

IN THE UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF DELAWARE

SITO MOBILE R&D IP, LLC, and
SITO MOBILE, LTD.,

Plaintiffs,

v.

THIS OLD HOUSE VENTURES, LLC,

Defendant.

Case No.

Jury Trial Demanded

COMPLAINT FOR PATENT INFRINGEMENT

Plaintiffs SITO Mobile R&D IP, LLC and SITO Mobile, Ltd., by and through their undersigned counsel, file this Complaint against This Old House Ventures, LLC (“This Old House”) for patent infringement of United States Patent Nos. 7,054,949; 7,689,706; 8,825,887; 9,026,673; 9,135,635; 9,135,636; 9,350,777; 9,380,088; 9,591,360; 9,756,362; 10,009,637 and 10,171,846 (collectively, the “patents-in-suit” and attached as Exhibits 1-12 respectively) and allege as follows:

NATURE OF THE ACTION

1. This is an action for patent infringement arising under the patent laws of the United States, 35 U.S.C. §§ 1 *et seq.*

THE PARTIES

1. Plaintiff SITO Mobile, Ltd. is a company organized and existing under the laws of the State of Delaware with its principal place of business located at 123 Town Square Place, Suite 419, Jersey City, New Jersey 07310.

2. Plaintiff SITO Mobile R&D IP, LLC is a limited liability company organized and existing under the laws of the State of Delaware with its principal place of business located at 123 Town Square Place, Suite 419, Jersey City, New Jersey 07310. Plaintiff SITO Mobile R&D IP, LLC is a wholly owned subsidiary of Plaintiff SITO Mobile, Ltd. (collectively "SITO"). SITO Mobile R&D IP, LLC is a patent holding company that does not exist separate from its parent SITO Mobile, Ltd. In that regard, SITO Mobile, Ltd. controls all of SITO Mobile R&D IP, LLC's business operations and SITO Mobile R&D IP, LLC's financials roll-up into SITO Mobile, Ltd.

3. On information and belief, Defendant This Old House is a broadcast and digital media company organized and existing under the laws of the State of Delaware with a place of business located at 262 Harbor Drive, 1st Floor, Stamford, CT 06902. This Old House may be served with process through its registered agent for service in Delaware: The Company Corporation, 251 Little falls drive, Wilmington DE 19808.

JURISDICTION AND VENUE

4. This Court has subject matter jurisdiction over this action pursuant to 28 U.S.C. §§ 1331 and 1338(a) because this action arises under the patent laws of the United States, 35 U.S.C. §§ 1 *et seq.*

5. This Old House is subject to this Court's personal jurisdiction in accordance with due process and/or the Delaware Long Arm Statute because, in part and on information and belief, This Old House transacts business in Delaware, contracts to supply services and things in Delaware, and has caused Plaintiff injury in Delaware. *See* Del. Code Ann. Tit. 3, § 3104.

6. This Court has personal jurisdiction over This Old House because This Old House (directly and/or through its agents, subsidiaries, affiliates, or intermediaries) has committed and continues to commit acts of infringement in Delaware and this judicial district in violation of at least 35 U.S.C. § 271(a).

7. This Court also has personal jurisdiction over This Old House because This Old House has sufficient minimum contacts with this forum as a result of business conducted within the State of Delaware and this judicial district. In particular, this Court has personal jurisdiction over This Old House because, *inter alia*, This Old House, on information and belief: (1) has substantial, continuous, and systematic contacts with this State and this judicial district; (2) enjoys substantial income from its operations and sales in this State and this judicial district; and (3) solicits business and markets products, systems and/or services in this State and this judicial district including, without limitation, related to the accused instrumentalities.

8. This Old House has purposefully availed itself of the privileges of conducting business within Delaware and this judicial district, has established sufficient minimum contacts with this judicial district such that it should reasonably and fairly anticipate being hauled into court in this judicial district, has purposefully directed

activities at residents of this judicial district, and at least a portion of the patent infringement claims alleged in this Complaint arise out of or are related to one or more of the foregoing activities.

9. Venue is proper in this judicial district pursuant to 28 U.S.C. §§ 1391(b) and (c) and/or 1400(b). This Old House is incorporated and registered to do business in Delaware, is deemed to be a resident of Delaware, and has committed acts of infringement in Delaware.

THIS OLD HOUSE VIDEO STREAMING SERVICE

10. This Old House offers both a subscription-based streaming service, named This Old House Insider and a free of cost streaming service that provides video programming over the Internet.¹ This Old House also provides video nuggets through its YouTube channel having 1.73 million subscribers.²

11. This Old House's streaming service offers a subscription-based service, named This Old House Insider, which provides unlimited and commercial free content to the subscribers. This service includes 1000+ full episodes, live online Q&As with the cast, and live webcams. Further, the subscribers get the benefit of 25 years of This Old House Magazine, and exclusive giveaways & discounts.³

¹ <https://www.thisoldhouse.com/>
<https://access.thisoldhouse.com/>

² This Old House - YouTube

³ <https://access.thisoldhouse.com/>

12. This Old House users and subscribers can access its services through smart TVs, and can stream digitally via phones, tablets and computers using various platforms like Roku, This Old House app, IMDb TV, etc.⁴ This Old House subscribers can download This Old House apps to their mobile devices from App Store.⁵

13. The users can subscribe to This Old house Insider at a cost of \$ 8/month when subscribed annually and \$ 10/month when subscribed monthly.⁶

14. This Old House streams videos using a network(s) of servers (“This Old House Streaming Platform”). This Old House uses Dynamic Adaptive Streaming over HTTP Live Streaming (HLS) protocol to stream video content. HLS is HTTP-based adaptive bitrate streaming techniques that enable high quality streaming of media content over the Internet from web servers. The operation of HLS is described in standards documents.⁷

15. With HLS, a video may be broken up into thousands of small HTTP-based file segments. Each segment contains a short interval of playback time of the video. The segments are encoded at a variety of different bit rates (resolutions). After a video is selected to be streamed, the media player on the subscriber device is provided with a file that informs the player, amongst other things, how to obtain the segments

⁴ <https://www.thisoldhouse.com/21015660/watch-this-old-house-and-ask-this-old-house-full-episodes>

⁵ <https://www.thisoldhouse.com/pages/streaming-app>

⁶ <https://access.thisoldhouse.com/>

⁷ A copy of the HLS standard is attached hereto as Exhibit 13.

sequentially and how to handle ad breaks (if any). As the video is playing, the subscriber device determines the bit rate that it can handle and requests a segment(s) encoded at that bit rate. The player retrieves and plays the segments in sequential order and continuously requests segments until the player has received all of the segments that make up the video.

THE PATENTS-IN-SUIT

United States Patent No. 7,054,949

16. On May 30, 2006, the USPTO duly and legally issued United States Patent No. 7,054,949 (“the ‘949 patent”) entitled “System and Method for Streaming Media” to inventor Charles A. Jennings et al. The ‘949 patent is attached as Exhibit 1.

17. The ‘949 patent is presumed valid under 35 U.S.C. § 282.

18. SITO Mobile R&D IP, LLC owns all rights, title and interest in the ‘949 patent.

19. SITO Mobile, Ltd maintains equitable title over the ‘949 patent as SITO Mobile R&D IP, LLC is a wholly-owned subsidiary of SITO Mobile, Ltd. As part of this ownership, SITO Mobile, Ltd. exercises complete control over SITO Mobile R&D IP, LLC, including control over all of SITO Mobile R&D IP, LLC’s business decisions and SITO Mobile R&D IP, LLC’s patent enforcement, assignment, and licensing policies.

20. Because of the structure of this corporate relationship and SITO Mobile, Ltd.’s complete control over SITO Mobile R&D IP, LLC’s patent licensing and enforcement policies, SITO Mobile, Ltd. has and has had control over the ‘949 patent and has enjoyed exclusive rights thereunder.

United States Patent No. 7,689,706

21. On March 30, 2010, the USPTO duly and legally issued United States Patent No. 7,689,706 (“the ‘706 patent”) entitled “System and Method for Streaming Media” to inventor Charles A. Jennings et al. The ‘706 patent is attached as Exhibit 2.

22. The ‘706 patent is presumed valid under 35 U.S.C. § 282.

23. SITO Mobile R&D IP, LLC owns all rights, title and interest in the ‘706 patent.

24. SITO Mobile, Ltd maintains equitable title over the ‘706 patent as SITO Mobile R&D IP, LLC is a wholly-owned subsidiary of SITO Mobile, Ltd. As part of this ownership, SITO Mobile, Ltd. exercises complete control over SITO Mobile R&D IP, LLC, including control over all of SITO Mobile R&D IP, LLC’s business decisions and SITO Mobile R&D IP, LLC’s patent enforcement, assignment, and licensing policies.

25. Because of the structure of this corporate relationship and SITO Mobile, Ltd.’s complete control over SITO Mobile R&D IP, LLC’s patent licensing and enforcement policies, SITO Mobile, Ltd. has and has had control over the ‘706 patent and has enjoyed exclusive rights thereunder.

United States Patent No. 8,825,887

26. On September 2, 2014, the USPTO duly and legally issued United States Patent No. 8,825,887 (“the ‘887 patent”) entitled “System and Method for Streaming Media” to inventor Charles A. Jennings et al. The ‘887 patent is attached as Exhibit 3.

27. The ‘887 patent is presumed valid under 35 U.S.C. § 282.

28. SITO Mobile R&D IP, LLC owns all rights, title and interest in the '887 patent.

29. SITO Mobile, Ltd maintains equitable title over the '887 patent as SITO Mobile R&D IP, LLC is a wholly-owned subsidiary of SITO Mobile, Ltd. As part of this ownership, SITO Mobile, Ltd. exercises complete control over SITO Mobile R&D IP, LLC, including control over all of SITO Mobile R&D IP, LLC's business decisions and SITO Mobile R&D IP, LLC's patent enforcement, assignment, and licensing policies.

30. Because of the structure of this corporate relationship and SITO Mobile, Ltd.'s complete control over SITO Mobile R&D IP, LLC's patent licensing and enforcement policies, SITO Mobile, Ltd. has and has had control over the '887 patent and has enjoyed exclusive rights thereunder.

United States Patent No. 9,026,673

31. On May 5, 2015, the USPTO duly and legally issued United States Patent No. 9,026,673 ("the '673 patent") entitled "System and Method for Routing Media" to inventor Charles A. Jennings et al. The '673 patent is attached as Exhibit 4.

32. The '673 patent is presumed valid under 35 U.S.C. § 282.

33. SITO Mobile R&D IP, LLC owns all rights, title and interest in the '673 patent.

34. SITO Mobile, Ltd maintains equitable title over the '673 patent as SITO Mobile R&D IP, LLC is a wholly-owned subsidiary of SITO Mobile, Ltd. As part of this ownership, SITO Mobile, Ltd. exercises complete control over SITO Mobile R&D IP,

LLC, including control over all of SITO Mobile R&D IP, LLC's business decisions and SITO Mobile R&D IP, LLC's patent enforcement, assignment, and licensing policies.

35. Because of the structure of this corporate relationship and SITO Mobile, Ltd.'s complete control over SITO Mobile R&D IP, LLC's patent licensing and enforcement policies, SITO Mobile, Ltd. has and has had control over the '673 patent and has enjoyed exclusive rights thereunder.

United States Patent No. 9,135,635

36. On September 15, 2015, the USPTO duly and legally issued United States Patent No. 9,135,635 ("the '635 patent") entitled "System and Method for Routing Media" to inventor Charles A. Jennings et al. The '635 patent is attached as Exhibit 5.

37. The '635 patent is presumed valid under 35 U.S.C. § 282.

38. SITO Mobile R&D IP, LLC owns all rights, title and interest in the '635 patent.

39. SITO Mobile, Ltd maintains equitable title over the '635 patent as SITO Mobile R&D IP, LLC is a wholly-owned subsidiary of SITO Mobile, Ltd. As part of this ownership, SITO Mobile, Ltd. exercises complete control over SITO Mobile R&D IP, LLC, including control over all of SITO Mobile R&D IP, LLC's business decisions and SITO Mobile R&D IP, LLC's patent enforcement, assignment, and licensing policies.

40. Because of the structure of this corporate relationship and SITO Mobile, Ltd.'s complete control over SITO Mobile R&D IP, LLC's patent licensing and

enforcement policies, SITO Mobile, Ltd. has and has had control over the '635 patent and has enjoyed exclusive rights thereunder.

United States Patent No. 9,135,636

41. On September 15, 2015, the USPTO duly and legally issued United States Patent No. 9,135,636 ("the '636 patent") entitled "System and Method for Routing Media" to inventor Charles A. Jennings et al. The '636 patent is attached as Exhibit 6.

42. The '636 patent is presumed valid under 35 U.S.C. § 282.

43. SITO Mobile R&D IP, LLC owns all rights, title and interest in the '636 patent.

44. SITO Mobile, Ltd maintains equitable title over the '636 patent as SITO Mobile R&D IP, LLC is a wholly-owned subsidiary of SITO Mobile, Ltd. As part of this ownership, SITO Mobile, Ltd. exercises complete control over SITO Mobile R&D IP, LLC, including control over all of SITO Mobile R&D IP, LLC's business decisions and SITO Mobile R&D IP, LLC's patent enforcement, assignment, and licensing policies.

45. Because of the structure of this corporate relationship and SITO Mobile, Ltd.'s complete control over SITO Mobile R&D IP, LLC's patent licensing and enforcement policies, SITO Mobile, Ltd. has and has had control over the '636 patent and has enjoyed exclusive rights thereunder.

United States Patent No. 9,350,777

46. On May 24, 2016, the USPTO duly and legally issued United States Patent No. 9,350,777 (“the ‘777 patent”) entitled “System and Method for Routing Media” to inventor Charles A. Jennings et al. The ‘777 patent is attached as Exhibit 7.

47. The ‘777 patent is presumed valid under 35 U.S.C. § 282.

48. SITO Mobile R&D IP, LLC owns all rights, title and interest in the ‘777 patent.

49. SITO Mobile, Ltd maintains equitable title over the ‘777 patent as SITO Mobile R&D IP, LLC is a wholly-owned subsidiary of SITO Mobile, Ltd. As part of this ownership, SITO Mobile, Ltd. exercises complete control over SITO Mobile R&D IP, LLC, including control over all of SITO Mobile R&D IP, LLC’s business decisions and SITO Mobile R&D IP, LLC’s patent enforcement, assignment, and licensing policies.

50. Because of the structure of this corporate relationship and SITO Mobile, Ltd.’s complete control over SITO Mobile R&D IP, LLC’s patent licensing and enforcement policies, SITO Mobile, Ltd. has and has had control over the ‘777 patent and has enjoyed exclusive rights thereunder.

United States Patent No. 9,380,088

51. On June 28, 2016, the USPTO duly and legally issued United States Patent No. 9,380,088 (“the ‘088 patent”) entitled “System and Method for Routing Media” to inventor Charles A. Jennings et al. The ‘088 patent is attached as Exhibit 8.

52. The ‘088 patent is presumed valid under 35 U.S.C. § 282.

53. SITO Mobile R&D IP, LLC owns all rights, title and interest in the '088 patent.

54. SITO Mobile, Ltd maintains equitable title over the '088 patent as SITO Mobile R&D IP, LLC is a wholly-owned subsidiary of SITO Mobile, Ltd. As part of this ownership, SITO Mobile, Ltd. exercises complete control over SITO Mobile R&D IP, LLC, including control over all of SITO Mobile R&D IP, LLC's business decisions and SITO Mobile R&D IP, LLC's patent enforcement, assignment, and licensing policies.

55. Because of the structure of this corporate relationship and SITO Mobile, Ltd.'s complete control over SITO Mobile R&D IP, LLC's patent licensing and enforcement policies, SITO Mobile, Ltd. has and has had control over the '088 patent and has enjoyed exclusive rights thereunder.

United States Patent No. 9,591,360

56. On March 7, 2017, the USPTO duly and legally issued United States Patent No. 9,591,360 ("the '360 patent") entitled "System and Method for Routing Media" to inventor Charles A. Jennings et al. The '360 patent is attached as Exhibit 9.

57. The '360 patent is presumed valid under 35 U.S.C. § 282.

58. SITO Mobile R&D IP, LLC owns all rights, title and interest in the '360 patent.

59. SITO Mobile, Ltd maintains equitable title over the '360 patent as SITO Mobile R&D IP, LLC is a wholly-owned subsidiary of SITO Mobile, Ltd. As part of this ownership, SITO Mobile, Ltd. exercises complete control over SITO Mobile R&D IP,

LLC, including control over all of SITO Mobile R&D IP, LLC's business decisions and SITO Mobile R&D IP, LLC's patent enforcement, assignment, and licensing policies.

60. Because of the structure of this corporate relationship and SITO Mobile, Ltd.'s complete control over SITO Mobile R&D IP, LLC's patent licensing and enforcement policies, SITO Mobile, Ltd. has and has had control over the '360 patent and has enjoyed exclusive rights thereunder.

United States Patent No. 9,756,362

61. On September 5, 2017, the USPTO duly and legally issued United States Patent No. 9,756,362 ("the '362 patent") entitled "System and Method for Routing Media" to inventor Charles A. Jennings et al. The '362 patent is attached as Exhibit 10.

62. The '362 patent is presumed valid under 35 U.S.C. § 282.

63. SITO Mobile R&D IP, LLC owns all rights, title and interest in the '362 patent.

64. SITO Mobile, Ltd maintains equitable title over the '362 patent as SITO Mobile R&D IP, LLC is a wholly-owned subsidiary of SITO Mobile, Ltd. As part of this ownership, SITO Mobile, Ltd. exercises complete control over SITO Mobile R&D IP, LLC, including control over all of SITO Mobile R&D IP, LLC's business decisions and SITO Mobile R&D IP, LLC's patent enforcement, assignment, and licensing policies.

65. Because of the structure of this corporate relationship and SITO Mobile, Ltd.'s complete control over SITO Mobile R&D IP, LLC's patent licensing and

enforcement policies, SITO Mobile, Ltd. has and has had control over the '362 patent and has enjoyed exclusive rights thereunder.

United States Patent No. 10,009,637

66. On June 26, 2018, the USPTO duly and legally issued United States Patent No. 10,009,637 ("the '637 patent") entitled "System and Method for Routing Media" to inventor Charles A. Jennings et al. The '637 patent is attached as Exhibit 11.

67. The '637 patent is presumed valid under 35 U.S.C. § 282.

68. SITO Mobile R&D IP, LLC owns all rights, title and interest in the '637 patent.

69. SITO Mobile, Ltd maintains equitable title over the '637 patent as SITO Mobile R&D IP, LLC is a wholly-owned subsidiary of SITO Mobile, Ltd. As part of this ownership, SITO Mobile, Ltd. exercises complete control over SITO Mobile R&D IP, LLC, including control over all of SITO Mobile R&D IP, LLC's business decisions and SITO Mobile R&D IP, LLC's patent enforcement, assignment, and licensing policies.

70. Because of the structure of this corporate relationship and SITO Mobile, Ltd.'s complete control over SITO Mobile R&D IP, LLC's patent licensing and enforcement policies, SITO Mobile, Ltd. has and has had control over the '637 patent and has enjoyed exclusive rights thereunder.

United States Patent No. 10,171,846

71. On January 1, 2019, the USPTO duly and legally issued United States Patent No. 10,171,846 (“the ‘846 patent”) entitled “System and Method for Routing Media” to inventor Charles A. Jennings et al. The ‘846 patent is attached as Exhibit 12.

72. The ‘846 patent is presumed valid under 35 U.S.C. § 282.

73. SITO Mobile R&D IP, LLC owns all rights, title and interest in the ‘846 patent.

74. SITO Mobile, Ltd maintains equitable title over the ‘846 patent as SITO Mobile R&D IP, LLC is a wholly-owned subsidiary of SITO Mobile, Ltd. As part of this ownership, SITO Mobile, Ltd. exercises complete control over SITO Mobile R&D IP, LLC, including control over all of SITO Mobile R&D IP, LLC’s business decisions and SITO Mobile R&D IP, LLC’s patent enforcement, assignment, and licensing policies.

75. Because of the structure of this corporate relationship and SITO Mobile, Ltd.’s complete control over SITO Mobile R&D IP, LLC’s patent licensing and enforcement policies, SITO Mobile, Ltd. has and has had control over the ‘846 patent and has enjoyed exclusive rights thereunder.

CLAIMS FOR RELIEF

Count I - Infringement of United States Patent No. 7,054,949

76. SITO alleges, and incorporates by reference, as if fully set forth here, the preceding paragraphs of this Complaint.

77. This Old House directly infringes (literally and/or under the doctrine of equivalents) the '494 patent by using the method covered by at least claim 49 of the '949 patent.

78. On information and belief, and without SITO's approval, authorization and license, This Old House owns, controls, operates and uses a system for streaming media that includes This Old House Streaming Platform, as well as other This Old House networks, systems, devices, components and/or services for streaming media, that practices and infringes the media streaming method recited in at least claim 49 of the '949 patent.

79. This Old House performs a method of streaming video as demonstrated by the example provided below:

See e.g., <https://www.thisoldhouse.com>.

80. This Old House receives a request (e.g., GET request) for media (e.g., television program) and in response builds a reservation having a reservation identification (e.g., Etag, session tokens) for the request as demonstrated by the example provided below:

See e.g., <https://www.thisoldhouse.com>.

81. This Old House receives, at a routing processor identification, reservation data comprising a valid reservation identification (e.g., Etag, session token) and a media identification (e.g., file name) and determining if a media switch (e.g., CDN server/cache) is configured to stream media for the request as demonstrated by the example provided below:

The screenshot displays the Network tab of a browser's developer tools. A list of network requests is shown, with the 11th request selected. The selected request is a GET request to a URL containing a long alphanumeric string. The response headers for this request are visible on the right side of the interface.

Status	Method	Domain	File	Initiator	Type	Transferred	Size
200	GET	x-default-stgce...	F00000000.ts?pbs=2ae61b2565de4de58	zypeplayer...	octet-stream	1.83 MB	1.83 MB
200	GET	x-default-stgce...	F00000001.ts?pbs=2ae61b2565de4de58	zypeplayer...	octet-stream	1.79 MB	1.78 MB
200	GET	x-default-stgce...	F00000002.ts?pbs=2ae61b2565de4de58	zypeplayer...	octet-stream	1.89 MB	1.89 MB
200	GET	x-default-stgce...	F00000003.ts?pbs=2ae61b2565de4de58	zypeplayer...	octet-stream	1.90 MB	1.90 MB
200	GET	x-default-stgce...	F00000004.ts?pbs=2ae61b2565de4de58	zypeplayer...	octet-stream	1.93 MB	1.93 MB
200	GET	x-default-stgce...	F00000005.ts?pbs=2ae61b2565de4de58	zypeplayer...	octet-stream	1.82 MB	1.82 MB
200	GET	x-default-stgce...	F00000006.ts?pbs=2ae61b2565de4de58	zypeplayer...	octet-stream	1.80 MB	1.80 MB
200	GET	x-default-stgce...	F00000007.ts?pbs=2ae61b2565de4de58	zypeplayer...	octet-stream	1.86 MB	1.86 MB
200	GET	x-default-stgce...	F00000008.ts?pbs=2ae61b2565de4de58	zypeplayer...	octet-stream	1.80 MB	1.80 MB
200	GET	x-default-stgce...	F00000009.ts?pbs=2ae61b2565de4de58	zypeplayer...	octet-stream	1.84 MB	1.84 MB
200	GET	x-default-stgce...	F0000000A.ts?pbs=2ae61b2565de4de58	zypeplayer...	octet-stream	1.81 MB	1.81 MB
200	GET	x-default-stgce...	F0000000B.ts?pbs=2ae61b2565de4de58	zypeplayer...	octet-stream	1.89 MB	1.89 MB
200	GET	x-default-stgce...	F0000000C.ts?pbs=2ae61b2565de4de58	zypeplayer...	octet-stream	1.84 MB	1.84 MB
200	GET	x-default-stgce...	F0000000D.ts?pbs=2ae61b2565de4de58	zypeplayer...	octet-stream	1.87 MB	1.87 MB
200	GET	x-default-stgce...	F0000000E.ts?pbs=2ae61b2565de4de58	zypeplayer...	octet-stream	1.84 MB	1.84 MB
200	GET	x-default-stgce...	F0000000F.ts?pbs=2ae61b2565de4de58	zypeplayer...	octet-stream	1.83 MB	1.83 MB
200	GET	x-default-stgce...	F00000010.ts?pbs=2ae61b2565de4de58	zypeplayer...	octet-stream	1.81 MB	1.81 MB

The selected request's response headers are as follows:

```

Status: 200 OK
Version: HTTP/2
Transferred: 1.80 MB (1.80 MB size)
Referrer Policy: strict-origin-when-cross-origin

Response Headers (582 B)
accept-ranges: bytes
access-control-allow-origin: *
age: 640208
cache-control: no-cache
content-length: 1886592
content-type: application/octet-stream
date: Fri, 29 Oct 2021 09:45:10 GMT
etag: "d78c7ac0e2742d9973d1dd670b5bb2e4"
expires: Fri, 29 Oct 2021 09:45:09 GMT
last-modified: Wed, 20 Oct 2021 17:35:05 GMT
server: ECAcc (daa/7D2A)

```

82. On information and belief, This Old House transmits the reservation data (e.g., reservation identification unique to the user and media) to the media switch (e.g., Media streaming servers, CDN server/cache) if the media switch is configured, at least initially, to stream media (e.g., television program) for the request (e.g., GET request) as demonstrated by the example provided below:

The screenshot displays a video player interface with a network inspector overlay. The video player shows a man in a workshop setting. The network inspector is open to the 'Network' tab, showing a list of requests. The selected request is a GET request to 'concert_ads-eb1642351634c2c43c6e.js' from 'cdn.vox-cdn.com'. The 'Headers' tab is expanded, showing the following headers:

```

access-control-allow-origin: *
age: 1836
content-encoding: gzip
content-length: 34991
content-type: application/javascript
date: Mon, 25 Oct 2021 15:04:21 GMT
etag: "a85b14d53370d488759aef211b6b0cf5"
last-modified: Wed, 29 Sep 2021 23:03:31 GMT
server: AmazonS3
strict-transport-security: max-age=31536000
vary: Accept-Encoding
via: 1.1 varnish
x-amz-id-2: o35Qnjw5proVFJL+cJEDLqax4zJtePibvGnQX8RiOUv7SRAm9uGV8TjxQod4IP2
HzeCe626Mk=
x-amz-request-id: VVP04PC0VNF1NQV3
x-cache: HIT
x-cache-hit: 70

```

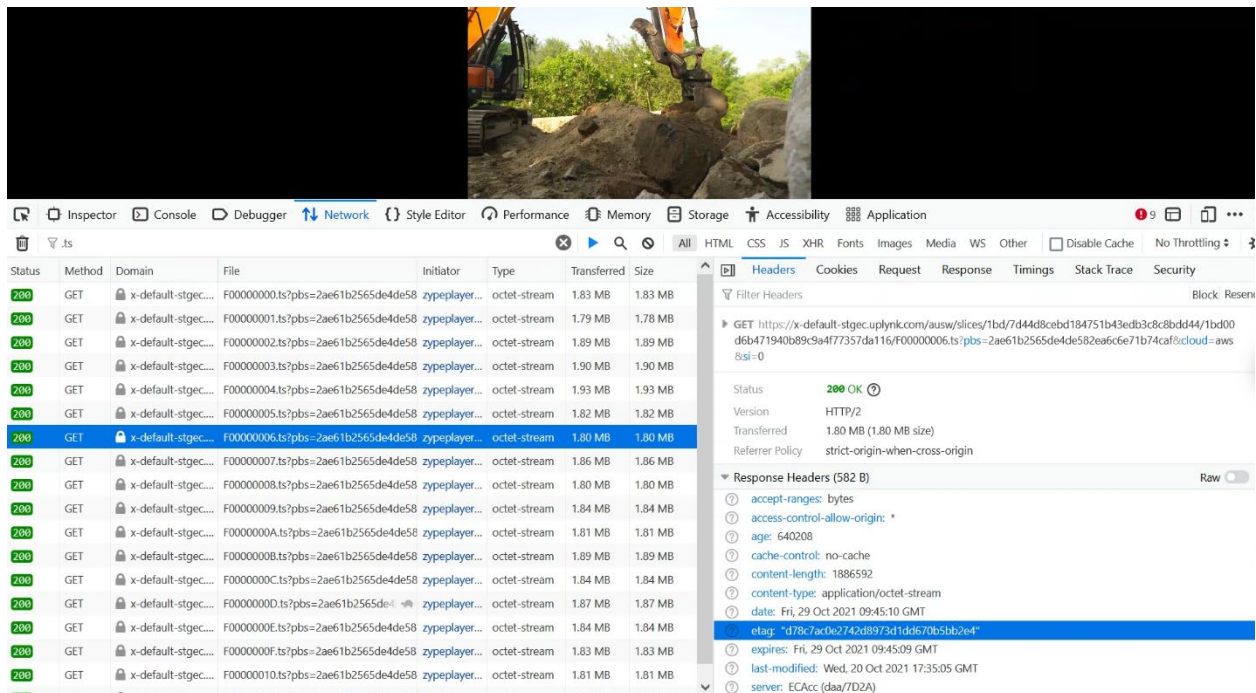
83. On information and belief, This Old House's uses a CDN, Akamai, to receive the reservation identification (e.g., Etag, session tokens) at the media switch (e.g., media streaming servers, CDN server/cache) as demonstrated by the example provided below:

The screenshot displays the Network tab of a web browser's developer tools. The top portion shows a video player with a construction site scene. Below the video, the Network tab lists a series of GET requests to a domain, all returning 200 OK status. The selected request (index 2006) is highlighted, and its response headers are visible on the right. The headers include: accept-ranges: bytes, access-control-allow-origin: *, age: 640208, cache-control: no-cache, content-length: 1886592, content-type: application/octet-stream, date: Fri, 29 Oct 2021 09:45:10 GMT, etag: "d78c7ac0e2742d08973d1dd670b5bb2e4", expires: Fri, 29 Oct 2021 09:45:09 GMT, last-modified: Wed, 20 Oct 2021 17:35:05 GMT, and server: ECAcc (daa/7D2A).

Status	Method	Domain	File	Initiator	Type	Transferred	Size
200	GET	x-default-stgce...	F00000000.ts?pbs=2ae61b2565de4de58	zypeplayer...	octet-stream	1.83 MB	1.83 MB
200	GET	x-default-stgce...	F00000001.ts?pbs=2ae61b2565de4de58	zypeplayer...	octet-stream	1.79 MB	1.78 MB
200	GET	x-default-stgce...	F00000002.ts?pbs=2ae61b2565de4de58	zypeplayer...	octet-stream	1.89 MB	1.89 MB
200	GET	x-default-stgce...	F00000003.ts?pbs=2ae61b2565de4de58	zypeplayer...	octet-stream	1.90 MB	1.90 MB
200	GET	x-default-stgce...	F00000004.ts?pbs=2ae61b2565de4de58	zypeplayer...	octet-stream	1.93 MB	1.93 MB
200	GET	x-default-stgce...	F00000005.ts?pbs=2ae61b2565de4de58	zypeplayer...	octet-stream	1.82 MB	1.82 MB
200	GET	x-default-stgce...	F00000006.ts?pbs=2ae61b2565de4de58	zypeplayer...	octet-stream	1.80 MB	1.80 MB
200	GET	x-default-stgce...	F00000007.ts?pbs=2ae61b2565de4de58	zypeplayer...	octet-stream	1.86 MB	1.86 MB
200	GET	x-default-stgce...	F00000008.ts?pbs=2ae61b2565de4de58	zypeplayer...	octet-stream	1.80 MB	1.80 MB
200	GET	x-default-stgce...	F00000009.ts?pbs=2ae61b2565de4de58	zypeplayer...	octet-stream	1.84 MB	1.84 MB
200	GET	x-default-stgce...	F0000000A.ts?pbs=2ae61b2565de4de58	zypeplayer...	octet-stream	1.81 MB	1.81 MB
200	GET	x-default-stgce...	F0000000B.ts?pbs=2ae61b2565de4de58	zypeplayer...	octet-stream	1.89 MB	1.89 MB
200	GET	x-default-stgce...	F0000000C.ts?pbs=2ae61b2565de4de58	zypeplayer...	octet-stream	1.84 MB	1.84 MB
200	GET	x-default-stgce...	F0000000D.ts?pbs=2ae61b2565de4de58	zypeplayer...	octet-stream	1.87 MB	1.87 MB
200	GET	x-default-stgce...	F0000000E.ts?pbs=2ae61b2565de4de58	zypeplayer...	octet-stream	1.84 MB	1.84 MB
200	GET	x-default-stgce...	F0000000F.ts?pbs=2ae61b2565de4de58	zypeplayer...	octet-stream	1.83 MB	1.83 MB
200	GET	x-default-stgce...	F00000010.ts?pbs=2ae61b2565de4de58	zypeplayer...	octet-stream	1.81 MB	1.81 MB

84. This Old House causes and requires Akamai (e.g., CDN) to process the reservation identification and the reservation data to determine if the reservation identification (e.g., Etag) is valid.

85. This Old House causes and requires Akamai to stream at least partial media for the request if the reservation identification (e.g., Etag) is valid as demonstrated by the examples provided below:



86. SITO has been damaged by the direct infringement of This Old House, and is suffering and will continue to suffer irreparable harm and damages as a result of this infringement.

Count II - Infringement of United States Patent No. 7,689,706

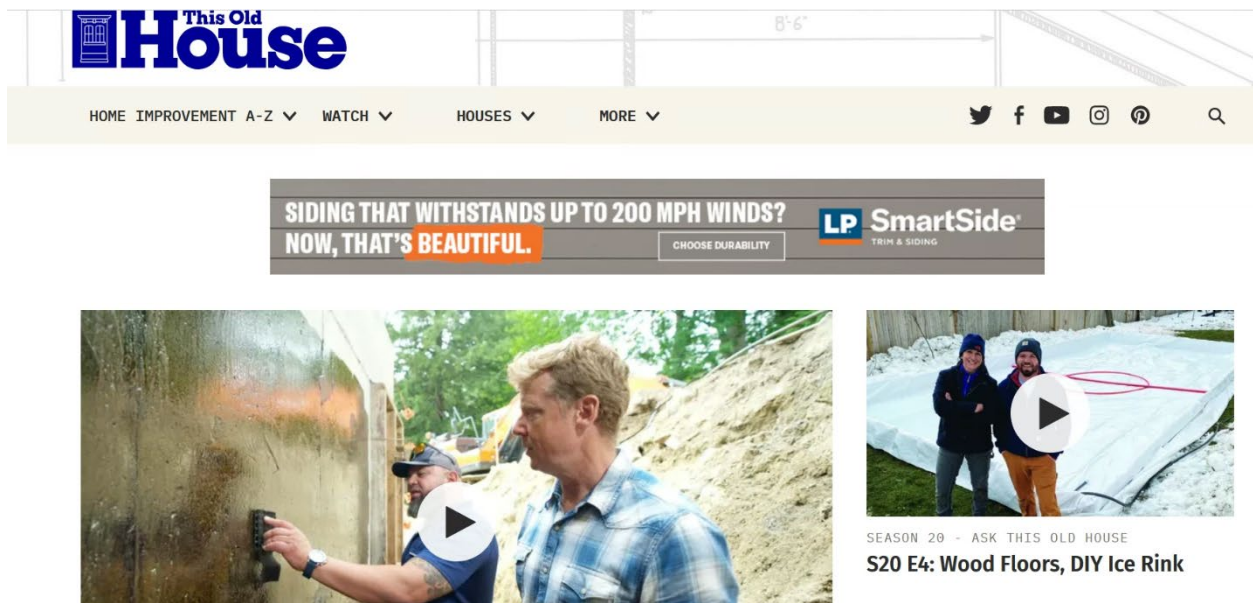
87. SITO alleges, and incorporates by reference, as if fully set forth here, the preceding paragraphs of this Complaint.

88. This Old House directly infringes (literally and/or under the doctrine of equivalents) the '706 patent by using the method covered by at least claim 5 of the '706 patent.

89. On information and belief, and without SITO's approval, authorization and license, This Old House owns, controls, operates and uses a system for streaming

media that includes This Old House Streaming Platform, as well as other This Old House networks, systems, devices, components and/or services for streaming media, that practices and infringes the media streaming method recited in at least claim 5 of the '706 patent.

90. This Old House performs a method of streaming video as demonstrated by the example provided below:



See e.g., <https://www.thisoldhouse.com>.

91. On information and belief, This Old House receives at a service processor (e.g., This Old House server(s)), media (e.g., television program), at least one media rule (e.g., geographic restriction on content) indicating at least one of a plurality of media switches (e.g., edge servers or Media distribution servers) to which the media is to be distributed, and at least one order rule (e.g., revenue sharing) indicating settlement for streamed media as demonstrated by the examples provided below:

St...	M...	Domain	File	Initiator	Type	Transferred	Size
200	GET	content-ausw2-up-1.upl...	f.m3u8?pbs=273d6cb0fc31492b9b4c087d750ea...	zypeplayer.js39 (f...	vnd.apple.mp...	2.15 KB	1...
200	GET	x-default-stgecuplynk.c...	F0000056.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
200	GET	x-default-stgecuplynk.c...	F0000057.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
200	GET	pubads.g.doubleclick...	ads?slotname=/142694468/zype_video8sz=640	bridge3.489.0_en...	xml	5.34 KB	2...
200	GET	x-default-stgecuplynk.c...	F0000058.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
204	P...	csi.gstatic.com	csi?v=2&ts=ima&puid=2-kw05iq7&c=5392206	bridge3.489.0_en...	gif	390 B	0 B
200	GET	securepubads.g.dou...	view?ai=AKAOjstHr_HLTO77CiyuLLokODXSbl8	bridge3.489.0_en...	gif	797 B	0 B
204	P...	csi.gstatic.com	csi?v=2&ts=ima&puid=2-kw05iq7&c=5392206	ima3.js:98 (beacon)	gif	390 B	0 B
302	GET	redirector.gvt1.com	file.webm	media	webm	3.46 MB	3...
206	GET	r1---sn-q4flm1.gvt1.com	file.webm	media	webm	3.46 MB	3...
200	GET	x-default-stgecuplynk.c...	F0000059.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgecuplynk.c...	F000005A.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgecuplynk.c...	F000005B.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.81 MB	1...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96Ryb31Ebagr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	securepubads.g.dou...	view?ai=AKAOjssx-LpLwWjJbHZAWfctSGbWwS	bridge3.489.0_en...	gif	797 B	0 B
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96Ryb31Ebagr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96Ryb31Ebagr...	bridge3.489.0_en...	gif	760 B	4...

St...	M...	Domain	File	Initiator	Type	Transferred	Size
200	GET	content-ausw2-up-1.upl...	f.m3u8?pbs=273d6cb0fc31492b9b4c087d750ea...	zypeplayer.js39 (f...	vnd.apple.mp...	2.15 KB	1...
200	GET	x-default-stgecuplynk.c...	F0000056.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
200	GET	x-default-stgecuplynk.c...	F0000057.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
200	GET	pubads.g.doubleclick...	ads?slotname=/142694468/zype_video8sz=640	bridge3.489.0_en...	xml	5.34 KB	2...
200	GET	x-default-stgecuplynk.c...	F0000058.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
204	P...	csi.gstatic.com	csi?v=2&ts=ima&puid=2-kw05iq7&c=5392206	bridge3.489.0_en...	gif	390 B	0 B
200	GET	securepubads.g.dou...	view?ai=AKAOjstHr_HLTO77CiyuLLokODXSbl8	bridge3.489.0_en...	gif	797 B	0 B
204	P...	csi.gstatic.com	csi?v=2&ts=ima&puid=2-kw05iq7&c=5392206	ima3.js:98 (beacon)	gif	390 B	0 B
302	GET	redirector.gvt1.com	file.webm	media	webm	3.46 MB	3...
206	GET	r1---sn-q4flm1.gvt1.com	file.webm	media	webm	3.46 MB	3...
200	GET	x-default-stgecuplynk.c...	F0000059.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgecuplynk.c...	F000005A.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgecuplynk.c...	F000005B.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.81 MB	1...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96Ryb31Ebagr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	securepubads.g.dou...	view?ai=AKAOjssx-LpLwWjJbHZAWfctSGbWwS	bridge3.489.0_en...	gif	797 B	0 B
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96Ryb31Ebagr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96Ryb31Ebagr...	bridge3.489.0_en...	gif	760 B	4...

See e.g., <https://www.thisoldhouse.com>.

Location-Identifying Technologies

GPS, WiFi, Bluetooth, and other location-aware technologies may be used to collect precise location data when you enable location-based services through your device. Location data may be used for purposes such as verifying your device’s location and delivering or restricting relevant content and advertising based on that location.

See e.g., <https://www.thisoldhouse.com/pages/privacy-notice>

92. On information and belief, This Old House distributes the media from the service processor (e.g., This Old House server(s)) to the at least one media switch (e.g., edge servers or media distribution servers) according to the media rule (e.g., Geographic Restriction on content) as demonstrated by the examples provided below:

Location-Identifying Technologies

GPS, WiFi, Bluetooth, and other location-aware technologies may be used to collect precise location data when you enable location-based services through your device. Location data may be used for purposes such as verifying your device’s location and delivering or restricting relevant content and advertising based on that location.

See e.g., <https://www.thisoldhouse.com/pages/privacy-notice>

The screenshot shows a browser's developer tools interface with the Network tab selected. A request for 'config.json' from 'concertads-con...' is highlighted. The response headers are visible, showing location-based information:

- Status: 304 Not Modified
- Version: HTTP/2
- Transferred: 8.25 KB (77.37 KB size)
- Referrer Policy: strict-origin-when-cross-origin
- Response Headers (453 B):
 - access-control-expose-headers: geo-region, geo-connection-speed, geo-metro
 - age: 40262
 - cache-control: max-age=3600
 - date: Fri, 29 Oct 2021 09:44:24 GMT
 - etag: "d71572c63bd0830a3b4adc72a4961161"
 - geo-connection-speed: broadband
 - geo-metro: 642
 - geo-region: US-LA
 - vary: Accept-Encoding
 - via: 1.1 varnish
 - x-cache: HIT
 - x-cache-hits: 6
 - X-Firefox-Spdy: h2

See e.g., <https://www.thisoldhouse.com>.

93. On information and belief, This Old House transmits a media identification for the media and the order rule to the at least one media.

94. On information and belief, This Old House receives signaling from a viewer (e.g., Client Device) at a management system (e.g., This Old House Server(s)), the signaling comprising the media request (e.g., GET request) that identifies a requested media as demonstrated by the example provided below:

The screenshot displays a network request in a browser's developer tools. The request is a GET request for a video file from 'zypeplayer.js:39' to 'x-default-stgec.uplynk.com'. The response headers are visible, showing a 200 OK status and various metadata including 'accept-ranges: bytes', 'content-length: 1922688', and 'date: Mon, 15 Nov 2021 04:14:03 GMT'.

St...	M...	Domain	File	Initiator	Type	Transferred	Size
200	GET	content-aws2-up-1.upl...	f.m3u8?pbs=273d6cb0fc31492b9b4c087d750ea...	zypeplayer.js:39 (f...	vnd.apple.mp...	2.15 KB	1...
200	GET	x-default-stgec.uplynk.c...	F0000056.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...
200	GET	pubads.g.doubleclick...	ads?slotname=142694468&zype_video8sz=640...	bridge3.489.0_en...	xml	5.34 KB	2...
200	GET	x-default-stgec.uplynk.c...	F0000058.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...
204	P...	csi.gstatic.com	csi?v=2&ts=ima&puid=2-kw05iq57&c=5392206	bridge3.489.0_en...	gif	390 B	0 B
200	GET	securepubads.g.dou...	view?xai=AKAOjstHr_HLTO7CiyotLokODXSbl8	bridge3.489.0_en...	gif	797 B	0 B
204	P...	csi.gstatic.com	csi?v=2&ts=ima&puid=2-kw05iq70&c=5392206	ima3.js:98 (beacon)	gif	390 B	0 B
302	GET	redirector.gvt1.com	file.webm	media	webm	3.46 MB	3...
206	GET	r1---sn-q4llmsl.gvt1.com	file.webm	media	webm	3.46 MB	3...
200	GET	x-default-stgec.uplynk.c...	F0000059.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgec.uplynk.c...	F000005A.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgec.uplynk.c...	F000005B.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.81 MB	1...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RYb31Ebagr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	securepubads.g.dou...	view?xai=AKAOjssx-LpLbWjJbHZAWc:fct5GbWs'	bridge3.489.0_en...	gif	797 B	0 B
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RYb31Ebagr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RYb31Ebagr...	bridge3.489.0_en...	gif	760 B	4...

Response Headers (582 B)

- accept-ranges: bytes
- access-control-allow-origin: *
- age: 879089
- cache-control: no-cache
- content-length: 1922688
- content-type: application/octet-stream
- date: Mon, 15 Nov 2021 04:14:03 GMT
- etag: "6d0c084c43b33c0ea834ca8af90ac660"
- expires: Mon, 15 Nov 2021 04:14:02 GMT
- last-modified: Wed, 03 Nov 2021 19:56:17 GMT
- server: ECACC (daa/7D7D)
- x-amz-id-2: LixSq5IbXcZLFPdVkk+O++tjSodmOQITAA8Aqv8ljqbymqkSxw8Nxt9eKfqtg

St...	M...	Domain	File	Initiator	Type	Transferred	Size
200	GET	content-ausw2-up-1.upl...	f:m3u8?pbs=273d6cb0fc31492b9b4c087d750ea...	zypeplayer.js:39 (f...	vnd.apple.mp...	2.15 KB	1...
200	GET	x-default-stgec.uplynk.c...	F0000056.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...
200	GET	pubads.g.doubleclick...	ads?slotname=/142694468/zype_video8sz=640...	bridge3.489.0_en...	xml	5.34 KB	2...
200	GET	x-default-stgec.uplynk.c...	F0000058.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...
204	P...	csi.gstatic.com	csi?v=28s=ima&puid=2-kw05iq57&c=5392206	bridge3.489.0_en...	gif	390 B	0 B
200	GET	securepubads.g.dou...	view?xai=AKAOjstHlr_HLTOT7GUYotLokODXsbl8	bridge3.489.0_en...	gif	797 B	0 B
204	P...	csi.gstatic.com	csi?v=28s=ima&puid=2-kw05iq70&c=5392206	ima3.js:98 (beacon)	gif	390 B	0 B
302	GET	redireclor.gvt1.com	file.webm	media	webm	3.46 MB	3...
206	GET	r1---sn-q4flmrl.gvt1.com	file.webm	media	webm	3.46 MB	3...
200	GET	x-default-stgec.uplynk.c...	F0000059.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgec.uplynk.c...	F000005A.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgec.uplynk.c...	F000005B.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.81 MB	1...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RVb31Ebacgr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	securepubads.g.dou...	view?xai=AKAOjssx-LpLbWjijhZAWdJctSGbW5s'	bridge3.489.0_en...	gif	797 B	0 B
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RVb31Ebacgr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RVb31Ebacgr...	bridge3.489.0_en...	gif	760 B	4...

```

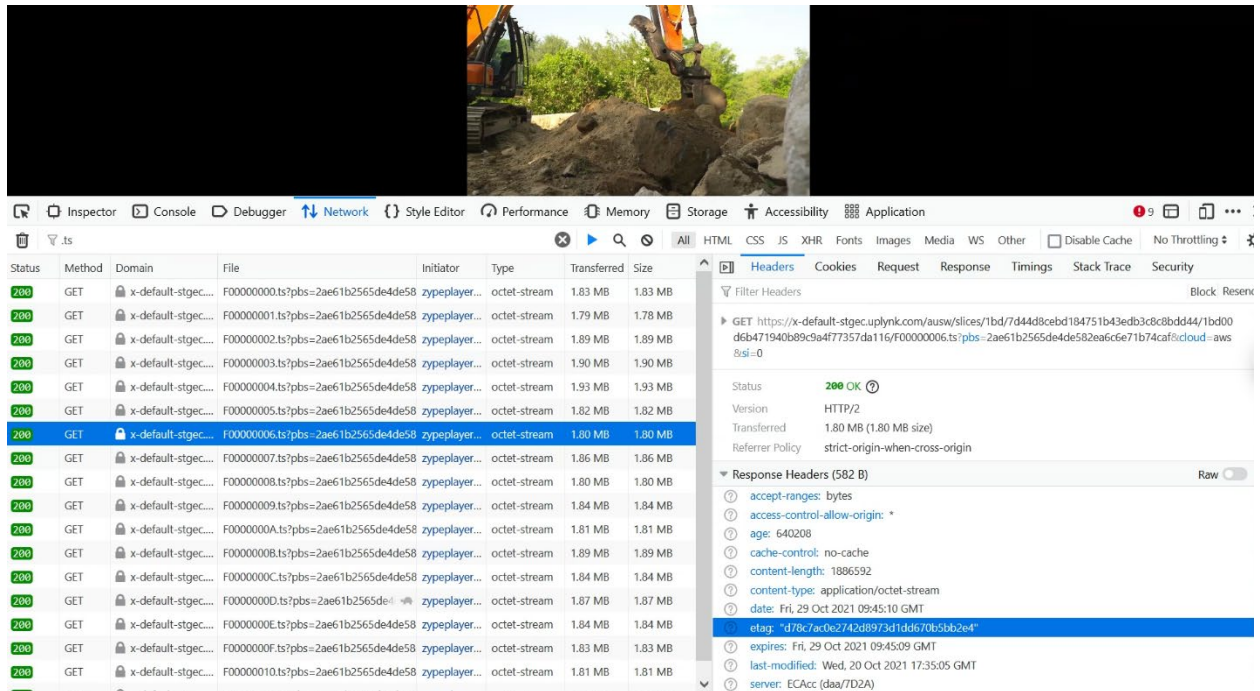
Filter Headers
: user-agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0
server: ECACC (daa/7D7D)
x-amz-id-2: LixSq5ibUXcZLFFdVx+O++lJ5odmOCQIAABAgv6JlqbymqkkSw8NlxT9eKfgtm
YSMPpBOnMtw=
x-amz-request-id: B7X67AFVGG5074Q1
x-amz-server-side-encryption: AES256
x-cache: HIT
x-ec-put2cache: 1
X-Firefox-Spdy: h2

Request Headers (537 B)
Accept: */*
Accept-Encoding: gzip, deflate, br
Accept-Language: en-US,en;q=0.5
Connection: keep-alive
Host: x-default-stgec.uplynk.com
Origin: https://player.zype.com/
Referer: https://player.zype.com/
Sec-Fetch-Dest: empty
Sec-Fetch-Mode: cors
Sec-Fetch-Site: cross-site
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0

```

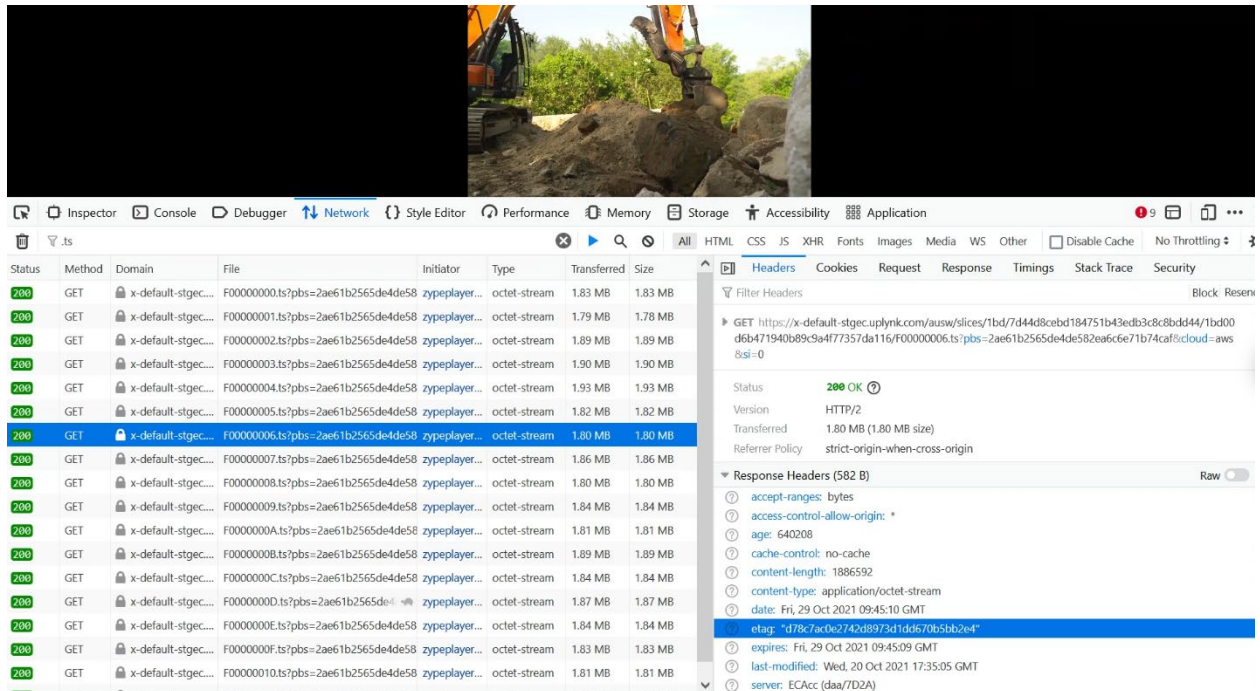
See e.g., <https://www.thisoldhouse.com/>.

95. On information and belief, This Old House builds a reservation (e.g., connection, session) for the requested media at a reservation server (e.g., Reservation module running on This Old House server(s)), the reservation comprising a reservation identification (e.g., Etag, session token, etc.) and the media identification (e.g., Filename) for the requested media as demonstrated by the example provided below:



See e.g., <https://www.thisoldhouse.com/>.

96. On information and belief, This Old House receives at least one information block identifying the reservation identification (e.g., Etag, session token, etc.) and identifies streaming for at least some of the requested media from the at least one media switch (e.g., media streaming server) to the viewer (e.g., client device).



See e.g., <https://www.thisoldhouse.com/>.

97. On information and belief, This Old House processes the information block with the reservation identification (e.g., Etag, session token, etc.) and according to the order rule (e.g., Revenue Sharing) to generate a settlement record as demonstrated by the example provided below:

The screenshot displays a browser's developer tools interface. At the top, a video player shows a construction site with an excavator. Below the video, the 'Network' tab is active, showing a list of 20 GET requests. The selected request (index 16) is highlighted in blue. The 'Headers' pane on the right shows the response headers for this request:

```

Status: 200 OK
Version: HTTP/2
Transferred: 1.80 MB (1.80 MB size)
Referrer Policy: strict-origin-when-cross-origin

Response Headers (582 B)
accept-ranges: bytes
access-control-allow-origin: *
age: 640208
cache-control: no-cache
content-length: 1886592
content-type: application/octet-stream
date: Fri, 29 Oct 2021 09:45:10 GMT
etag: "d78c7ac0e2742d08973d1dd670b5bb2e4"
expires: Fri, 29 Oct 2021 09:45:09 GMT
last-modified: Wed, 20 Oct 2021 17:35:05 GMT
server: ECAcc (daa/7D2A)

```

See e.g., <https://www.thisoldhouse.com/>.

98. SITO has been damaged by the direct infringement of This Old House, and is suffering and will continue to suffer irreparable harm and damages as a result of this infringement.

Count III – Infringement of United States Patent No. 8,825,887

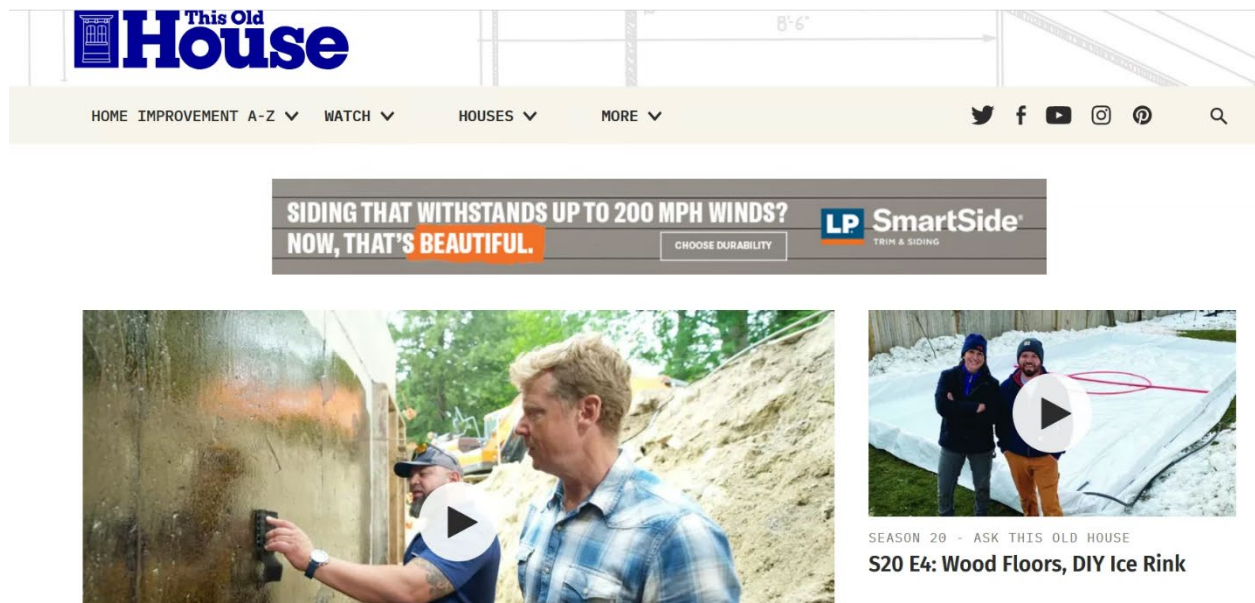
99. SITO alleges, and incorporates by reference, as if fully set forth here, the preceding paragraphs of this Complaint.

100. This Old House directly infringes (literally and/or under the doctrine of equivalents) the '887 patent by using the method covered by at least claim 39 of the '887 patent.

101. On information and belief, and without SITO's approval, authorization and license, This Old House owns, controls, operates and uses a system for streaming media that includes This Old House Streaming Platform, as well as other This Old

House networks, systems, devices, components and/or services for streaming media, that practices and infringes the media streaming method recited in at least claim 39 of the '887 patent.

102. This Old House performs a method of streaming video as demonstrated by the example provided below:



See e.g., <https://www.thisoldhouse.com>.

103. This Old House receives, by at least one computing device (e.g., server(s)) via a communication network (e.g., the Internet), a request (e.g., GET request) for media (e.g., television program) from at least one communication device (e.g., client device such as a personal computer, mobile device, and/or television) capable of using instructions (e.g., contained within an M3U8 file(s)) received from the at least one computing device to obtain at least one portion of the requested media using at least one resource (e.g., streaming server(s)) other than the at least one computing device as demonstrated by the example provided below:

The screenshot shows a web browser window with the URL <https://www.thisoldhouse.com/the-concord-country-cape/22763248/s43-a6-tree-dr-house-call>. The page content includes a video player showing a man working on a wooden structure. Below the video player is a network inspector showing a list of requests. The selected request is a GET to `content-audio2-up-1.uplynk.com/7222e6a379549c9008a0acbb0b1e197f.m3u8?ipb-cd6ee444bae4559a5b40b40f2cf903`. The response headers include `Access-Control-Allow-Origin: *`, `Cache-Control: no-cache, no-store`, `Content-Encoding: br`, `Content-Length: 1727`, `Content-Type: application/vnd.apple.mpegurl`, `Date: Fri, 12 Nov 2021 16:16:45 GMT`, `Referer-Policy: no-referrer-when-downgrade`, `Server: nginx`, `Strict-Transport-Security: max-age=31536000; includeSubDomains`, and `X-Content-Options: nosniff`.

The screenshot shows a web browser window with the URL <https://www.thisoldhouse.com/the-concord-country-cape/22763248/s43-a6-tree-dr-house-call>. The page content includes a video player showing a man working on a wooden structure. Below the video player is a network inspector showing a list of requests. The selected request is a GET to `content-audio2-up-1.uplynk.com/7222e6a379549c9008a0acbb0b1e197f.m3u8?ipb-cd6ee444bae4559a5b40b40f2cf903`. The response headers include `Access-Control-Allow-Origin: *`, `Cache-Control: no-cache, no-store`, `Content-Encoding: br`, `Content-Length: 1727`, `Content-Type: application/vnd.apple.mpegurl`, `Date: Fri, 12 Nov 2021 16:16:45 GMT`, `Referer-Policy: no-referrer-when-downgrade`, `Server: nginx`, `Strict-Transport-Security: max-age=31536000; includeSubDomains`, and `X-Content-Options: nosniff`.

See e.g., <https://www.thisoldhouse.com>.

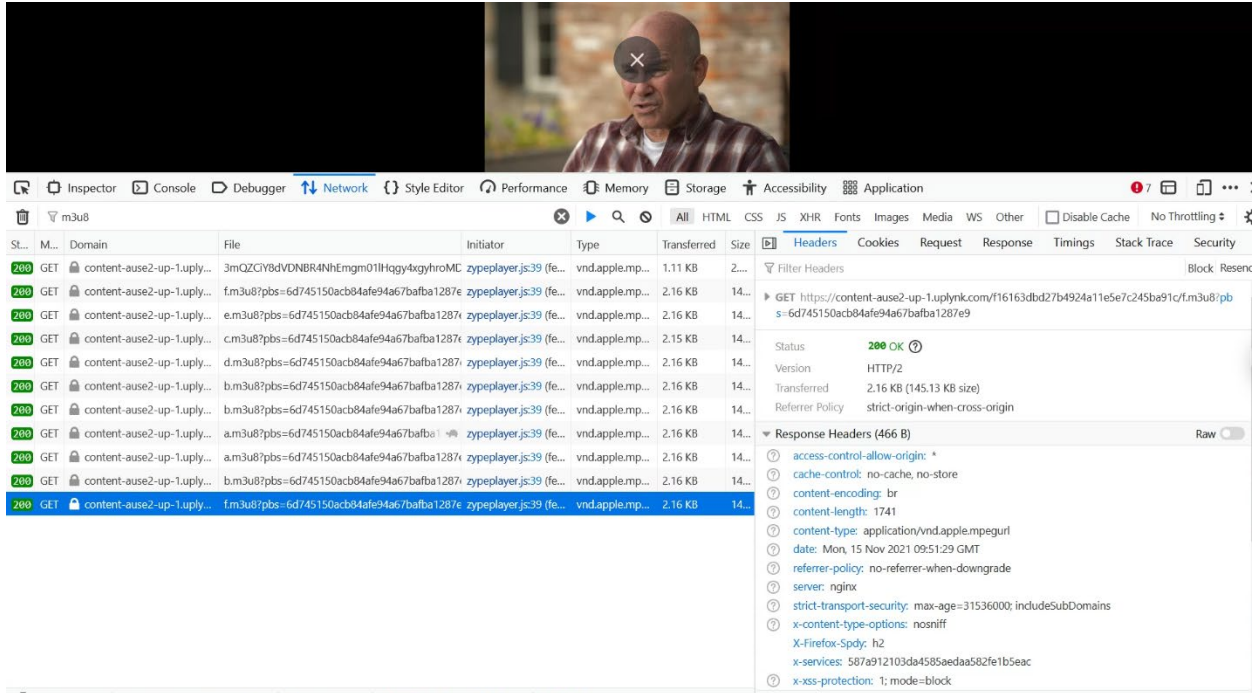
104. This Old House identifies, at the at least one computing device (e.g., This Old House server(s), such as <https://www.thisoldhouse.com/>), whether the requested

media (e.g., television program) is available for streaming to the at least one communication device (e.g., client device, such as a personal computer, mobile device, television) in accordance with at least one program as demonstrated by the examples provided below:

The screenshot shows a video player interface with a man's face, overlaid with a red 'X'. Below the video is a browser's developer tools network tab. The network tab shows a list of requests to 'content-ause2-up-1.uplynk.com'. The selected request is a GET request for the file 'f.m3u8?pbs=6d745150acb84afe94a67ba1287c'. The request headers are visible on the right side of the developer tools.

St...	M...	Domain	File	Initiator	Type	Transferred	Size	Headers
200	GET	content-ause2-up-1.uplynk.com	3mQZCIY8dVDNBR4NhEmgm01Hkqy4xgyhroMC	zypeplayer.js:39 (fe...	vnd.apple.mp...	1.11 KB	2...	Filter Headers
200	GET	content-ause2-up-1.uplynk.com	f.m3u8?pbs=6d745150acb84afe94a67ba1287c	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	content-type: application/vnd.apple.mpegurl
200	GET	content-ause2-up-1.uplynk.com	e.m3u8?pbs=6d745150acb84afe94a67ba1287c	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	date: Mon, 15 Nov 2021 09:51:29 GMT
200	GET	content-ause2-up-1.uplynk.com	c.m3u8?pbs=6d745150acb84afe94a67ba1287c	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.15 KB	14...	referrer-policy: no-referrer-when-downgrade
200	GET	content-ause2-up-1.uplynk.com	d.m3u8?pbs=6d745150acb84afe94a67ba1287c	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	server: nginx
200	GET	content-ause2-up-1.uplynk.com	b.m3u8?pbs=6d745150acb84afe94a67ba1287c	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	strict-transport-security: max-age=31536000; includeSubDomains
200	GET	content-ause2-up-1.uplynk.com	b.m3u8?pbs=6d745150acb84afe94a67ba1287c	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	x-content-type-options: nosniff
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67ba1287c	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	X-Firefox-Spdy: h2
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67ba1287c	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	x-services: 587a912103da4585aadaa582fe1b5eac
200	GET	content-ause2-up-1.uplynk.com	b.m3u8?pbs=6d745150acb84afe94a67ba1287c	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	x-xss-protection: 1; mode=block
Request Headers (470 B)								
200	GET	content-ause2-up-1.uplynk.com	f.m3u8?pbs=6d745150acb84afe94a67ba1287c	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Accept: */*
								Accept-Encoding: gzip, deflate, br
								Accept-Language: en-US,en;q=0.5
								Connection: keep-alive
								Host: content-ause2-up-1.uplynk.com
								Origin: https://player.zype.com
								Referer: https://player.zype.com/
								Sec-Fetch-Dest: empty
								Sec-Fetch-Mode: cors
								Sec-Fetch-Site: cross-site
								TE: trailers
								User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0

11 requests | 1.42 MB / 22.66 KB transferred | Finish: 8.88 min | DOMContentLoaded: 615 ms | load: 2.10 s



SEASON 20 - ASK THIS OLD HOUSE

S20 E6: Easier Plumbing, Roofing 101

See e.g., <https://www.thisoldhouse.com>.

105. This Old House generates, at the at least one computing device (*e.g.*, This Old House server(s), such as <https://www.thisoldhouse.com/>) based on the at least one program, one or more capabilities (*e.g.*, type of communication device, operating system, browser, and/or media player) of the communication device, and at least one characteristic associated with a user of the communication device, (i) at least one list (*e.g.*, M3U8 playlist) identifying at least a portion of the requested media (*e.g.*, television program), (ii) at least one identification (*e.g.*, host name) of the at least one resource (*e.g.*, media streaming server(s)) other than the at least one computing device (*e.g.*, This Old House server(s), such as <https://www.thisoldhouse.com/>) available to facilitate streaming of the at least one portion of the requested media, and (iii) one or more instructions (*e.g.*, segment/file structure) as to how the at least one portion of the requested media is to be streamed to the communication device as demonstrated by the examples provided below:

The screenshot shows a web browser window with the URL <https://www.thisoldhouse.com/the-concord-country-cape/22763248/p43-e6-tree-dr-house-call>. The page features a video player showing a man in a white shirt measuring a wooden post with a yellow tape measure. Below the video player is a network inspector window. The network inspector shows a list of requests and a detailed view of a response from `content-control.apple.com`. The response headers include `access-control-allow-origin: *`, `cache-control: no-cache, no-store`, `content-encoding: br`, `content-length: 1227`, `content-type: application/vnd.apple.mpegurl`, `date: Fri, 12 Nov 2021 16:16:45 GMT`, `referrer-policy: no-referrer-when-downgrade`, `server: nginx`, `strict-transport-security: max-age=31536000; includeSubDomains`, and `x-content-type-options: nosniff`.

The screenshot shows the same web browser window as above. The network inspector shows a list of requests and a detailed view of a request to `content-control.apple.com`. The request headers include `Accept: */*`, `Accept-Encoding: gzip, deflate, br`, `Accept-Language: en-US,en;q=0.5`, `Connection: keep-alive`, `Host: content-control.apple.com`, `Origin: https://playwright.com`, `Referer: https://playwright.com/`, `Sec-Fetch-Dest: empty`, `Sec-Fetch-Mode: cors`, `Sec-Fetch-Site: cross-site`, and `TE: trailers`. The user agent string is `Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv94.0) Gecko/20100101 Firefox/94.0`.

St...	M...	Domain	File	Initiator	Type	Transferred	Size
200	GET	content-aws2-up-1.upl...	f.m3u8?pbs=273d6cb0fc31492b9b4c087d750ea596&cloud-aws&sl=0	zypeplayer.js:39 (f...	vnd.apple.mp...	2.15 KB	1...
200	GET	x-default-stgec.uplynk.c...	F0000056.ts?pbs=273d6cb0fc31492b9b4c087d750ea596&cloud-aws&sl=0	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...
200	GET	x-default-stgec.uplynk.c...	F0000057.ts?pbs=273d6cb0fc31492b9b4c087d750ea596&cloud-aws&sl=0	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...
200	GET	pubads.g.doubleclick...	ads?slotname=142694468/zype_video&sz=640	bridge3.489.0_en...	xml	5.34 KB	2...
200	GET	x-default-stgec.uplynk.c...	F0000058.ts?pbs=273d6cb0fc31492b9b4c087d750ea596&cloud-aws&sl=0	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...
204	P...	csi.gstatic.com	csi?v=2&sz=ima&puid=2-kw05iq7&ec=5392206	bridge3.489.0_en...	gif	390 B	0 B
200	GET	securepubads.g.dou...	view?zai=AKA0jstHr_HLTO77CiyolLokODXSbl8	bridge3.489.0_en...	gif	797 B	0 B
204	P...	csi.gstatic.com	csi?v=2&sz=ima&puid=2-kw05iq7&ec=5392206	ima3.js:98 (beacon)	gif	390 B	0 B
302	GET	redirector.gvt1.com	file.webm	media	webm	3.46 MB	3...
206	GET	r1---sn-q4flm1.gvt1.com	file.webm	media	webm	3.46 MB	3...
200	GET	x-default-stgec.uplynk.c...	F0000059.ts?pbs=273d6cb0fc31492b9b4c087d750ea596&cloud-aws&sl=0	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgec.uplynk.c...	F000005A.ts?pbs=273d6cb0fc31492b9b4c087d750ea596&cloud-aws&sl=0	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgec.uplynk.c...	F000005B.ts?pbs=273d6cb0fc31492b9b4c087d750ea596&cloud-aws&sl=0	zypeplayer.js:39 (f...	octet-stream	1.81 MB	1...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNi96Ryb31Ebagr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	securepubads.g.dou...	view?zai=AKA0jstHr_HLTO77CiyolLokODXSbl8	bridge3.489.0_en...	gif	797 B	0 B
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNi96Ryb31Ebagr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNi96Ryb31Ebagr...	bridge3.489.0_en...	gif	760 B	4...

St...	M...	Domain	File	Initiator	Type	Transferred	Size
200	GET	content-aws2-up-1.upl...	f.m3u8?pbs=273d6cb0fc31492b9b4c087d750ea596&cloud-aws&sl=0	zypeplayer.js:39 (f...	vnd.apple.mp...	2.15 KB	1...
200	GET	x-default-stgec.uplynk.c...	F0000056.ts?pbs=273d6cb0fc31492b9b4c087d750ea596&cloud-aws&sl=0	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...
200	GET	x-default-stgec.uplynk.c...	F0000057.ts?pbs=273d6cb0fc31492b9b4c087d750ea596&cloud-aws&sl=0	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...
200	GET	pubads.g.doubleclick...	ads?slotname=142694468/zype_video&sz=640	bridge3.489.0_en...	xml	5.34 KB	2...
200	GET	x-default-stgec.uplynk.c...	F0000058.ts?pbs=273d6cb0fc31492b9b4c087d750ea596&cloud-aws&sl=0	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...
204	P...	csi.gstatic.com	csi?v=2&sz=ima&puid=2-kw05iq7&ec=5392206	bridge3.489.0_en...	gif	390 B	0 B
200	GET	securepubads.g.dou...	view?zai=AKA0jstHr_HLTO77CiyolLokODXSbl8	bridge3.489.0_en...	gif	797 B	0 B
204	P...	csi.gstatic.com	csi?v=2&sz=ima&puid=2-kw05iq7&ec=5392206	ima3.js:98 (beacon)	gif	390 B	0 B
302	GET	redirector.gvt1.com	file.webm	media	webm	3.46 MB	3...
206	GET	r1---sn-q4flm1.gvt1.com	file.webm	media	webm	3.46 MB	3...
200	GET	x-default-stgec.uplynk.c...	F0000059.ts?pbs=273d6cb0fc31492b9b4c087d750ea596&cloud-aws&sl=0	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgec.uplynk.c...	F000005A.ts?pbs=273d6cb0fc31492b9b4c087d750ea596&cloud-aws&sl=0	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgec.uplynk.c...	F000005B.ts?pbs=273d6cb0fc31492b9b4c087d750ea596&cloud-aws&sl=0	zypeplayer.js:39 (f...	octet-stream	1.81 MB	1...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNi96Ryb31Ebagr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	securepubads.g.dou...	view?zai=AKA0jstHr_HLTO77CiyolLokODXSbl8	bridge3.489.0_en...	gif	797 B	0 B
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNi96Ryb31Ebagr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNi96Ryb31Ebagr...	bridge3.489.0_en...	gif	760 B	4...

See e.g., <https://www.thisoldhouse.com>.

106. This Old House transmits, the at least one list (e.g., M3U8 playlist), the least one identification (e.g., host name) of the at least one resource (e.g., media

streaming server(s)), and the one or more instructions (e.g., segment/file structure) from the at least one computing device (e.g., This Old House server(s), such as <https://www.thisoldhouse.com/>) to the at least one communication device via the communication network as demonstrated by the examples provided below:

The image shows a video player interface with a man's face. One of his eyes is obscured by a black circle with a white 'X'. Below the video player is the Chrome DevTools Network tab, displaying a list of network requests. The selected request is a GET request to `https://content-ause2-up-1.uplynk.com/f16163dbd27b4924a11e5e7c245ba91c/fm3u8?pbs=6d745150acb84afe94a67ba1287e9`. The response headers are visible on the right side of the interface.

St...	M...	Domain	File	Initiator	Type	Transferred	Size	Headers
200	GET	content-ause2-up-1.uplynk.com	3mQZCIY8dVDNBR4NhEmgm01Hhqqy4xgyhroMC	zyeplayer.js:39 (fe...	vnd.apple.mp...	1.11 KB	2...	Filter Headers
200	GET	content-ause2-up-1.uplynk.com	f.m3u8?pbs=6d745150acb84afe94a67ba1287e9	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	GET https://content-ause2-up-1.uplynk.com/f16163dbd27b4924a11e5e7c245ba91c/fm3u8?pbs=6d745150acb84afe94a67ba1287e9
200	GET	content-ause2-up-1.uplynk.com	e.m3u8?pbs=6d745150acb84afe94a67ba1287e9	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Status: 200 OK
200	GET	content-ause2-up-1.uplynk.com	c.m3u8?pbs=6d745150acb84afe94a67ba1287e9	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.15 KB	14...	Version: HTTP/2
200	GET	content-ause2-up-1.uplynk.com	d.m3u8?pbs=6d745150acb84afe94a67ba1287e9	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Transferred: 2.16 KB (145.13 KB size)
200	GET	content-ause2-up-1.uplynk.com	b.m3u8?pbs=6d745150acb84afe94a67ba1287e9	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Referrer Policy: strict-origin-when-cross-origin
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67ba1287e9	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Response Headers (466 B)
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67ba1287e9	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	access-control-allow-origin: *
200	GET	content-ause2-up-1.uplynk.com	b.m3u8?pbs=6d745150acb84afe94a67ba1287e9	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	cache-control: no-cache, no-store
200	GET	content-ause2-up-1.uplynk.com	b.m3u8?pbs=6d745150acb84afe94a67ba1287e9	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	content-encoding: br
200	GET	content-ause2-up-1.uplynk.com	f.m3u8?pbs=6d745150acb84afe94a67ba1287e9	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	content-length: 1741
200	GET	content-ause2-up-1.uplynk.com	f.m3u8?pbs=6d745150acb84afe94a67ba1287e9	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	content-type: application/vnd.apple.mpegurl
200	GET	content-ause2-up-1.uplynk.com	f.m3u8?pbs=6d745150acb84afe94a67ba1287e9	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	date: Mon, 15 Nov 2021 09:51:29 GMT
200	GET	content-ause2-up-1.uplynk.com	f.m3u8?pbs=6d745150acb84afe94a67ba1287e9	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	referrer-policy: no-referrer-when-downgrade
200	GET	content-ause2-up-1.uplynk.com	f.m3u8?pbs=6d745150acb84afe94a67ba1287e9	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	server: nginx
200	GET	content-ause2-up-1.uplynk.com	f.m3u8?pbs=6d745150acb84afe94a67ba1287e9	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	strict-transport-security: max-age=31536000; includeSubDomains
200	GET	content-ause2-up-1.uplynk.com	f.m3u8?pbs=6d745150acb84afe94a67ba1287e9	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	x-content-type-options: nosniff
200	GET	content-ause2-up-1.uplynk.com	f.m3u8?pbs=6d745150acb84afe94a67ba1287e9	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	X-Firefox-Spdy: h2
200	GET	content-ause2-up-1.uplynk.com	f.m3u8?pbs=6d745150acb84afe94a67ba1287e9	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	x-services: 587a912103da4585aedaa582fe1b5eac
200	GET	content-ause2-up-1.uplynk.com	f.m3u8?pbs=6d745150acb84afe94a67ba1287e9	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	x-xss-protection: 1; mode=block

The screenshot shows the Network tab in a browser's developer tools. A list of 11 requests is visible, all with a status of 200 and a type of 'vnd.apple.mp...'. The selected request is highlighted in blue. The 'Request Headers' panel is open, showing the following information:

- Accept: */*
- Accept-Encoding: gzip, deflate, br
- Accept-Language: en-US,en;q=0.5
- Connection: keep-alive
- Host: content-ause2-up-1.uplynk.com
- Origin: https://player.zype.com
- Referer: https://player.zype.com/v
- Sec-Fetch-Dest: empty
- Sec-Fetch-Mode: cors
- Sec-Fetch-Site: cross-site
- TE: trailers
- User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv94.0) Gecko/20100101 Firefox/94.0

The screenshot shows the Network tab in a browser's developer tools. A list of 11 requests is visible, all with a status of 200 and a type of 'vnd.apple.mp...'. The selected request is highlighted in blue. The 'Response Payload' panel is open, showing a list of headers and metadata:

```

1 #EXTM3U
2 #EXT-X-VERSION:5
3 #EXT-X-PLAYLIST-TYPE:VOD
4 #EXT-X-MEDIA-SEQUENCE:0
5 #EXT-X-TARGETDURATION:0
6 #UPLYNK-SEGMENT: f16163dbd27b4924a11e5e7c245ba91c,00000000,segment
7 #UPLYNK-KEY:https://content-ause2-up-1.uplynk.com/check?b=f16163dbd27b4924
8 #EXT-X-PROGRAM-DATE-TIME:2021-11-15T09:51:20.968000+00:00
9 #EXT-X-KEY:METHOD=AES-128,URI="https://content-ause2-up-1.uplynk.com/check
10 #EXTINF:4.0960,
11 https://x-default-stg.ec.uplynk.com/ausw/slices/f16/7d44d8ceb184751b43edb3
12 #EXT-X-KEY:METHOD=AES-128,URI="https://content-ause2-up-1.uplynk.com/check
13 #EXTINF:4.0960,
14 https://x-default-stg.ec.uplynk.com/ausw/slices/f16/7d44d8ceb184751b43edb3
15 #EXT-X-KEY:METHOD=AES-128,URI="https://content-ause2-up-1.uplynk.com/check
16 #EXTINF:4.0960,
17 https://x-default-stg.ec.uplynk.com/ausw/slices/f16/7d44d8ceb184751b43edb3
18 #EXT-X-KEY:METHOD=AES-128,URI="https://content-ause2-up-1.uplynk.com/check
19 #EXTINF:4.0960,
20 https://x-default-stg.ec.uplynk.com/ausw/slices/f16/7d44d8ceb184751b43edb3
21 #EXT-X-KEY:METHOD=AES-128,URI="https://content-ause2-up-1.uplynk.com/check
22 #EXTINF:4.0960,
23 https://x-default-stg.ec.uplynk.com/ausw/slices/f16/7d44d8ceb184751b43edb3
24 #EXT-X-KEY:METHOD=AES-128,URI="https://content-ause2-up-1.uplynk.com/check
25 #EXTINF:4.0960,
26 https://x-default-stg.ec.uplynk.com/ausw/slices/f16/7d44d8ceb184751b43edb3
27 #EXT-X-KEY:METHOD=AES-128,URI="https://content-ause2-up-1.uplynk.com/check
28 #EXTINF:4.0960,
29 https://x-default-stg.ec.uplynk.com/ausw/slices/f16/7d44d8ceb184751b43edb3
30 #EXT-X-KEY:METHOD=AES-128,URI="https://content-ause2-up-1.uplynk.com/check
31 #EXTINF:4.0960,
32 https://x-default-stg.ec.uplynk.com/ausw/slices/f16/7d44d8ceb184751b43edb3
33 #EXT-X-KEY:METHOD=AES-128,URI="https://content-ause2-up-1.uplynk.com/check
    
```

See e.g., <https://www.thisoldhouse.com>.

107. On information and belief, This Old House identifies at least one revenue sharing rule for sharing between at least two parties at least a percentage of revenue

generated by streaming the at least the portion of the requested media (*e.g.*, television program).

108. On information and belief, This Old House generates at least one settlement record based on the at least one revenue sharing rule for sharing between the at least two parties the at least the percentage of revenue generated by streaming the at least the portion of the requested media (*e.g.*, television program).

109. SITO has been damaged by the direct infringement of This Old House, and is suffering and will continue to suffer irreparable harm and damages as a result of this infringement.

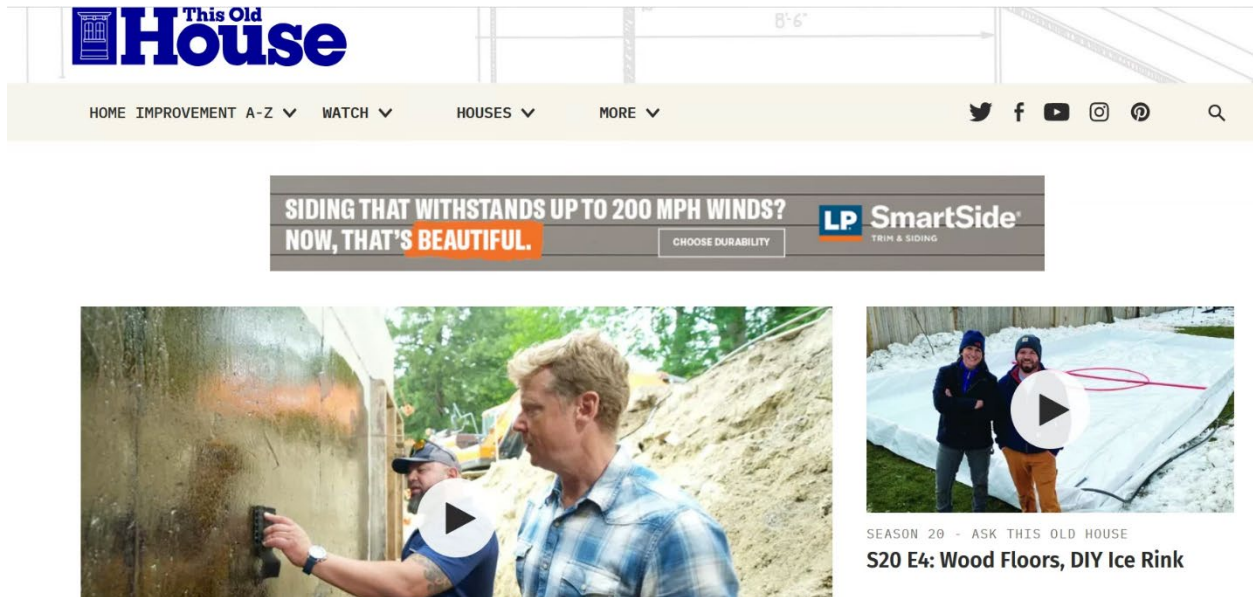
Count IV - Infringement of United States Patent No. 9,026,673

110. SITO alleges, and incorporates by reference, as if fully set forth here, the preceding paragraphs of this Complaint.

111. This Old House directly infringes (literally and/or under the doctrine of equivalents) the '673 patent by using the method covered by at least claim 1 of the '673 patent.

112. On information and belief, and without SITO's approval, authorization and license, This Old House owns, controls, operates and uses a system for streaming media that includes This Old House Streaming Platform, as well as other This Old House networks, systems, devices, components and/or services for streaming media, that practices and infringes the media streaming method recited in at least claim 1 of the '673 patent.

113. This Old House performs a method of streaming video as demonstrated by the example provided below:



See e.g., <https://www.thisoldhouse.com>.

114. This Old House receives, by at least one computing device (e.g., server(s)) via a communication network (e.g., the Internet), a request (e.g., GET request) for media (e.g., television program) from at least one communication device (e.g., client device such as a personal computer, mobile device, and/or television) capable of using instructions (e.g., contained within an M3U8 file(s)) received from the at least one computing device to obtain at least one portion of the requested media using at least one resource (e.g., streaming server(s)) other than the at least one computing device as demonstrated by the example provided below:

The screenshot shows a video player interface with a man's face and a red 'X' over his eyes. Below the video is a browser's developer network tool. The network tool shows a list of requests, with the selected request having the following response headers:

```

Status: 200 OK
Version: HTTP/2
Transferred: 2.16 KB (145.13 KB size)
Referrer Policy: strict-origin-when-cross-origin

Response Headers (466 B)
- access-control-allow-origin: *
- cache-control: no-cache, no-store
- content-encoding: br
- content-length: 1741
- content-type: application/vnd.apple.mpegurl
- date: Mon, 15 Nov 2021 09:51:29 GMT
- referrer-policy: no-referrer-when-downgrade
- server: nginx
- strict-transport-security: max-age=31536000; includeSubDomains
- x-content-type-options: nosniff
- X-Firefox-Spdy: h2
- x-services: 587a912103da4585aedaa582fe1b5eac
- x-xss-protection: 1; mode=block
    
```

The screenshot shows a video player interface with a man's face and a red 'X' over his eyes. Below the video is a browser's developer network tool. The network tool shows a list of requests, with the selected request having the following request headers:

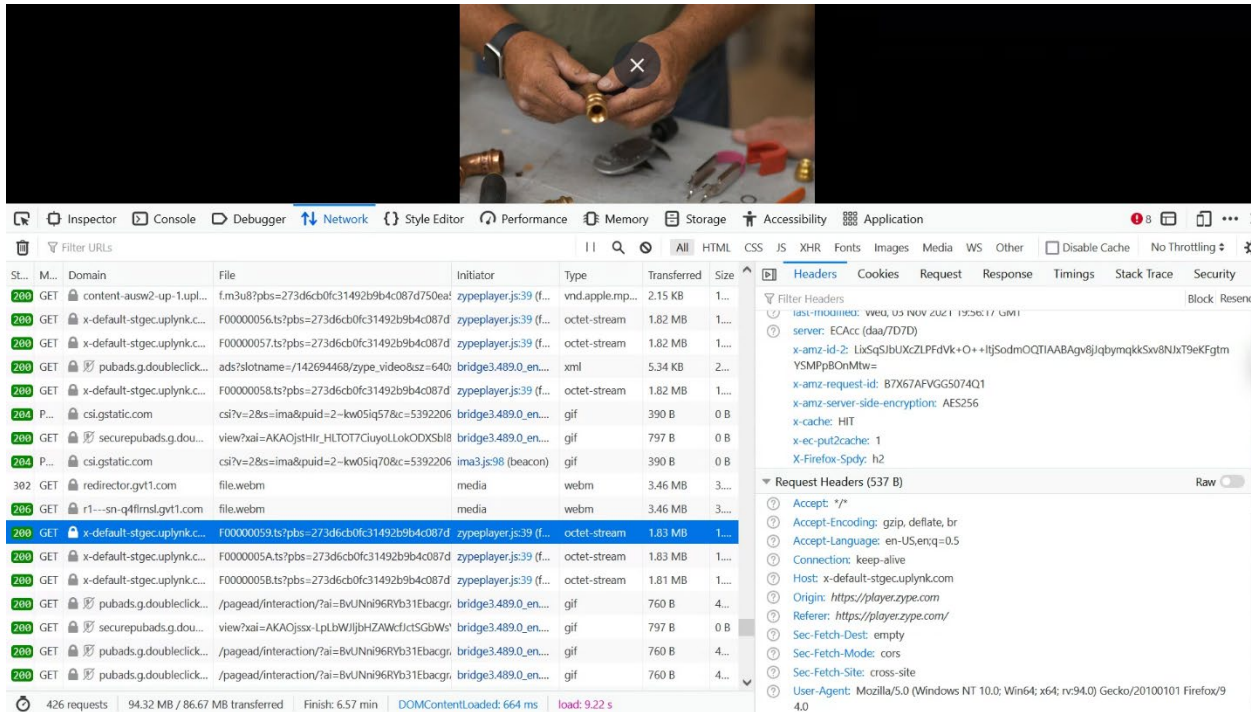
```

Request Headers (470 B)
- Accept: */*
- Accept-Encoding: gzip, deflate, br
- Accept-Language: en-US,en;q=0.5
- Connection: keep-alive
- Host: content-ause2-up-1.uplynk.com
- Origin: https://player.zype.com
- Referer: https://player.zype.com/v
- Sec-Fetch-Dest: empty
- Sec-Fetch-Mode: cors
- Sec-Fetch-Site: cross-site
- TE: trailers
- User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0
    
```

See e.g., <https://www.thisoldhouse.com>.

115. This Old House determines, by the at least one computing device (e.g., server(s)), whether the at least one portion of the requested media (e.g., video

segment(s)) is available for streaming in accordance with at least one program comprising at least one media selector (*e.g.*, rules/instructions) defining how to select at least one other media (*e.g.*, advertisement) as demonstrated by the example provided below:



The screenshot displays a video player interface with a network inspector overlay on the right. The video shows a person's hands working with tools on a workbench. The network inspector shows a list of requests, with the selected request being a video stream from 'zypeplayer.js:39'. The request headers for this video stream are as follows:

Header	Value
Accept	*/*
Accept-Encoding	gzip, deflate, br
Accept-Language	en-US,en;q=0.5
Connection	keep-alive
Host	x-default-stgecuplynk.com
Origin	https://player.zype.com
Referer	https://player.zype.com/
Sec-Fetch-Dest	empty
Sec-Fetch-Mode	cors
Sec-Fetch-Site	cross-site
User-Agent	Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0

The screenshot displays a web browser window with a video player at the top. Below the video, a network inspector is open, showing a list of network requests. The selected request is a GET request to a video file. The response headers are visible on the right side of the inspector.

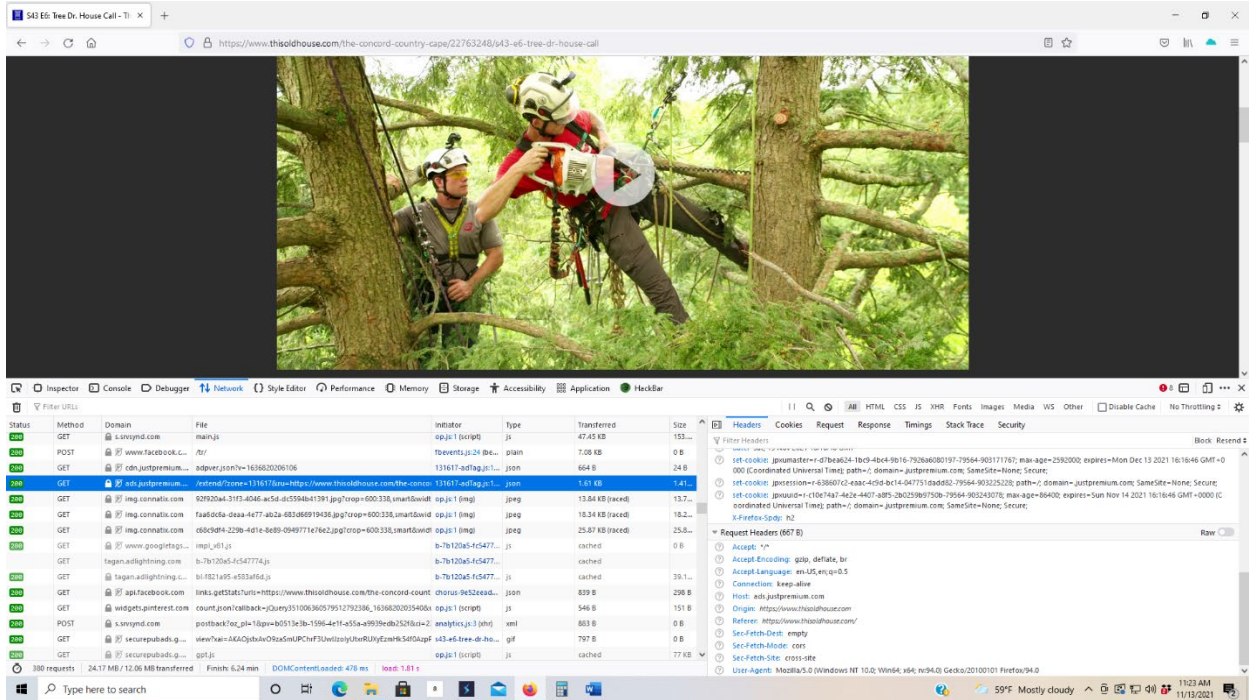
St...	M...	Domain	File	Initiator	Type	Transferred	Size
200	GET	content-ausw2-up-1.upl...	f.m3u8?pbs=273d6cb0fc31492b9b4c087d750ea...	zypeplayer.js:39 (f...	vnd.apple.mp...	2.15 KB	1...
200	GET	x-default-stgce.uplynk.c...	F0000056.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...
200	GET	x-default-stgce.uplynk.c...	F0000057.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...
200	GET	pubads.g.doubleclick...	ads?slotname=/142694468/zype_video&sz=640...	bridge3.489.0.en...	xml	5.34 KB	2...
200	GET	x-default-stgce.uplynk.c...	F0000058.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...
204	P...	csi.gstatic.com	csi?v=2&cs=ima&puid=2-kw05iq57&c=5392206	bridge3.489.0.en...	390 B	0 B	
200	GET	securepubads.g.dou...	view?ai=AKAOfstHr_HLTO7CiyUoLLOKODXBI8	bridge3.489.0.en...	gif	797 B	0 B
204	P...	csi.gstatic.com	csi?v=2&cs=ima&puid=2-kw05iq70&c=5392206	ima3.js:98 (beacon)	gif	390 B	0 B
302	GET	redirector.gvt1.com	file.webm	media	webm	3.46 MB	3...
206	GET	r11--sn-q4flmsl.gvt1.com	file.webm	media	webm	3.46 MB	3...
200	GET	x-default-stgce.uplynk.c...	F0000059.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgce.uplynk.c...	F000005A.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgce.uplynk.c...	F000005B.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.81 MB	1...
200	GET	x-default-stgce.uplynk.c...	F000005C.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.81 MB	1...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RYb31Ebacgr...	bridge3.489.0.en...	gif	760 B	4...
200	GET	securepubads.g.dou...	view?ai=AKAOfstHr_LpLWjibHZAWfcfSGbW5...	bridge3.489.0.en...	gif	797 B	0 B
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RYb31Ebacgr...	bridge3.489.0.en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RYb31Ebacgr...	bridge3.489.0.en...	gif	760 B	4...

420 requests | 83.40 MB / 75.74 MB transferred | Finish: 6.16 min | DOMContentLoaded: 664 ms | load: 9.22 s

The screenshot displays a web browser window with a video player at the top. Below the video, a network inspector is open, showing a list of network requests. The selected request is a GET request to a video file. The response headers are visible on the right side of the inspector.

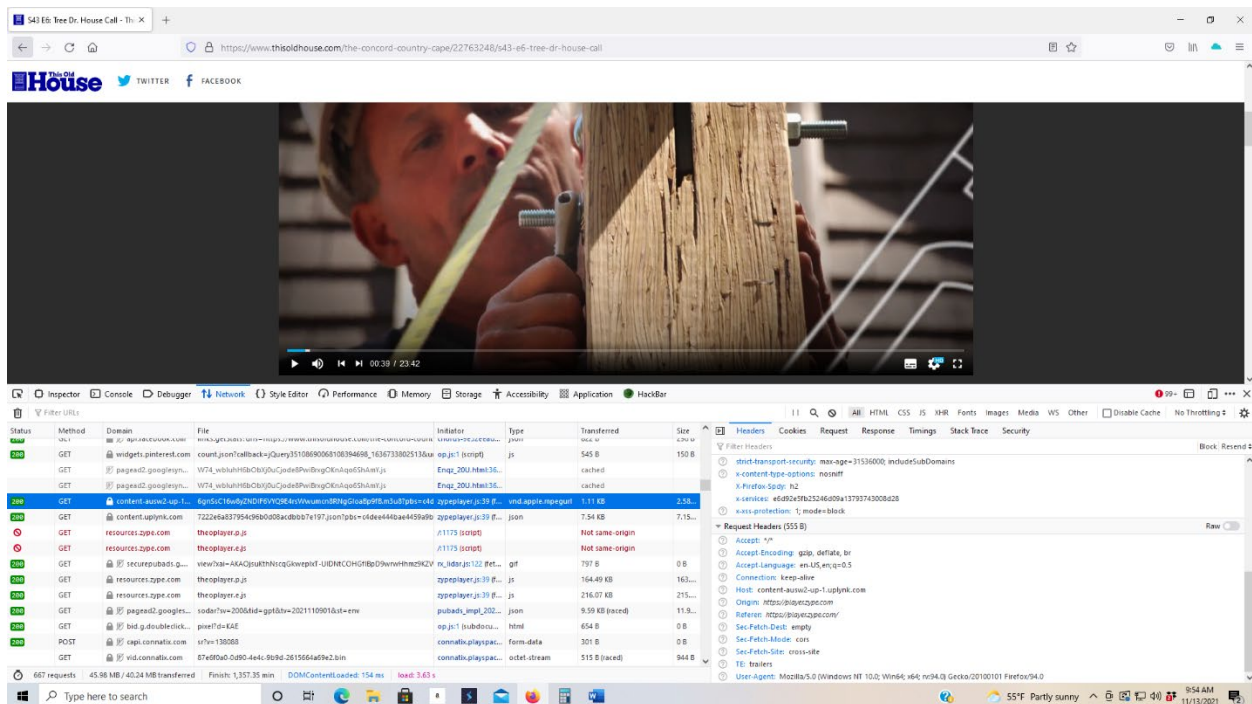
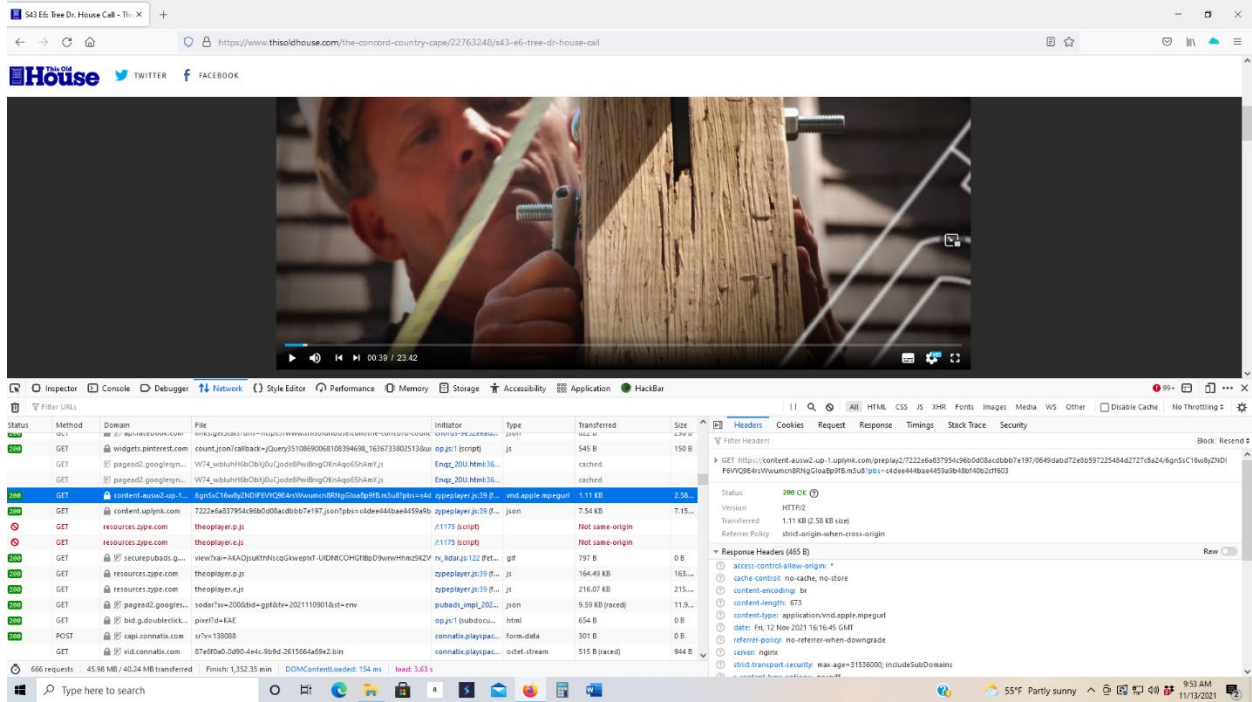
Status	Method	Domain	File	Initiator	Type	Transferred	Size	
200	GET	s3.amazonaws.com	main.js	op.js:1 (script)	js	47.45 KB	153...	
200	POST	www.facebook.com	/tr	fbevents.js:24 (de...	plain	7.08 KB	0 B	
200	GET	cdn.justpremium.com	adpwr.js?v=1636820206106	131617-adfag.js:1...	json	664 B	24 B	
200	GET	ads.justpremium.com	zone/13161759a=Hq3/www.thisoldhouse.com/the-concord-country-cape-22763248/y43-e6-tree-dr-house-call	131617-adfag.js:1...	json	1.61 KB	141...	
200	GET	img.connatis.com	52920a4-31f3-4046-e54-dc5584b1391.jpg?crop=600:338:smart&w=183...	op.js:1 (img)	jpg	13.84 KB (traced)	13.7...	
200	GET	img.connatis.com	faa6c6fa-4dea-4e77-a02a-683a66919436.jpg?crop=600:338:smart&w=183...	op.js:1 (img)	jpg	18.34 KB (traced)	18.2...	
200	GET	img.connatis.com	d86c9d4-2209-4d1e-b839-09497716762.jpg?crop=600:338:smart&w=183...	op.js:1 (img)	jpg	25.87 KB (traced)	25.8...	
200	GET	www.googletagservices.com	impl_v61.js	b-7b120a5-fd5477...	js	cached	0 B	
200	GET	tegen.adlighting.com	b-7b120a5-fd54774.js	b-7b120a5-fd5477...	js	cached	0 B	
200	GET	tegen.adlighting.com	b1821a95-e531a64.js	b-7b120a5-fd5477...	js	cached	39.1...	
200	GET	api.facebook.com	links.getStats?uri=https://www.thisoldhouse.com/the-concord-county-cape-22763248/y43-e6-tree-dr-house-call	chorus-9432eaa...	json	839 B	298 B	
200	GET	widgets.pinterest.com	count.json?callback=jQuery31100630579512792386_1636820206106&op.js:1 (script)	op.js:1 (script)	js	546 B	151 B	
200	POST	s.wimg.com	postback_for_pil=10p+w=60513b7b-1596-4e1f-a55a-89939b2b2521&u=2	analytics.js:3 (xhr)	xml	883 B	0 B	
200	GET	securepubads.g...	view?ai=AKAOfstHr_09a5SmUPChF3UwltzzyUhrRUjYEmHkS410a&pf=443-e6-tree-dr-house-call	op.js:1 (script)	gif	797 B	0 B	
200	GET	securepubads.g...	gpt.js	op.js:1 (script)	js	cached	77 KB	0 B

380 requests | 24.17 MB / 12.06 MB transferred | Finish: 6.24 min | DOMContentLoaded: 478 ms | load: 7.81 s



See e.g., <https://watch.thisoldhouse.com>.

116. On information and belief, This Old House includes a media selector for an advertisement in an M3U8 file(s). On information and belief, a server in This Old House determines the at least one other media based on the at least one media selector as demonstrated by the example provided below:



See e.g., <https://watch.thisoldhouse.com>.

117. This Old House generates, by the at least one computing device and based on one or more capabilities (e.g., type of device (e.g., PC), operating system, browser

and/or media player) of the communication device, at least one play script (e.g., at least one M3U8 file) as demonstrated by the example provided below:

The screenshot shows the Network tab in a browser's developer tools. A list of requests is displayed, with the selected request being a GET request for an M3U8 file. The headers section is expanded, showing the following request headers:

- Accept: */*
- Accept-Encoding: gzip, deflate, br
- Accept-Language: en-US,en;q=0.5
- Connection: keep-alive
- Host: content-ause2-up-1.uplynk.com
- Origin: https://player.zype.com
- Referer: https://player.zype.com/
- Sec-Fetch-Dest: empty
- Sec-Fetch-Mode: cors
- Sec-Fetch-Site: cross-site
- TE: trailers
- User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0

The screenshot shows the Network tab in a browser's developer tools. A list of requests is displayed, with the selected request being a GET request for an M3U8 file. The response section is expanded, showing the following response headers:

- access-control-allow-origin: *
- cache-control: no-cache, no-store
- content-encoding: br
- content-length: 1741
- content-type: application/vnd.apple.mpegurl
- date: Mon, 15 Nov 2021 09:51:29 GMT
- referrer-policy: no-referrer-when-downgrade
- server: nginx
- strict-transport-security: max-age=31536000; includeSubDomains
- x-content-type-options: nosniff
- X-Firefox-Spdy: h2
- x-services: 587a912103da4585aedaa582fe1b5eac
- x-xss-protection: 1; mode=block

See e.g., <https://www.thisoldhouse.com>.

118. The M3U8 file(s) includes an identification (e.g., segment information/segment file name) of the at least one portion of the requested media as demonstrated by the examples provided below:

The screenshot shows a video player interface with a network inspector below it. The video player displays a man's face with a crosshair. The network inspector shows a list of requests and a detailed view of a response header. The response header includes the following information:

- Status: 200 OK
- Version: HTTP/2
- Transferred: 2.16 KB (145.13 KB size)
- Referrer Policy: strict-origin-when-cross-origin
- Response Headers (466 B):
 - access-control-allow-origin: *
 - cache-control: no-cache, no-store
 - content-encoding: br
 - content-length: 1741
 - content-type: application/vnd.apple.mpegurl
 - date: Mon, 15 Nov 2021 09:51:29 GMT
 - referrer-policy: no-referrer-when-downgrade
 - server: nginx
 - strict-transport-security: max-age=31536000; includeSubDomains
 - x-content-type-options: nosniff
 - X-Firefox-Spdy: h2
 - x-services: 587a912103da4585aedaa582fe1b5eac
 - x-xss-protection: 1; mode=block

The screenshot shows a video player interface with a network inspector below it. The video player displays a man's face with a crosshair. The network inspector shows a list of requests and a detailed view of a request header. The request header includes the following information:

- Request Headers (470 B):
 - Accept: */*
 - Accept-Encoding: gzip, deflate, br
 - Accept-Language: en-US,er;q=0.5
 - Connection: keep-alive
 - Host: content-ause2-up-1.uplynk.com
 - Origin: https://player.zype.com
 - Referer: https://player.zype.com/
 - Sec-Fetch-Dest: empty
 - Sec-Fetch-Mode: cors
 - Sec-Fetch-Site: cross-site
 - TE: trailers
 - User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0

The screenshot shows a browser's developer tools interface. At the top, a video player is visible. Below it, the 'Network' tab is active, displaying a list of requests. The selected request is a GET request to a file named 'm3u8' from the domain 'content-ause2-up-1.uplynk.com'. The response payload is expanded, showing a list of metadata fields including #EXTM3U, #EXT-X-VERSION:5, #EXT-X-PLAYLIST-TYPE:VOD, #EXT-X-MEDIA-SEQUENCE:0, #EXT-X-TARGETDURATION:8, #IPLYNK-SEGMENT, #IPLYNK-KEY, #EXT-X-PROGRAM-DATE-TIME, #EXT-X-KEY-METHOD-AES-128, #EXTINF:4.9960, and #EXT-X-KEY-METHOD-AES-128.

St...	M...	Domain	File	Initiator	Type	Transferred	Size	Headers	Cookies	Request	Response	Timings	Stack Trace	Security
200	GET	content-ause2-up-1.uplynk.com	3mQZCY8dVDNBR4NHEmgm01Hqgy4xgyhroMC	zypeplayer.js:39 (fe...	vnd.apple.mp...	1.11 KB	2...	Response Payload						
200	GET	content-ause2-up-1.uplynk.com	f.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	1 #EXTM3U						
200	GET	content-ause2-up-1.uplynk.com	e.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	2 #EXT-X-VERSION:5						
200	GET	content-ause2-up-1.uplynk.com	c.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.15 KB	14...	3 #EXT-X-PLAYLIST-TYPE:VOD						
200	GET	content-ause2-up-1.uplynk.com	d.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	4 #EXT-X-MEDIA-SEQUENCE:0						
200	GET	content-ause2-up-1.uplynk.com	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	5 #EXT-X-TARGETDURATION:8						
200	GET	content-ause2-up-1.uplynk.com	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	6 #IPLYNK-SEGMENT: f16163dbd27b4924a11e5e7c245ba91c,00000000,segment						
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	7 #IPLYNK-KEY:https://content-ause2-up-1.uplynk.com/check?b=f16163dbd27b4924						
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	8 #EXT-X-PROGRAM-DATE-TIME:2021-11-15T09:51:20.968000+00:00						
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	9 #EXT-X-KEY-METHOD-AES-128,URI="https://content-ause2-up-1.uplynk.com/check						
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	10 #EXTINF:4.9960,						
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	11 https://x-default-stg.ec.uplynk.com/ausw/slices/f16/7d44d8cebd184751b43edb3						
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	12 #EXT-X-KEY-METHOD-AES-128,URI="https://content-ause2-up-1.uplynk.com/check						
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	13 #EXTINF:4.9960,						
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	14 https://x-default-stg.ec.uplynk.com/ausw/slices/f16/7d44d8cebd184751b43edb3						
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	15 #EXT-X-KEY-METHOD-AES-128,URI="https://content-ause2-up-1.uplynk.com/check						
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	16 #EXTINF:4.9960,						
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	17 https://x-default-stg.ec.uplynk.com/ausw/slices/f16/7d44d8cebd184751b43edb3						
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	18 #EXT-X-KEY-METHOD-AES-128,URI="https://content-ause2-up-1.uplynk.com/check						
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	19 #EXTINF:4.9960,						
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	20 https://x-default-stg.ec.uplynk.com/ausw/slices/f16/7d44d8cebd184751b43edb3						
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	21 #EXT-X-KEY-METHOD-AES-128,URI="https://content-ause2-up-1.uplynk.com/check						
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	22 #EXTINF:4.9960,						
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	23 https://x-default-stg.ec.uplynk.com/ausw/slices/f16/7d44d8cebd184751b43edb3						
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	24 #EXT-X-KEY-METHOD-AES-128,URI="https://content-ause2-up-1.uplynk.com/check						
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	25 #EXTINF:4.9960,						
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	26 https://x-default-stg.ec.uplynk.com/ausw/slices/f16/7d44d8cebd184751b43edb3						
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	27 #EXT-X-KEY-METHOD-AES-128,URI="https://content-ause2-up-1.uplynk.com/check						
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	28 #EXTINF:4.9960,						
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	29 https://x-default-stg.ec.uplynk.com/ausw/slices/f16/7d44d8cebd184751b43edb3						
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	30 #EXT-X-KEY-METHOD-AES-128,URI="https://content-ause2-up-1.uplynk.com/check						
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	31 #EXTINF:4.9960,						
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	32 https://x-default-stg.ec.uplynk.com/ausw/slices/f16/7d44d8cebd184751b43edb3						
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	33 #EXT-X-KEY-METHOD-AES-128,URI="https://content-ause2-up-1.uplynk.com/check						

See e.g., <https://www.thisoldhouse.com>.

119. The M3U8 file(s) includes an identification (e.g., identification of one or more ad breaks between video segments) of the at least one other media (e.g., advertisement) as demonstrated by the examples provided below:

The screenshot shows a video player with a man's face and a red 'X' over his eyes. Below the video is a browser's developer network tool. The network tool shows a list of requests, with the selected request having the following response headers:

```

Status: 200 OK
Version: HTTP/2
Transferred: 2.16 KB (145.13 KB size)
Referrer Policy: strict-origin-when-cross-origin

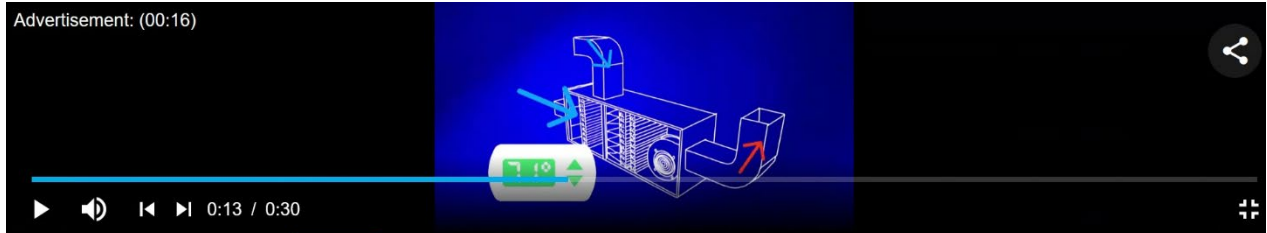
Response Headers (466 B)
- access-control-allow-origin: *
- cache-control: no-cache, no-store
- content-encoding: br
- content-length: 1741
- content-type: application/vnd.apple.mpegurl
- date: Mon, 15 Nov 2021 09:51:29 GMT
- referrer-policy: no-referrer-when-downgrade
- server: nginx
- strict-transport-security: max-age=31536000; includeSubDomains
- x-content-type-options: nosniff
- X-Firefox-Spdy: h2
- x-services: 587a912103da4585aedaa582fe1b5eac
- x-xss-protection: 1; mode=block
    
```

The screenshot shows a video player with a man's face and a red 'X' over his eyes. Below the video is a browser's developer network tool. The network tool shows a list of requests, with the selected request having the following request headers:

```

Request Headers (470 B)
- Accept: */*
- Accept-Encoding: gzip, deflate, br
- Accept-Language: en-US,en;q=0.5
- Connection: keep-alive
- Host: content-ause2-up-1.uplynk.com
- Origin: https://player.zype.com
- Referer: https://player.zype.com/v
- Sec-Fetch-Dest: empty
- Sec-Fetch-Mode: cors
- Sec-Fetch-Site: cross-site
- TE: trailers
- User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0
    
```

Advertisement: (00:16)



0:13 / 0:30

Inspector Console Debugger Network Style Editor Performance Memory Storage Accessibility Application

St...	M...	Domain	File	Initiator	Type	Transferred	Size
204	P...	csi.gstatic.com	csi?v=2&is=ima&puid=2-kw05iq70&c=5392206	ima3.js:98 (beacon)	gif	390 B	0 B
302	GET	redirector.gvt1.com	file.webm	media	webm	3.46 MB	3...
206	GET	r1---sn-q4ffrns1.gvt1.com	file.webm	media	webm	3.46 MB	3...
200	GET	x-default-stg.ec.uplynk.c...	F00000059.ts?pbs=273d6cb0f31492b9b4c087d	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stg.ec.uplynk.c...	F0000005A.ts?pbs=273d6cb0f31492b9b4c087d	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stg.ec.uplynk.c...	F0000005B.ts?pbs=273d6cb0f31492b9b4c087d	zypeplayer.js:39 (f...	octet-stream	1.81 MB	1...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96Ryb31Ebacgr	bridge.3.489.0_en...	gif	760 B	4...
200	GET	securepubads.g.dou...	view?xai=AKAJOjssx-LpLbWjijbHzAWcftcSGbWwS	bridge.3.489.0_en...	gif	797 B	0 B
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96Ryb31Ebacgr	bridge.3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96Ryb31Ebacgr	bridge.3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96Ryb31Ebacgr	bridge.3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96Ryb31Ebacgr	bridge.3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96Ryb31Ebacgr	bridge.3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96Ryb31Ebacgr	bridge.3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96Ryb31Ebacgr	bridge.3.489.0_en...	gif	760 B	4...
200	P...	capiconnati.com	st?v=138232	connatix.playspace...	form-data	301 B	0 B
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96Ryb31Ebacgr	bridge.3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96Ryb31Ebacgr	bridge.3.489.0_en...	gif	760 B	4...

Filter Headers

GET https://r1---sn-q4ffrns1.gvt1.com/videoPlayback/id/e76597a1a936adef/itag/44/source/gfp_video_ads/require/yes/acao/yes/mime/video%2Fwebm/ctier/L/p/0.0.0.0/pb/0/expire/1636971243/sparams/acao.ctier.expire.id.ip.bits.itag.mh.mime.mip.mm.mr.ms.mv.mvi.p.requires.source/signature/430947a323d20aa1f8268981d28892f85876171d.152dca7b7571b892a5e9edb5e407c3d910538bd/key/cms/1/cms_redirect/yes/mh/kh/mip/207.191.34.198/mm/28/mm/sn-q4ffrns/ms/nvh/ml/1636949373/mv/u/mvi/1/pl/17/file.webm

Status: 206 Partial Content

Version: HTTP/1.1

Transferred: 3.46 MB (3.46 MB size)

Referer Policy: strict-origin-when-cross-origin

Response Headers (563 B)

Accept-Ranges: bytes

Alt-Svc: h3="443"; ma=2592000,h3-29="443"; ma=2592000,h3-Q050="443"; ma=2592000,h3-Q046="443"; ma=2592000,h3-Q043="443"; ma=2592000,quic="443"; ma=2592000; v="46,43"

Cache-Control: private, max-age=21300

Connection: close

Content-Length: 3625758

The screenshot shows a video player interface with a blue background and a 3D wireframe graphic of a server rack. The video title is "Advertisement: (00:16)". The player controls show a progress bar at 0:13 / 0:30. Below the player is the Chrome DevTools Network tab, displaying a list of network requests. The selected request is a GET to "file.webm" from "r1--sn-q4flmsl.gvt1.com" with a size of 3.46 MB. The right-hand pane shows the request headers, including "Accept: video/webm,video/ogg,video/*;q=0.9,application/ogg;q=0.7,audio/*;q=0.6,*/*;q=0.5" and "User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0".

This screenshot is similar to the one above, showing the same video player and network inspector. The selected network request is a GET to "file.webm" from "redirector.gvt1.com" with a size of 3.46 MB. The right-hand pane shows the request headers, including "Accept-Range: bytes", "Cache-Control: private, max-age=21300", "Date: Mon, 15 Nov 2021 04:14:03 GMT", and "User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0".

See e.g., <https://www.thisoldhouse.com>.

120. The M3U8 file(s) includes a reservation identification associated with the request for media as demonstrated by the examples provided below:

The screenshot shows a video player with a man's face and a red 'X' over his eyes. Below the video is a browser's developer network tool. The network tool shows a list of requests, with the selected request having the following response headers:

```

Status: 200 OK
Version: HTTP/2
Transferred: 2.16 KB (145.13 KB size)
Referrer Policy: strict-origin-when-cross-origin

Response Headers (466 B)
- access-control-allow-origin: *
- cache-control: no-cache, no-store
- content-encoding: br
- content-length: 1741
- content-type: application/vnd.apple.mpegurl
- date: Mon, 15 Nov 2021 09:51:29 GMT
- referrer-policy: no-referrer-when-downgrade
- server: nginx
- strict-transport-security: max-age=31536000; includeSubDomains
- x-content-type-options: nosniff
- X-Firefox-Spdy: h2
- x-services: 587a912103da4585aedaa582fe1b5eac
- x-xss-protection: 1; mode=block
    
```

The screenshot shows a video player with a man's face and a red 'X' over his eyes. Below the video is a browser's developer network tool. The network tool shows a list of requests, with the selected request having the following request headers:

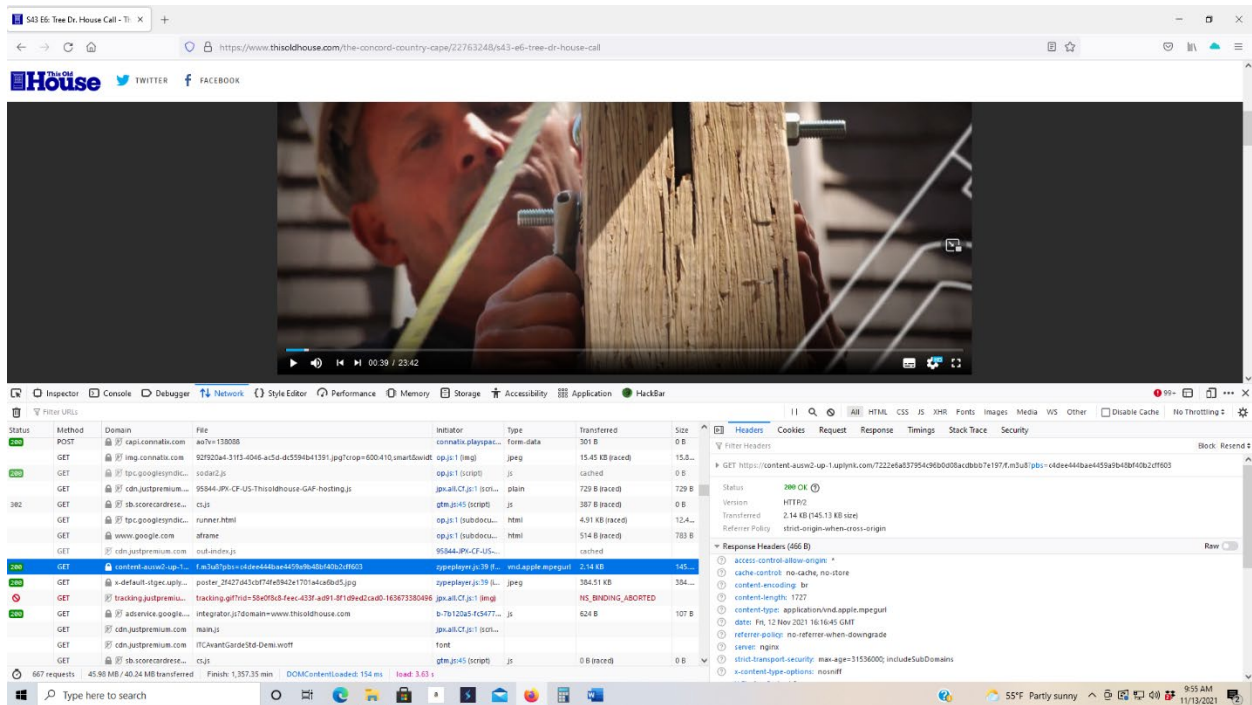
```

Request Headers (470 B)
- Accept: */*
- Accept-Encoding: gzip, deflate, br
- Accept-Language: en-US,en;q=0.5
- Connection: keep-alive
- Host: content-ause2-up-1.uplynk.com
- Origin: https://player.zype.com
- Referer: https://player.zype.com/v
- Sec-Fetch-Dest: empty
- Sec-Fetch-Mode: cors
- Sec-Fetch-Site: cross-site
- TE: trailers
- User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0
    
```

See e.g., <https://www.thisoldhouse.com/videos>.

121. The M3U8 file(s) includes at least one universal resource locator (URL) associated with at least one of the identification of the at least one portion of the

requested media and the identification of the at least one other media, the at least one URL including at least one identification (e.g., host name) of at least one resource (e.g., streaming server(s)) other than the at least one computing device available to facilitate streaming of at least one of the at least one portion of the requested media and the at least one other media as demonstrated by the examples provided below:



The screenshot shows a web browser window with the URL <https://www.thisoldhouse.com/the-concord-country-cape/22763248/943-a6-tree-dr-house-call>. The page displays a video player with a video of a man working on a wooden structure. Below the video player, the network inspector is open, showing a list of requests. The selected request is a GET to a file named 'm3u8' from 'content.apple.com'.

Status	Method	Domain	File	Initiator	Type	Form-data	Transferred	Size
200	POST	capicornatix.com	ao7v=130088	connatix.playpac...	form-data		301 B	0 B
200	GET	img.connatix.com	92920a4-31f3-4046-ac5d-dc559b41391.jpg?crop=600-410-smart&w=1000	cp.js:1 [img]	jpg		15.45 KB (cached)	15.5...
200	GET	tpc.googlestatic.com	sodadZ.js	cp.js:1 [script]	js		729 B (cached)	0 B
200	GET	cdn.justpremium.com	55644-9PK-CF-US-Thisoldhouse-GAF-holding.js	jav.a1.CF.js:1 [script]	plain		729 B (cached)	729 B
200	GET	sb.scorecardresea...	runner.html	gtm.js:45 [script]	html		307 B (cached)	0 B
200	GET	tpc.googlestatic.com	runner.html	cp.js:1 [subdocu...	html		4.91 KB (cached)	12.4...
200	GET	www.google.com	aframe	cp.js:1 [subdocu...	html		514 B (cached)	783 B
200	GET	cdn.justpremium.com	out-inds.js	55644-9PK-CF-US...	cached			
200	GET	content.apple.com	m3u8/ps-1d8ee44baed4379ba16a43b2cf603	zypelayer.js:39 [i...	video/AppleMpeg4...		2.14 KB	145...
200	GET	v-default-stgpc.upl...	postre_2427643d0774f494247707a1ca4b05.jpg	zypelayer.js:39 [i...	jpg		384.51 KB	384...
200	GET	tracking.justpremiu...	tracking_gf1hd=5809R5C-feec-4337-ad81-871dfe42ca0d-16367330046	jav.a1.CF.js:1 [img]			NS_BINDING_ABORTED	
200	GET	adservice.google...	integrator.js?domain=www.thisoldhouse.com	b-7b120a5-f54477...	js		624 B	107 B
200	GET	cdn.justpremium.com	main.js	jav.a1.CF.js:1 [script]			624 B	107 B
200	GET	cdn.justpremium.com	ITCViewGate431D-Denivoff	font			font	
200	GET	sb.scorecardresea...	cp.js	gtm.js:45 [script]	js		0 B (cached)	0 B

The screenshot shows a web browser window with the URL <https://www.thisoldhouse.com/the-concord-country-cape/22763248/943-a6-tree-dr-house-call>. The page displays a video player with a video of a man working on a wooden structure. Below the video player, the network inspector is open, showing a list of requests. The selected request is a GET to a file named 'm3u8' from 'content.apple.com'.

Status	Method	Domain	File	Initiator	Type	Form-data	Transferred	Size
200	POST	capicornatix.com	ao7v=130088	connatix.playpac...	form-data		301 B	0 B
200	GET	img.connatix.com	92920a4-31f3-4046-ac5d-dc559b41391.jpg?crop=600-410-smart&w=1000	cp.js:1 [img]	jpg		15.45 KB (cached)	15.5...
200	GET	tpc.googlestatic.com	sodadZ.js	cp.js:1 [script]	js		729 B (cached)	0 B
200	GET	cdn.justpremium.com	55644-9PK-CF-US-Thisoldhouse-GAF-holding.js	jav.a1.CF.js:1 [script]	plain		729 B (cached)	729 B
200	GET	sb.scorecardresea...	runner.html	gtm.js:45 [script]	html		307 B (cached)	0 B
200	GET	tpc.googlestatic.com	runner.html	cp.js:1 [subdocu...	html		4.91 KB (cached)	12.4...
200	GET	www.google.com	aframe	cp.js:1 [subdocu...	html		514 B (cached)	783 B
200	GET	cdn.justpremium.com	out-inds.js	55644-9PK-CF-US...	cached			
200	GET	content.apple.com	m3u8/ps-1d8ee44baed4379ba16a43b2cf603	zypelayer.js:39 [i...	video/AppleMpeg4...		2.14 KB	145...
200	GET	v-default-stgpc.upl...	postre_2427643d0774f494247707a1ca4b05.jpg	zypelayer.js:39 [i...	jpg		384.51 KB	384...
200	GET	tracking.justpremiu...	tracking_gf1hd=5809R5C-feec-4337-ad81-871dfe42ca0d-16367330046	jav.a1.CF.js:1 [img]			NS_BINDING_ABORTED	
200	GET	adservice.google...	integrator.js?domain=www.thisoldhouse.com	b-7b120a5-f54477...	js		624 B	107 B
200	GET	cdn.justpremium.com	main.js	jav.a1.CF.js:1 [script]			624 B	107 B
200	GET	cdn.justpremium.com	ITCViewGate431D-Denivoff	font			font	
200	GET	sb.scorecardresea...	cp.js	gtm.js:45 [script]	js		0 B (cached)	0 B

See e.g., <https://www.thisoldhouse.com>

122. The M3U8 file(s) includes one or more instructions for use by the communication device together with the at least one URL and the reservation

identification to enable the at least one communication device to obtain the at least one portion of the requested media and the at least one other media as demonstrated by the example provided below:

The screenshot shows a video player with a man's face, where the right eye is obscured by a black circle with a white 'X'. Below the video is a network inspector window. The selected request is a GET request for a video file. The response headers are as follows:

```

Status: 200 OK
Version: HTTP/2
Transferred: 2.16 KB (145.13 KB size)
Referrer Policy: strict-origin-when-cross-origin

Response Headers (466 B)
access-control-allow-origin: *
cache-control: no-cache, no-store
content-encoding: br
content-length: 1741
content-type: application/vnd.apple.mpegurl
date: Mon, 15 Nov 2021 09:51:29 GMT
referrer-policy: no-referrer-when-downgrade
server: nginx
strict-transport-security: max-age=31536000; includeSubDomains
x-content-type-options: nosniff
X-Firefox-Spdy: h2
x-services: 587a912103da4585aadaa582fe1b5eac
x-xss-protection: 1; mode=block
    
```

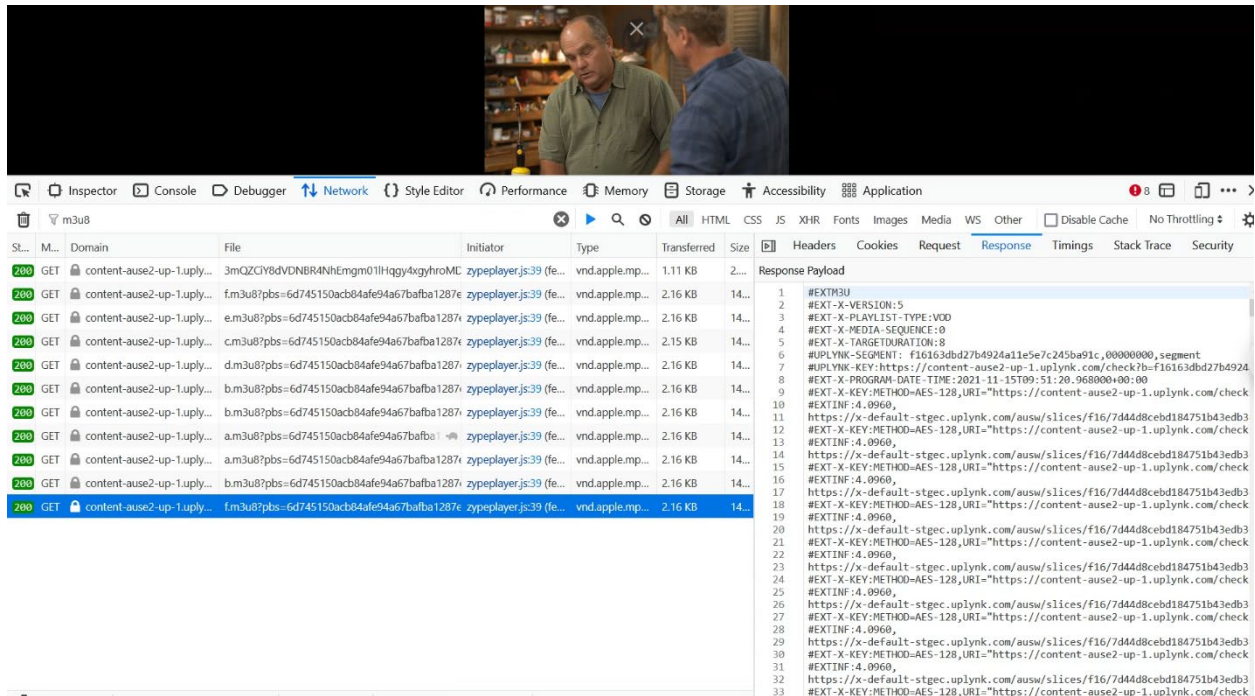
The screenshot shows the same video player and network inspector. The selected request is a GET request for a video file. The request headers are as follows:

```

Request Headers (470 B)
Accept: */*
Accept-Encoding: gzip, deflate, br
Accept-Language: en-US,er;q=0.5
Connection: keep-alive
Host: content-ause2-up-1.uplynk.com
Origin: https://player.zype.com
Referer: https://player.zype.com/
Sec-Fetch-Dest: empty
Sec-Fetch-Mode: cors
Sec-Fetch-Site: cross-site
TE: trailers
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0
    
```

See e.g., <https://www.thisoldhouse.com>.

123. This Old House transmits, by the at least one computing device to the communication device, the at least one play script to enable the communication device to obtain the at least one portion of the requested media and the at least one other media via the communication network using the at least one resource other than the at least one computing device as demonstrated by the example provided below:



The screenshot shows a video player with a man's face and a red 'X' over his eyes. Below the video is a browser's developer network tool. The network tool shows a list of requests, with the selected request having the following response headers:

```

Status: 200 OK
Version: HTTP/2
Transferred: 2.16 KB (145.13 KB size)
Referrer Policy: strict-origin-when-cross-origin

Response Headers (466 B)
- access-control-allow-origin: *
- cache-control: no-cache, no-store
- content-encoding: br
- content-length: 1741
- content-type: application/vnd.apple.mpegurl
- date: Mon, 15 Nov 2021 09:51:29 GMT
- referrer-policy: no-referrer-when-downgrade
- server: nginx
- strict-transport-security: max-age=31536000; includeSubDomains
- x-content-type-options: nosniff
- X-Firefox-Spdy: h2
- x-services: 587a912103da4585aedaa582fe1b5eac
- x-xss-protection: 1; mode=block
    
```

The screenshot shows a video player with a man's face and a red 'X' over his eyes. Below the video is a browser's developer network tool. The network tool shows a list of requests, with the selected request having the following request headers:

```

Request Headers (470 B)
- Accept: */*
- Accept-Encoding: gzip, deflate, br
- Accept-Language: en-US,en;q=0.5
- Connection: keep-alive
- Host: content-ause2-up-1.uplynk.com
- Origin: https://player.zype.com
- Referer: https://player.zype.com/v
- Sec-Fetch-Dest: empty
- Sec-Fetch-Mode: cors
- Sec-Fetch-Site: cross-site
- TE: trailers
- User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0
    
```

See e.g., <https://www.thisoldhouse.com>.

124. SITO has been damaged by the direct infringement of This Old House, and is suffering and will continue to suffer irreparable harm and damages as a result of this infringement.

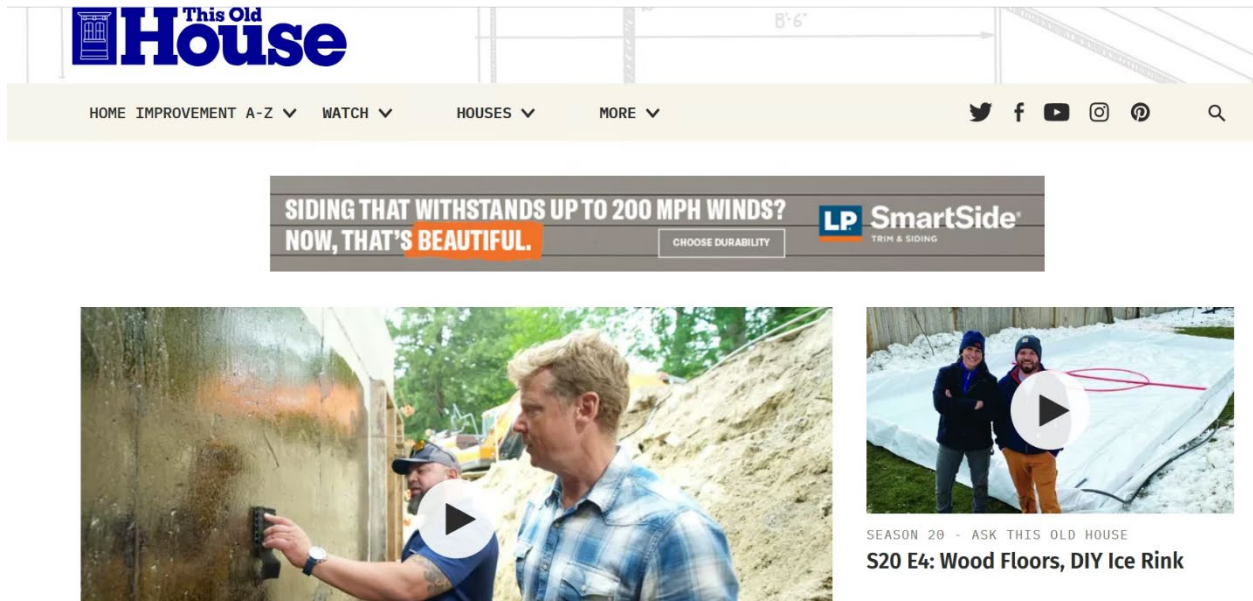
Count V - Infringement of United States Patent No. 9,135,635

125. SITO alleges, and incorporates by reference, as if fully set forth here, the preceding paragraphs of this Complaint.

126. This Old House directly infringes (literally and/or under the doctrine of equivalents) the '635 patent by using the method covered by at least claim 1 of the '635 patent.

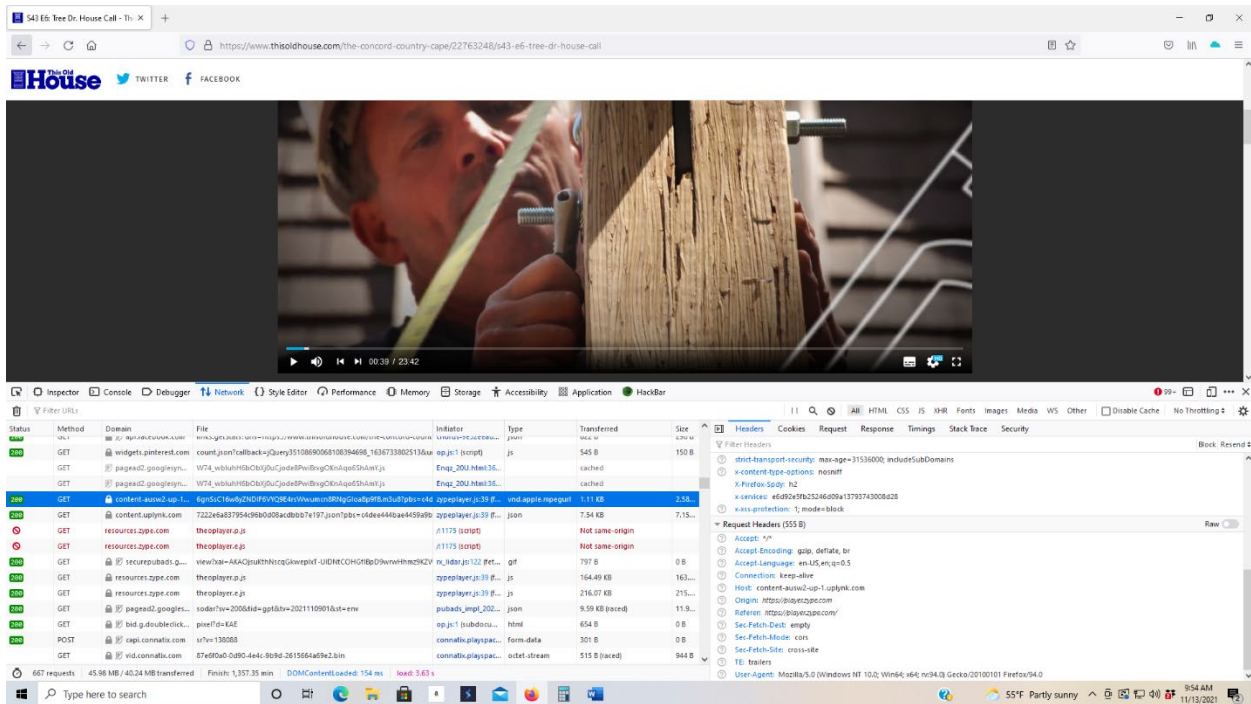
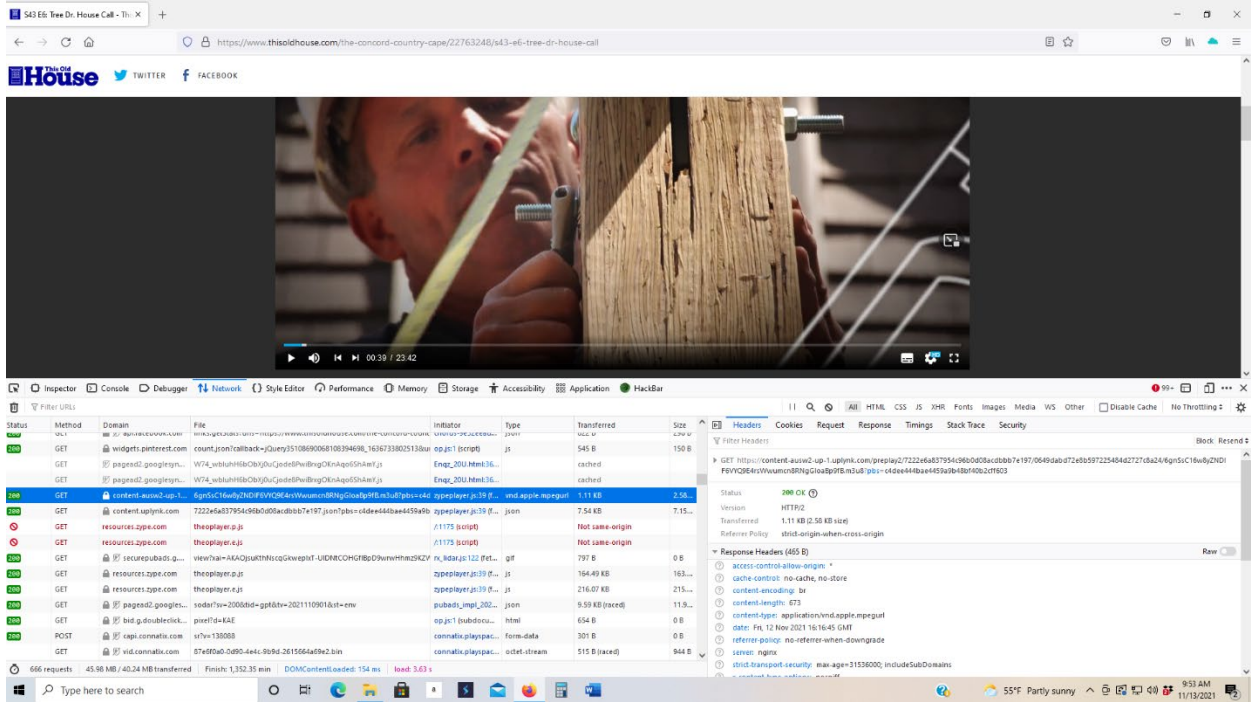
127. On information and belief, and without SITO's approval, authorization and license, This Old House owns, controls, operates, and uses a system for streaming media that includes This Old House Streaming Platform, as well as other This Old House networks, systems, devices, components and/or services for streaming media, that practices and infringes the media streaming method recited in at least claim 1 of the '635 patent.

128. This Old House performs a method of streaming media as demonstrated by the example provided below:



See e.g., <https://www.thisoldhouse.com>.

129. This Old House receives, by at least one computing device (e.g., server(s)) via a communication network (e.g., the Internet), a request (e.g., GET request) for media (e.g., television program) from a communication device (e.g., client device such as a personal computer, mobile device, and/or television). The at least one computing device comprises a combination of hardware and software as demonstrated by the example provided below:



See e.g., <https://www.thisoldhouse.com>.

130. This Old House determines, by the at least one computing device, at least one portion of the requested media (e.g., video segment(s)) to be streamed to the

The screenshot displays a web browser's developer tools interface. At the top, a video player is visible, showing two men in a workshop setting. Below the video player, the network tab is open, displaying a list of network requests. The selected request is a video file (M3U8) from the domain 'x-default-stgec.uplynk.com'. The request details show a 200 OK status, a response size of 1.83 MB, and various headers including 'accept-ranges: bytes', 'cache-control: no-cache', and 'content-type: application/octet-stream'.

The screenshot displays a web browser's developer tools interface. At the top, a video player is visible, showing a close-up of hands working on a small object. Below the video player, the network tab is open, displaying a list of network requests. The selected request is a video file (M3U8) from the domain 'x-default-stgec.uplynk.com'. The request details show a 200 OK status, a response size of 1.83 MB, and various headers including 'Accept-Encoding: gzip, deflate, br', 'Accept-Language: en-US,en;q=0.5', and 'User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0'.

See e.g., <https://www.thisoldhouse.com>.

131. This Old House transmits, by the at least one computing device for reception by the communication device, at least one play script (e.g., M3U8 file(s))

including at least one identification (e.g., segment information/segment file name) of the at least one portion of the requested media as demonstrated by the examples provided below:

The screenshot shows the Network tab in a browser's developer tools. A list of requests is displayed, with the following columns: St., M., Domain, File, Initiator, Type, Transferred, and Size. The selected request is a GET request for a video segment:

St.	M.	Domain	File	Initiator	Type	Transferred	Size
200	GET	content-ause2-up-1.uply...	3mQZCIY8dVDNBR4NhEmgm01Hhqqy4xgyhroMC	zyeplayer.js:39 (fe...	vnd.apple.mp...	1.11 KB	2...
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uply...	e.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uply...	c.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.15 KB	14...
200	GET	content-ause2-up-1.uply...	d.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...

The Headers tab for the selected request shows the following response headers:

- access-control-allow-origin: *
- cache-control: no-cache, no-store
- content-encoding: br
- content-length: 1741
- content-type: application/vnd.apple.mpegurl
- date: Mon, 15 Nov 2021 09:51:29 GMT
- referrer-policy: no-referrer-when-downgrade
- server: nginx
- strict-transport-security: max-age=31536000; includeSubDomains
- x-content-type-options: nosniff
- X-Firefox-Spdy: h2
- x-services: 587a912103da4585aedaa582fe1b5eac
- x-xss-protection: 1; mode=block

The screenshot shows the Network tab in a browser's developer tools. A list of requests is displayed, with the following columns: St., M., Domain, File, Initiator, Type, Transferred, and Size. The selected request is a GET request for a video segment:

St.	M.	Domain	File	Initiator	Type	Transferred	Size
200	GET	content-ause2-up-1.uply...	3mQZCIY8dVDNBR4NhEmgm01Hhqqy4xgyhroMC	zyeplayer.js:39 (fe...	vnd.apple.mp...	1.11 KB	2...
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uply...	e.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uply...	c.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.15 KB	14...
200	GET	content-ause2-up-1.uply...	d.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...

The Headers tab for the selected request shows the following request headers:

- Accept: */*
- Accept-Encoding: gzip, deflate, br
- Accept-Language: en-US,en;q=0.5
- Connection: keep-alive
- Host: content-ause2-up-1.uplynk.com
- Origin: https://player.zype.com
- Referer: https://player.zype.com/
- Sec-Fetch-Dest: empty
- Sec-Fetch-Mode: cors
- Sec-Fetch-Site: cross-site
- TE: trailers
- User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0

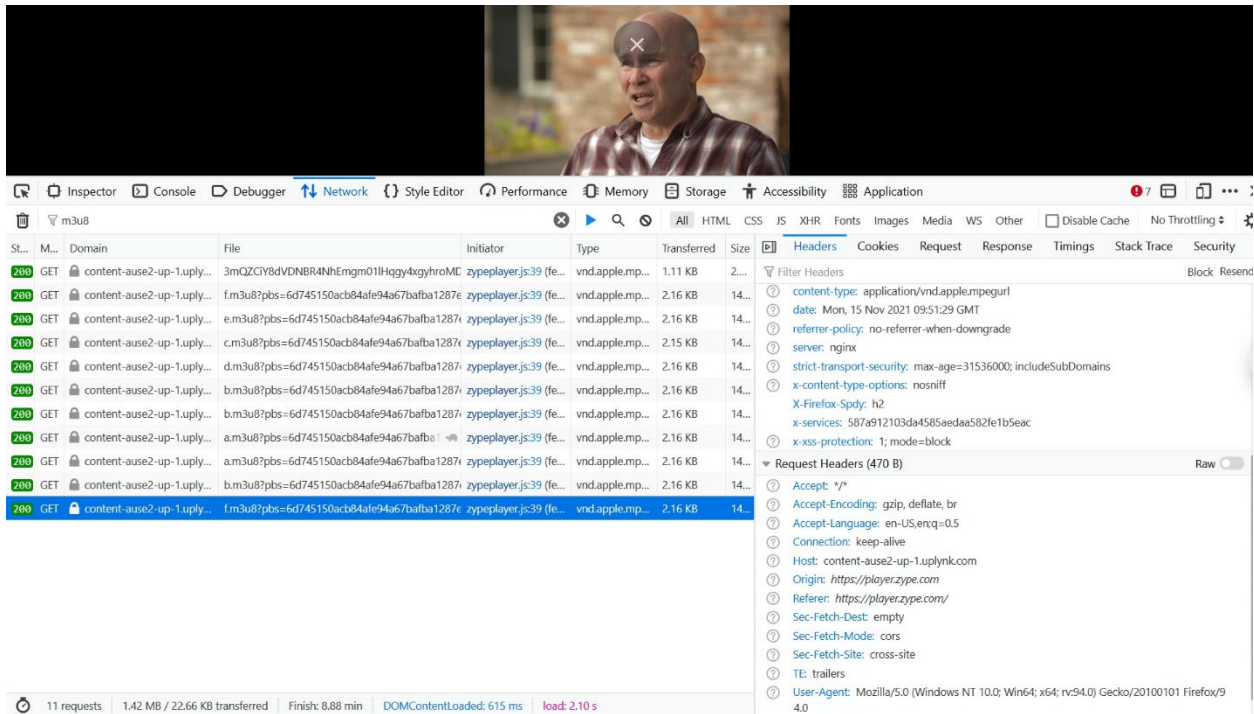
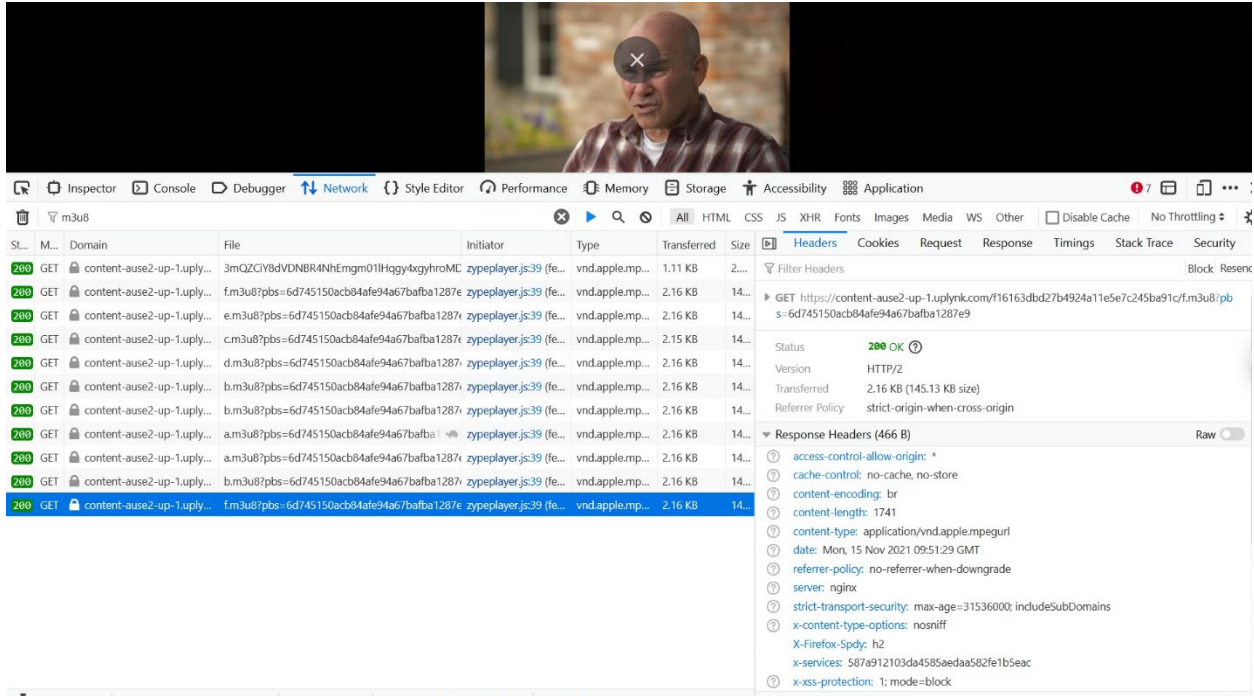
St...	M...	Domain	File	Initiator	Type	Transferred	Size
200	GET	content-ausw2-up-1.upl...	f.m3u8?pbs=273d6cb0fc31492b9b4c087d750ea...	zypeplayer.js39 (f...	vnd.apple.mp...	2.15 KB	1...
200	GET	x-default-stgec.uplynk.c...	F0000056.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
200	GET	x-default-stgec.uplynk.c...	F0000057.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
200	GET	pubads.g.doubleclick...	ads?slotname=/142694468/zype_video8sz=640	bridge3.489.0_en...	xml	5.34 KB	2...
200	GET	x-default-stgec.uplynk.c...	F0000058.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
204	P...	csi.gstatic.com	csi?v=2&ts=ima&puid=2-kw05iq57&c=5392206	bridge3.489.0_en...	gif	390 B	0 B
200	GET	securepubads.g.dou...	view?xai=AKA0jstHr_HLTO77CiyuLLokODXSbl8	bridge3.489.0_en...	gif	797 B	0 B
204	P...	csi.gstatic.com	csi?v=2&ts=ima&puid=2-kw05iq70&c=5392206	ima3.js:98 (beacon)	gif	390 B	0 B
302	GET	redirector.gvt1.com	file.webm	media	webm	3.46 MB	3...
206	GET	r1---sn-q4flm1.gvt1.com	file.webm	media	webm	3.46 MB	3...
200	GET	x-default-stgec.uplynk.c...	F0000059.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgec.uplynk.c...	F000005A.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgec.uplynk.c...	F000005B.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.81 MB	1...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96Ryb31Ebagr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	securepubads.g.dou...	view?xai=AKA0jssx-LpLbWjJbHZAWfctSGbWwS	bridge3.489.0_en...	gif	797 B	0 B
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96Ryb31Ebagr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96Ryb31Ebagr...	bridge3.489.0_en...	gif	760 B	4...

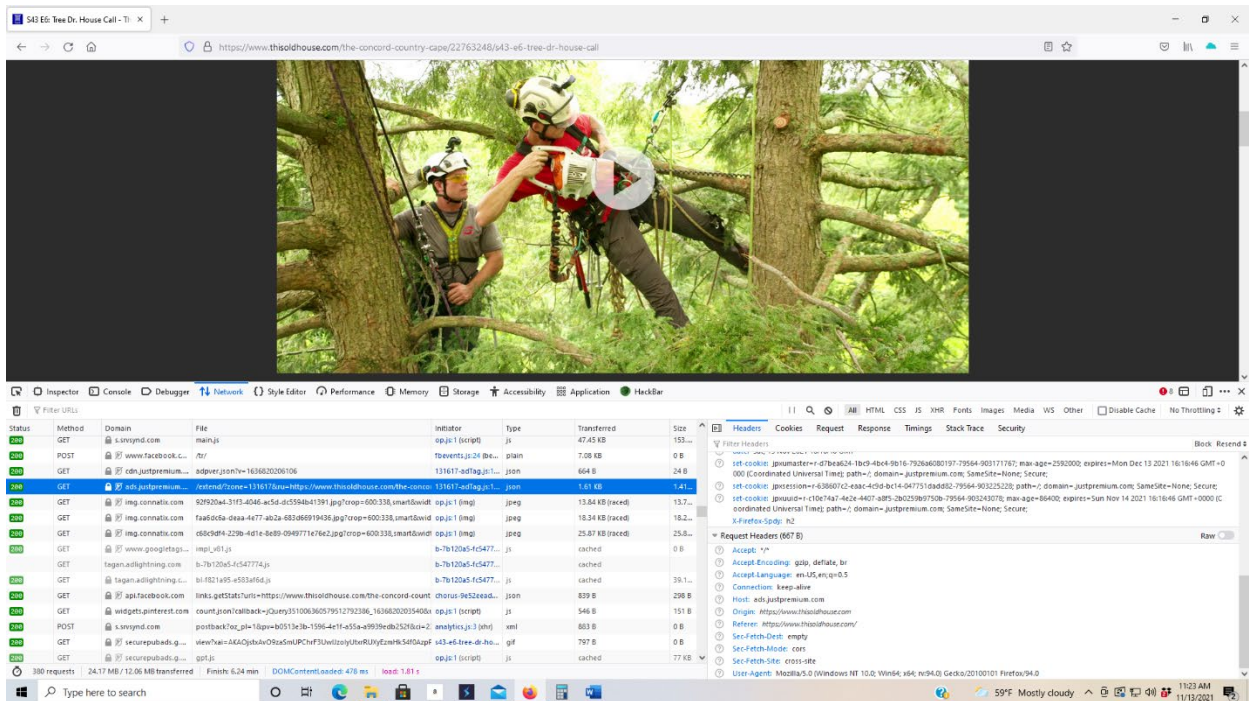
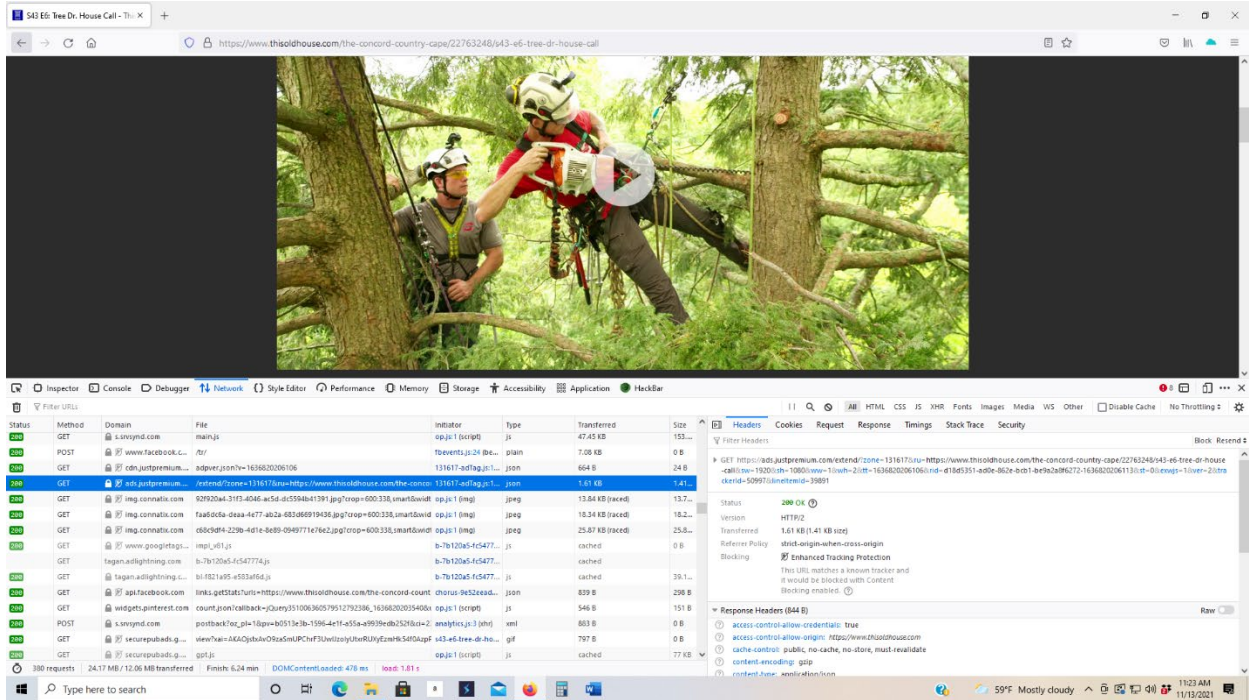
St...	M...	Domain	File	Initiator	Type	Transferred	Size
200	GET	content-ausw2-up-1.upl...	f.m3u8?pbs=273d6cb0fc31492b9b4c087d750ea...	zypeplayer.js39 (f...	vnd.apple.mp...	2.15 KB	1...
200	GET	x-default-stgec.uplynk.c...	F0000056.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
200	GET	x-default-stgec.uplynk.c...	F0000057.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
200	GET	pubads.g.doubleclick...	ads?slotname=/142694468/zype_video8sz=640	bridge3.489.0_en...	xml	5.34 KB	2...
200	GET	x-default-stgec.uplynk.c...	F0000058.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
204	P...	csi.gstatic.com	csi?v=2&ts=ima&puid=2-kw05iq57&c=5392206	bridge3.489.0_en...	gif	390 B	0 B
200	GET	securepubads.g.dou...	view?xai=AKA0jstHr_HLTO77CiyuLLokODXSbl8	bridge3.489.0_en...	gif	797 B	0 B
204	P...	csi.gstatic.com	csi?v=2&ts=ima&puid=2-kw05iq70&c=5392206	ima3.js:98 (beacon)	gif	390 B	0 B
302	GET	redirector.gvt1.com	file.webm	media	webm	3.46 MB	3...
206	GET	r1---sn-q4flm1.gvt1.com	file.webm	media	webm	3.46 MB	3...
200	GET	x-default-stgec.uplynk.c...	F0000059.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgec.uplynk.c...	F000005A.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgec.uplynk.c...	F000005B.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.81 MB	1...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96Ryb31Ebagr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	securepubads.g.dou...	view?xai=AKA0jssx-LpLbWjJbHZAWfctSGbWwS	bridge3.489.0_en...	gif	797 B	0 B
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96Ryb31Ebagr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96Ryb31Ebagr...	bridge3.489.0_en...	gif	760 B	4...

See e.g., <https://www.thisoldhouse.com>.

132. This Old House transmits, by the at least one computing device for reception by the communication device, at least one play script (e.g., M3U8 file(s))

including an indication (e.g., identification of one or more ad breaks between video segments) that an advertising media clip is to be streamed to the communication device as demonstrated by the examples provided below:





See e.g., <https://www.thisoldhouse.com>.

133. This Old House transmits, by the at least one computing device for reception by the communication device, at least one play script (e.g., M3U8 file(s))

including at least one universal resource locator (URL) associated with the identification of the at least one portion of the requested media, the at least one URL including at least one identification (*e.g.*, host name) of at least one resource (*e.g.*, streaming server(s)) other than the at least one computing device to facilitate streaming of the at least one portion of the requested media as demonstrated by the examples provided below:

The image shows a video player interface with a man's face. One eye is obscured by a black circle with a white 'X'. Below the video is a network inspector window. The network tab shows a list of GET requests to various content URLs. The selected request shows the following headers:

```

Status: 200 OK
Version: HTTP/2
Transferred: 2.16 KB (145.13 KB size)
Referrer Policy: strict-origin-when-cross-origin

Response Headers (466 B)
access-control-allow-origin: *
cache-control: no-cache, no-store
content-encoding: br
content-length: 1741
content-type: application/vnd.apple.mpegurl
date: Mon, 15 Nov 2021 09:51:29 GMT
referrer-policy: no-referrer-when-downgrade
server: nginx
strict-transport-security: max-age=31536000; includeSubDomains
x-content-type-options: nosniff
X-Firefox-Spdy: h2
x-services: 587a912103da4585aedaa582fe1b5eac
x-xss-protection: 1; mode=block
    
```

The screenshot displays a web browser's developer tools interface, specifically the Network tab. At the top, a video player shows a man's face with a red 'X' over his eyes. Below the video, the Network tab shows a list of requests. The selected request is a GET request to a file with a long path ending in 'zypeplayer.js:39'. The details pane on the right shows the request headers, including 'Accept-Encoding: gzip, deflate, br', 'Accept-Language: en-US,en;q=0.5', 'Connection: keep-alive', 'Host: content-ause2-up-1.uplynk.com', 'Origin: https://player.zype.com', 'Referer: https://player.zype.com/v', 'Sec-Fetch-Dest: empty', 'Sec-Fetch-Mode: cors', 'Sec-Fetch-Site: cross-site', 'TE: trailers', and 'User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0'. The status bar at the bottom indicates 11 requests, 1.42 MB / 22.66 KB transferred, and a load time of 2.10 s.

St...	M...	Domain	File	Initiator	Type	Transferred	Size	Headers
200	GET	content-ause2-up-1.uply...	3mQZCY8dVDNBR4NhEmgm01HkqykygyhroMC	zypeplayer.js:39 (fe...	vnd.apple.mp...	1.11 KB	2...	Filter Headers
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67ba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	content-type: application/vnd.apple.mpegurl
200	GET	content-ause2-up-1.uply...	e.m3u8?pbs=6d745150acb84afe94a67ba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	date: Mon, 15 Nov 2021 09:51:29 GMT
200	GET	content-ause2-up-1.uply...	c.m3u8?pbs=6d745150acb84afe94a67ba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.15 KB	14...	referrer-policy: no-referrer-when-downgrade
200	GET	content-ause2-up-1.uply...	d.m3u8?pbs=6d745150acb84afe94a67ba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	server: nginx
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67ba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	strict-transport-security: max-age=31536000; includeSubDomains
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67ba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	x-content-type-options: nosniff
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67ba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	X-Firefox-Spdy: h2
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67ba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	x-services: 587a912103da4585aedaa582fe1b5eac
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67ba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	x-xss-protection: 1; mode=block
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67ba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Request Headers (470 B)
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67ba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Accept: */*
								Accept-Encoding: gzip, deflate, br
								Accept-Language: en-US,en;q=0.5
								Connection: keep-alive
								Host: content-ause2-up-1.uplynk.com
								Origin: https://player.zype.com
								Referer: https://player.zype.com/v
								Sec-Fetch-Dest: empty
								Sec-Fetch-Mode: cors
								Sec-Fetch-Site: cross-site
								TE: trailers
								User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0

See e.g., <https://www.thisoldhouse.com>.

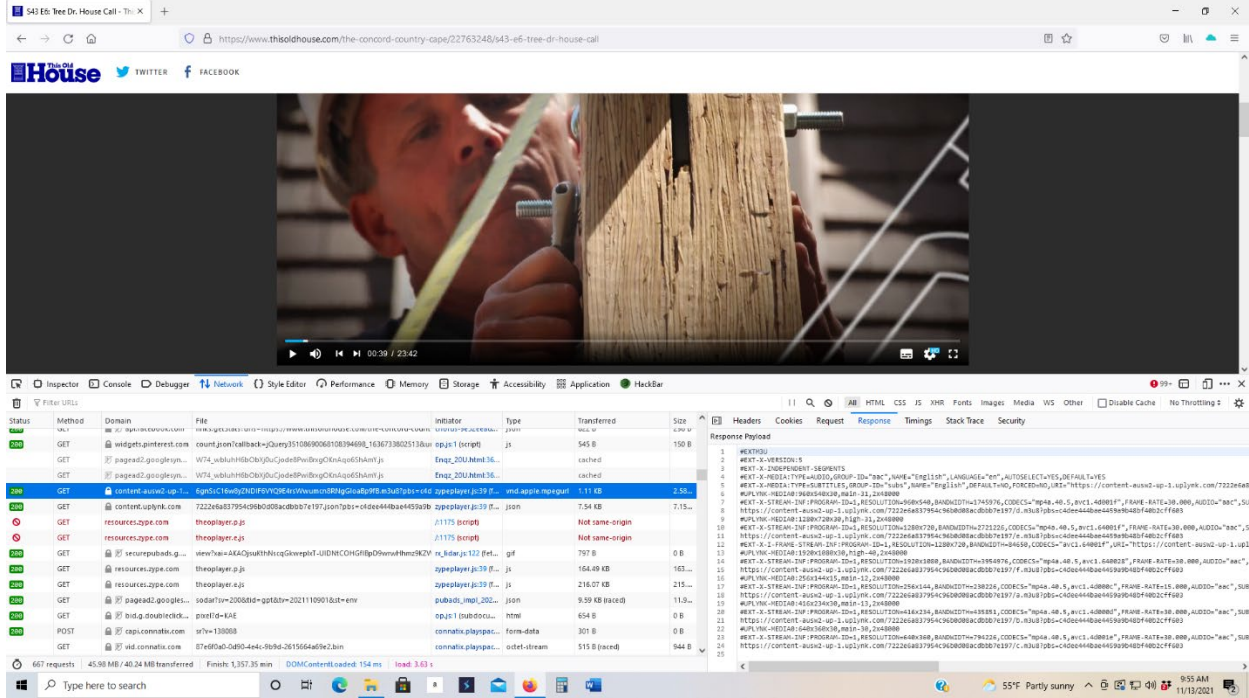
134. On information and belief, This Old House transmits, by the at least one computing device for reception by the communication device, at least one play script (e.g., M3U8 file(s)) including one or more instructions for use by the communication device together with the at least one URL to cause the at least one portion of the requested media to be streamed to the communication device as demonstrated by the examples provided below:

The screenshot shows a web browser window with a video player and a network inspector. The video player displays a man measuring wood. The network inspector shows a list of requests, with 'content-asset-up-1' selected. The response headers for this request are visible on the right.

Status	Method	Domain	File	Initiator	Type	Transferred	Size
200	GET	content-asset-up-1	https://www.thisoldhouse.com/the-concord-country-cape/22763248/s43-e6-tree-dr-house-call	zypeplayer.js:39	video/mp4	1.11 KB	2.58 KB
200	GET	content.uplynk.com	7222e6a37954c9b0a05acdbb7e197.jm?ps=cddee44bae459a9b	zypeplayer.js:39	json	7.54 KB	7.15 KB
200	GET	resources.zype.com	theoplayer.js	zypeplayer.js:39	Not same-origin	164.49 KB	163 KB
200	GET	resources.zype.com	theoplayer.js	zypeplayer.js:39	Not same-origin	216.07 KB	215 KB
200	GET	securepubads.g...	view?sa=AAQ3juktNtccGkwepxU-UDRRCCHGfBpD9wvHm2KZV_n_lidar.js:122	get	gif	797 B	0 B
200	GET	resources.zype.com	theoplayer.js	zypeplayer.js:39	Not same-origin	164.49 KB	163 KB
200	GET	resources.zype.com	theoplayer.js	zypeplayer.js:39	Not same-origin	216.07 KB	215 KB
200	GET	pagead2.googles...	nodefw-2006id-ggdtw=2021110901&it=emv	pubads_impl_202...	json	9.59 KB (parsed)	11.9 KB
200	GET	bid.g.doubleclick...	pxefId=KAE	op.js:1 (subdocu...	html	654 B	0 B
200	POST	api.comnatic.com	v?w=130003	comnatic.playpac...	form-data	301 B	0 B
200	GET	vid.comnatic.com	87e90a0-0d90-444c-869d-2615664a962.bin	comnatic.playpac...	octet-stream	515 B (parsed)	944 B

The screenshot shows a web browser window with a video player and a network inspector. The video player displays a man measuring wood. The network inspector shows a list of requests, with 'content-asset-up-1' selected. The request headers for this request are visible on the right.

Status	Method	Domain	File	Initiator	Type	Transferred	Size
200	GET	content-asset-up-1	https://www.thisoldhouse.com/the-concord-country-cape/22763248/s43-e6-tree-dr-house-call	zypeplayer.js:39	video/mp4	1.11 KB	2.58 KB
200	GET	content.uplynk.com	7222e6a37954c9b0a05acdbb7e197.jm?ps=cddee44bae459a9b	zypeplayer.js:39	json	7.54 KB	7.15 KB
200	GET	resources.zype.com	theoplayer.js	zypeplayer.js:39	Not same-origin	164.49 KB	163 KB
200	GET	resources.zype.com	theoplayer.js	zypeplayer.js:39	Not same-origin	216.07 KB	215 KB
200	GET	securepubads.g...	view?sa=AAQ3juktNtccGkwepxU-UDRRCCHGfBpD9wvHm2KZV_n_lidar.js:122	get	gif	797 B	0 B
200	GET	resources.zype.com	theoplayer.js	zypeplayer.js:39	Not same-origin	164.49 KB	163 KB
200	GET	resources.zype.com	theoplayer.js	zypeplayer.js:39	Not same-origin	216.07 KB	215 KB
200	GET	pagead2.googles...	nodefw-2006id-ggdtw=2021110901&it=emv	pubads_impl_202...	json	9.59 KB (parsed)	11.9 KB
200	GET	bid.g.doubleclick...	pxefId=KAE	op.js:1 (subdocu...	html	654 B	0 B
200	POST	api.comnatic.com	v?w=130003	comnatic.playpac...	form-data	301 B	0 B
200	GET	vid.comnatic.com	87e90a0-0d90-444c-869d-2615664a962.bin	comnatic.playpac...	octet-stream	515 B (parsed)	944 B



See e.g., <https://www.thisoldhouse.com>.

135. SITO has been damaged by the direct infringement of This Old House, and is suffering and will continue to suffer irreparable harm and damages as a result of this infringement.

Count VI – Infringement of United States Patent No. 9,135,636

136. SITO alleges, and incorporates by reference, as if fully set forth here, the preceding paragraphs of this Complaint.

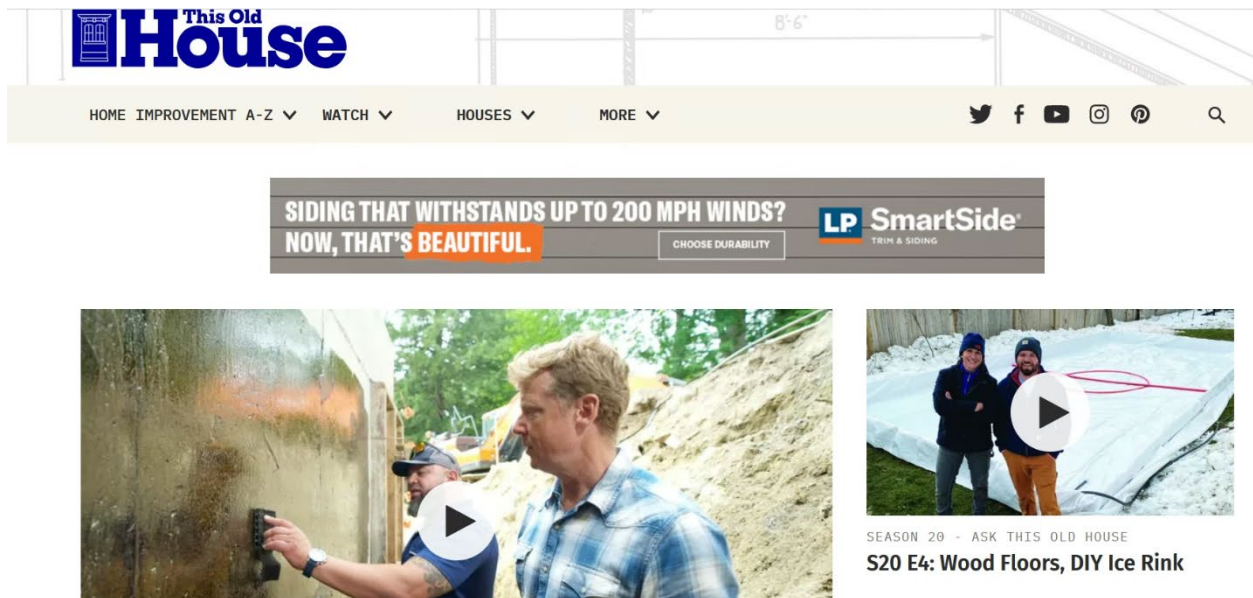
137. This Old House directly infringes (literally and/or under the doctrine of equivalents) the '636 patent by using the method covered by at least claim 1 of the '636 patent.

138. On information and belief, and without SITO's approval, authorization and license, This Old House owns, controls, operates and uses a system for streaming

media that includes This Old House Streaming Platform, as well as other This Old House networks, systems, devices, components and/or services for streaming media, that practices and infringes the media streaming method recited in at least claim 1 of the '636 patent.

139. This Old House system that infringes one or more claims of the '636 patent includes, but is not limited to, This Old House Streaming Platform, and any other This Old House network, system, device, and/or service that practices a media streaming method as claimed in the '636 patent.

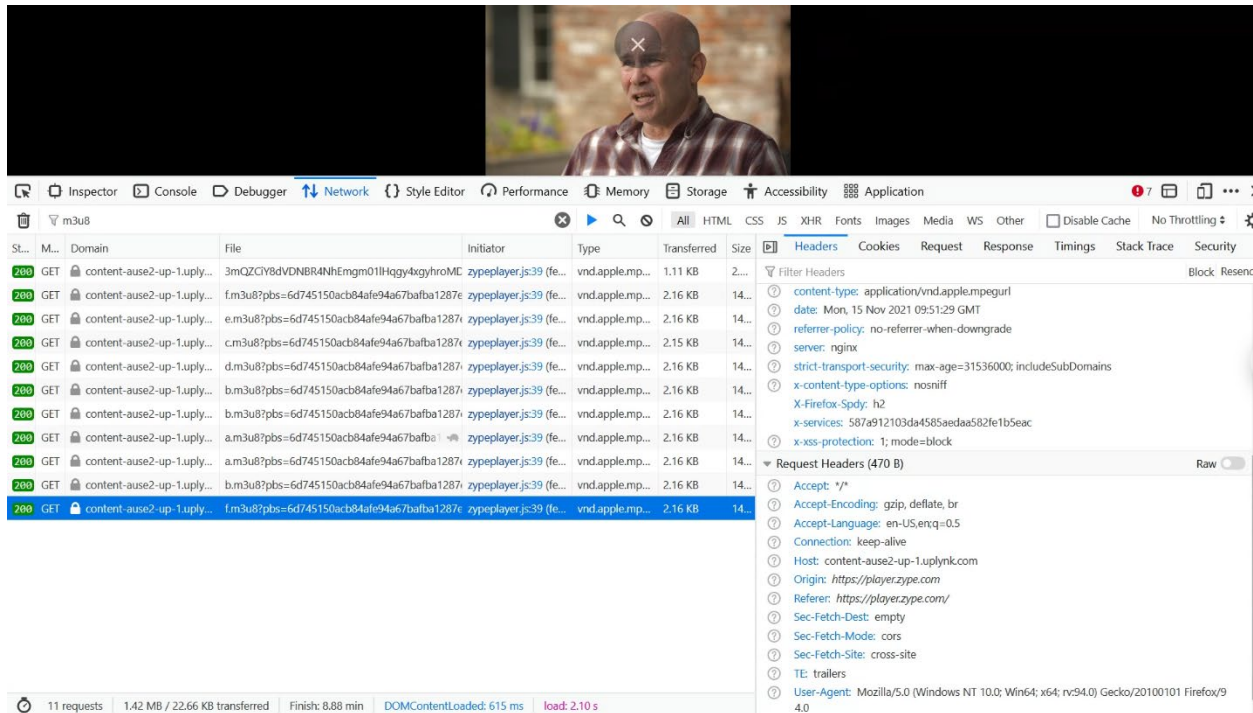
140. This Old House performs a method of streaming media as demonstrated by the example provided below:



See e.g., <https://www.thisoldhouse.com>.

141. This Old House receives, by at least one computing device (e.g., server(s)) via a communication network (e.g., the Internet), a request (e.g., GET request) for media (e.g., television program) from a communication device (e.g., client device such as a

personal computer, mobile device, and/or television), capable of using instructions (e.g., contained within an M3U8 file(s)) received from the at least one computing device to obtain at least one portion of the requested media (e.g., video segment(s)) using at least one resource (e.g., streaming server(s)) other than the at least one computing device as demonstrated by the examples provided below:



St...	M...	Domain	File	Initiator	Type	Transferred	Size
200	GET	content-ausw2-up-1.upl...	f.m3u8?pbs=273d6cb0fc31492b9b4c087d750ea...	zypeplayer.js:39 (f...	vnd.apple.mp...	2.15 KB	1...
200	GET	x-default-stgec.uplynk.c...	F0000056.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...
200	GET	x-default-stgec.uplynk.c...	F0000057.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...
200	GET	pubads.g.doubleclick...	ads?slotname=142694468/zype_video&sz=640	bridge3.489.0_en...	xml	5.34 KB	2...
200	GET	x-default-stgec.uplynk.c...	F0000058.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...
204	P...	csi.gstatic.com	csi?v=2&ss=ima&puid=2-kw05iq57&c=5392206	bridge3.489.0_en...	gif	390 B	0 B
200	GET	securepubads.g.dou...	view?ai=AKA0jstHr_HLTO7CluyLLokODX5Bl8	bridge3.489.0_en...	gif	797 B	0 B
204	P...	csi.gstatic.com	csi?v=2&ss=ima&puid=2-kw05iq70&c=5392206	ima3.js:98 (beacon)	gif	390 B	0 B
302	GET	redirector.gvt1.com	file.webm	media	webm	3.46 MB	3...
200	GET	r1---sn-q4llmsl.gvt1.com	file.webm	media	webm	3.46 MB	3...
200	GET	x-default-stgec.uplynk.c...	F0000059.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgec.uplynk.c...	F000005A.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgec.uplynk.c...	F000005B.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.81 MB	1...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RYb31Ebagr;	bridge3.489.0_en...	gif	760 B	4...
200	GET	securepubads.g.dou...	view?ai=AKA0jssx-LpLwJjibHZAWfcfctSGbW5	bridge3.489.0_en...	gif	797 B	0 B
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RYb31Ebagr;	bridge3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RYb31Ebagr;	bridge3.489.0_en...	gif	760 B	4...

420 requests 83.40 MB / 75.74 MB transferred Finish: 6.16 min DOMContentLoaded: 664 ms load: 9.22 s

Filter Headers: Block, Resend

GET https://x-default-stgec.uplynk.com/ausw/slices/f16/7d44d8cebd184751b43ed3c8c8bdd44/f16163dbd27b4924a11e5e7c245ba91c/F0000059.ts?pbs=273d6cb0fc31492b9b4c087d750ea596&cloud-aws&ssl=0

Status: 200 OK

Version: HTTP/2

Transferred: 1.83 MB (1.83 MB size)

Referrer Policy: strict-origin-when-cross-origin

Response Headers (582 B)

- accept-ranges: bytes
- access-control-allow-origin: *
- age: 879089
- cache-control: no-cache
- content-length: 1922688
- content-type: application/octet-stream
- date: Mon, 15 Nov 2021 04:14:03 GMT
- etag: "6d0c084c43b33c0ea834ca8a90ac660"
- expires: Mon, 15 Nov 2021 04:14:02 GMT
- last-modified: Wed, 03 Nov 2021 19:56:17 GMT
- server: ECAcc (daa/7D7D)
- x-amz-id-2: LixSq5lBUXcZLpFdVx+O++HjSodmOQTIAAqy8j/qjmqkKsw8NixT9Kfqtg

St...	M...	Domain	File	Initiator	Type	Transferred	Size
200	GET	content-ause2-up-1.uply...	3mQZCY8dVDNBR4Nhmgm011Hqgy4xyghroMC	zypeplayer.js:39 (fe...	vnd.apple.mp...	1.11 KB	2...
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uply...	e.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uply...	c.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.15 KB	14...
200	GET	content-ause2-up-1.uply...	d.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...

Response Payload

```
1 #EXTM3U
2 #EXT-X-VERSION:5
3 #EXT-X-PLAYLIST-TYPE:VOD
4 #EXT-X-MEDIA-SEQUENCE:0
5 #EXT-X-TARGETDURATION:8
6 #UPLYNK-SEGMENT: f16163dbd27b4924a11e5e7c245ba91c_000000000_segment
7 #UPLYNK-KEY:https://content-ause2-up-1.uplynk.com/check?b=f16163dbd27b4924
8 #EXT-X-PROGRAM-DATE-TIME:2021-11-15T09:51:20.968000+00:00
9 #EXT-X-KEY:METHOD=AES-128,URI="https://content-ause2-up-1.uplynk.com/check
10 #EXTINF:4.0960,
11 https://x-default-stgec.uplynk.com/ausw/slices/f16/7d44d8cebd184751b43ed3
12 #EXT-X-KEY:METHOD=AES-128,URI="https://content-ause2-up-1.uplynk.com/check
13 #EXTINF:4.0960,
14 https://x-default-stgec.uplynk.com/ausw/slices/f16/7d44d8cebd184751b43ed3
15 #EXT-X-KEY:METHOD=AES-128,URI="https://content-ause2-up-1.uplynk.com/check
16 #EXTINF:4.0960,
17 https://x-default-stgec.uplynk.com/ausw/slices/f16/7d44d8cebd184751b43ed3
18 #EXT-X-KEY:METHOD=AES-128,URI="https://content-ause2-up-1.uplynk.com/check
19 #EXTINF:4.0960,
20 https://x-default-stgec.uplynk.com/ausw/slices/f16/7d44d8cebd184751b43ed3
21 #EXT-X-KEY:METHOD=AES-128,URI="https://content-ause2-up-1.uplynk.com/check
22 #EXTINF:4.0960,
23 https://x-default-stgec.uplynk.com/ausw/slices/f16/7d44d8cebd184751b43ed3
24 #EXT-X-KEY:METHOD=AES-128,URI="https://content-ause2-up-1.uplynk.com/check
25 #EXTINF:4.0960,
26 https://x-default-stgec.uplynk.com/ausw/slices/f16/7d44d8cebd184751b43ed3
27 #EXT-X-KEY:METHOD=AES-128,URI="https://content-ause2-up-1.uplynk.com/check
28 #EXTINF:4.0960,
29 https://x-default-stgec.uplynk.com/ausw/slices/f16/7d44d8cebd184751b43ed3
30 #EXT-X-KEY:METHOD=AES-128,URI="https://content-ause2-up-1.uplynk.com/check
31 #EXTINF:4.0960,
32 https://x-default-stgec.uplynk.com/ausw/slices/f16/7d44d8cebd184751b43ed3
33 #EXT-X-KEY:METHOD=AES-128,URI="https://content-ause2-up-1.uplynk.com/check
```


St...	M...	Domain	File	Initiator	Type	Transferred	Size
200	GET	content-aus2-up-1.uplynk.com	f.m3u8?pbs=273d6cb0fc31492b9b4c087d750ea...	zypeplayer.js:39 (f...	vnd.apple.mp...	2.15 KB	1...
200	GET	x-default-stgcp.uplynk.com	F0000056.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...
200	GET	pubads.g.doubleclick.net	ads?slotname=142694468/zype_video8sz=640...	bridge3.489.0_en...	xml	5.34 KB	2...
200	GET	x-default-stgcp.uplynk.com	F0000058.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...
204	P...	csi.gstatic.com	csi?v=28s=ima&puid=2-kw05iq7&c=5392206	bridge3.489.0_en...	gif	390 B	0...
200	GET	securepubads.g.doubleclick.net	view?ai=AKAOjstHr_HLTOT7GuyolLokODXsbl8	bridge3.489.0_en...	gif	797 B	0 B
204	P...	csi.gstatic.com	csi?v=28s=ima&puid=2-kw05iq708c=5392206	ima3.js:98 (beacon)	gif	390 B	0 B
302	GET	redirector.gvt1.com	file.webm	media	webm	3.46 MB	3...
206	GET	r1---sn-q4flmsl.gvt1.com	file.webm	media	webm	3.46 MB	3...
200	GET	x-default-stgcp.uplynk.com	F0000059.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgcp.uplynk.com	F000005A.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgcp.uplynk.com	F000005B.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.81 MB	1...
200	GET	pubads.g.doubleclick.net	/pagead/interaction?ai=BvUNni96RVb31Ebacgr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	securepubads.g.doubleclick.net	view?ai=AKAOjssx-LpLbWjHjZAWdFctSGbW5	bridge3.489.0_en...	gif	797 B	0 B
200	GET	pubads.g.doubleclick.net	/pagead/interaction?ai=BvUNni96RVb31Ebacgr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick.net	/pagead/interaction?ai=BvUNni96RVb31Ebacgr...	bridge3.489.0_en...	gif	760 B	4...

St...	M...	Domain	File	Initiator	Type	Transferred	Size
200	GET	content-ause2-up-1.uplynk.com	3mQZCY8dVDNBR4NhEmgm01HqgyxgyhroMC	zypeplayer.js:39 (fe...	vnd.apple.mp...	1.11 KB	2...
200	GET	content-ause2-up-1.uplynk.com	f.m3u8?pbs=6d745150acb84afe94a67bafba1287e...	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uplynk.com	e.m3u8?pbs=6d745150acb84afe94a67bafba1287e...	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uplynk.com	c.m3u8?pbs=6d745150acb84afe94a67bafba1287e...	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.15 KB	14...
200	GET	content-ause2-up-1.uplynk.com	d.m3u8?pbs=6d745150acb84afe94a67bafba1287e...	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uplynk.com	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e...	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uplynk.com	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e...	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uplynk.com	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e...	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e...	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e...	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uplynk.com	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e...	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uplynk.com	f.m3u8?pbs=6d745150acb84afe94a67bafba1287e...	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...

See e.g., <https://www.thisoldhouse.com>.

142. This Old House generates, by the at least one computing device, at least one play script (e.g., M3U8 file(s)) including at least one identification (e.g., segment

information/segment file name) of the at least one portion of the requested media as demonstrated by the examples provided below:

The screenshot shows a video player interface with a network inspector below it. The video player displays a man's face with a crosshair. The network inspector shows a list of GET requests to vnd.apple.mp4 files. The selected request shows the following response headers:

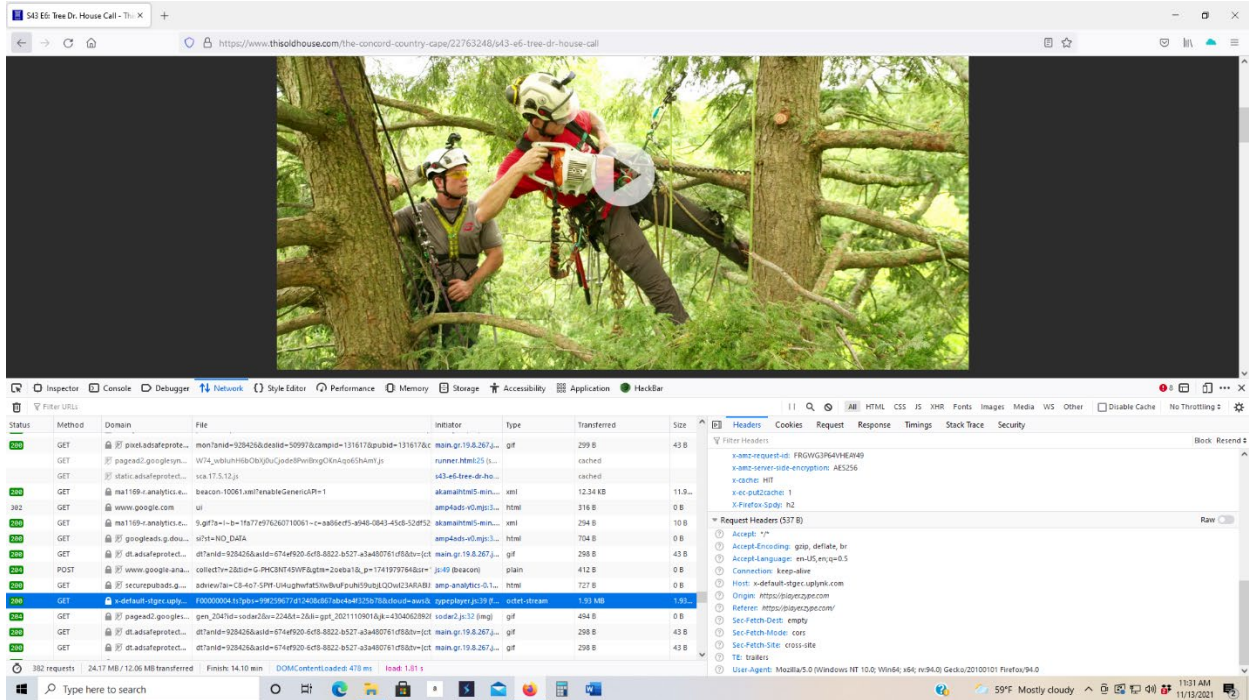
- access-control-allow-origin: *
- cache-control: no-cache, no-store
- content-encoding: br
- content-length: 1741
- content-type: application/vnd.apple.mpegurl
- date: Mon, 15 Nov 2021 09:51:29 GMT
- referrer-policy: no-referrer-when-downgrade
- server: nginx
- strict-transport-security: max-age=31536000; includeSubDomains
- x-content-type-options: nosniff
- X-Firefox-Spdy: h2
- x-services: 587a912103da4585aedaa582fe1b5eac
- x-xss-protection: 1; mode=block

The screenshot shows a video player interface with a network inspector below it. The video player displays a man's face with a crosshair. The network inspector shows a list of GET requests to vnd.apple.mp4 files. The selected request shows the following request headers:

- Accept: */*
- Accept-Encoding: gzip, deflate, br
- Accept-Language: en-US,en;q=0.5
- Connection: keep-alive
- Host: content-ause2-up-1.uplynk.com
- Origin: https://player.zype.com
- Referer: https://player.zype.com/
- Sec-Fetch-Dest: empty
- Sec-Fetch-Mode: cors
- Sec-Fetch-Site: cross-site
- TE: trailers
- User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0

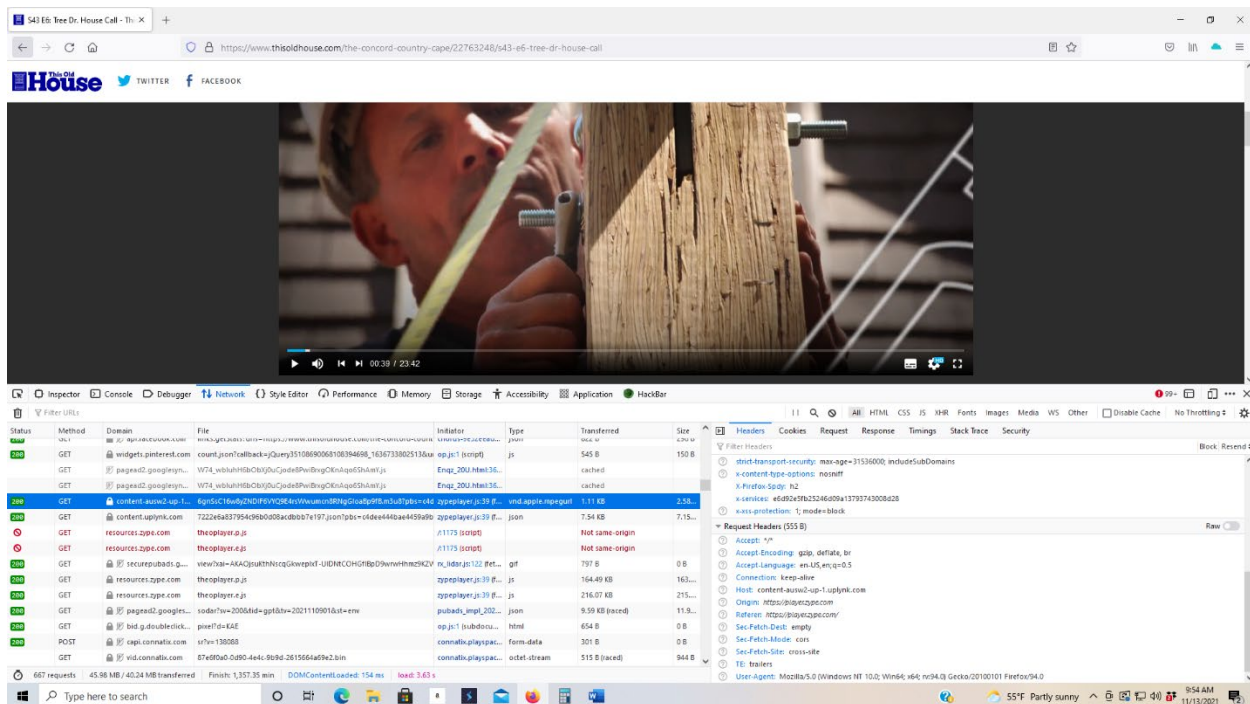
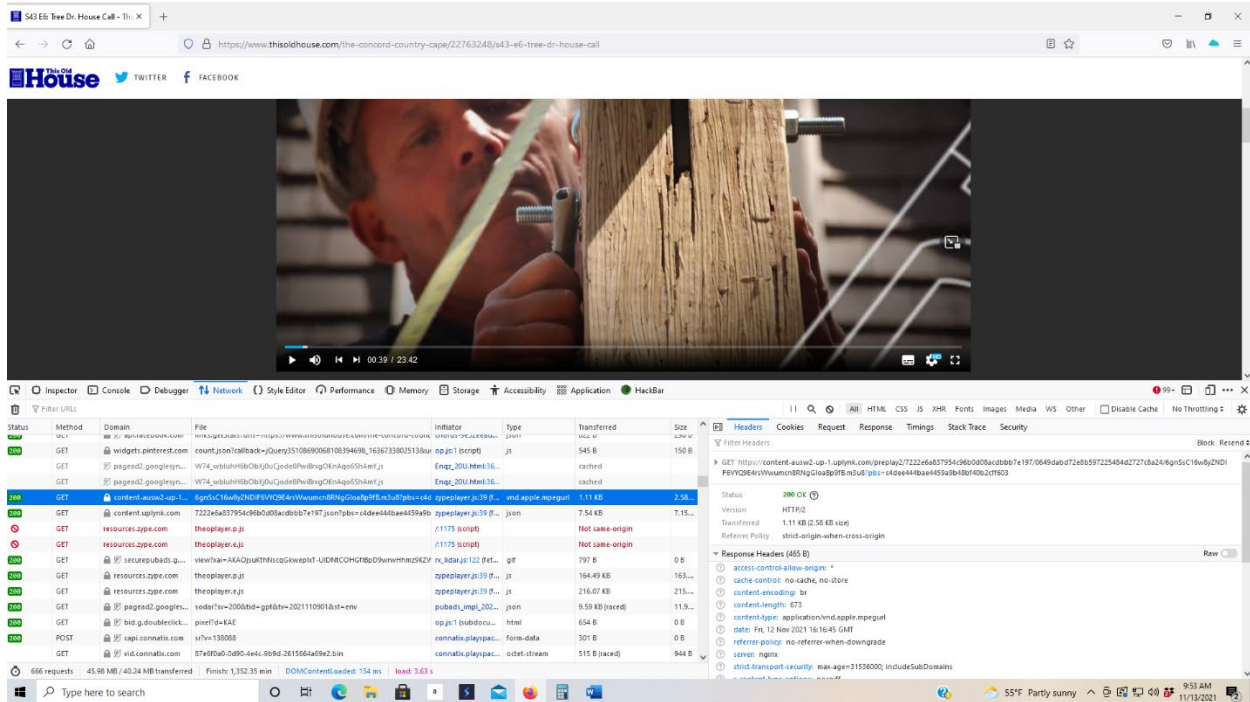
This screenshot shows the Network tab of a web browser's developer tools. The top portion of the image displays a video player showing two men in a kitchen setting. Below the video, the Network tab is active, showing a list of 20 requests. The selected request is a GET request to 'content-ause2-up-1.uplynk.com' with a response payload visible on the right. The payload includes headers such as 'EXTM3U', 'EXT-X-VERSION:5', and 'EXT-X-PLAYLIST-TYPE:VOD'. It also contains a 'Segment' with a 'key' and 'method' set to AES-128, and 'EXTINF' values.

This screenshot shows a web browser displaying a video of three people rappelling down a large tree. The browser's address bar shows the URL 'https://www.thisoldhouse.com/the-concord-country-cape/22763248/y43-e6-tree-dr-house-call'. Below the video, the developer tools Network tab is open, showing a list of requests. The selected request is a GET request to 'https://m.default-stg.ec.uplynk.com/ausw/slices/7227644d8ceb184751b43edb3d8d04/72226a837954c9e80d3accbb7e197f000000411?pb-g-9925967781480687b0c49f3201b10c0e8-ws-cs-0-0'. The response headers are visible on the right, including 'Status: 200 OK', 'Version: HTTP/2', and 'Access-Control-Allow-Origin: *'. The browser's task manager at the bottom shows 382 requests and 24.17 MB of data transferred.



See e.g., <https://www.thisoldhouse.com>.

143. This Old House generates, by the at least one computing device, at least one play script (e.g., M3U8 file(s)) including a reservation identification associated with the request for media as demonstrated by the example provided below:



See e.g., <https://www.thisoldhouse.com>.

144. This Old House generates, by the at least one computing device, at least one play script (e.g., M3U8 file(s)) including at least one universal resource locator

(URL) associated with the at least one identification of the at least one portion of the requested media, the at least one URL including at least one identification (e.g., host name) of the at least one resource (e.g., streaming server(s)) other than the at least one computing device available to facilitate streaming of at least one of the at least one portion of the requested media as demonstrated by the example provided below:

The screenshot displays a video player at the top with a man's face, where the right eye is obscured by a black circle with a white 'X'. Below the video is a browser's developer tools interface. The 'Network' tab is active, showing a list of requests. The selected request is a GET to 'content-ause2-up-1.uplynk.com'. The 'Response Headers' panel is expanded, showing the following headers:

- access-control-allow-origin: *
- cache-control: no-cache, no-store
- content-encoding: br
- content-length: 1741
- content-type: application/vnd.apple.mpegurl
- date: Mon, 15 Nov 2021 09:51:29 GMT
- referrer-policy: no-referrer-when-downgrade
- server: nginx
- strict-transport-security: max-age=31536000; includeSubDomains
- x-content-type-options: nosniff
- X-Firefox-Spdy: h2
- x-services: 587a912103da4585aedaa582fe1b5eac
- x-xss-protection: 1; mode=block

Inspector Console Debugger Network Style Editor Performance Memory Storage Accessibility Application

m3u8

St...	M...	Domain	File	Initiator	Type	Transferred	Size	Headers	Request	Response	Timings	Stack Trace	Security
200	GET	content-ause2-up-1.uply...	3mQZCIY8dVDNBR4NhEmgm01Hkqy4xgyhroMC	zypeplayer.js:39 (fe...	vnd.apple.mp...	1.11 KB	2...	Filter Headers					Block Resend
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	content-type: application/vnd.apple.mpegurl					
200	GET	content-ause2-up-1.uply...	e.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	date: Mon, 15 Nov 2021 09:51:29 GMT					
200	GET	content-ause2-up-1.uply...	c.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.15 KB	14...	referrer-policy: no-referrer-when-downgrade					
200	GET	content-ause2-up-1.uply...	d.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	server: nginx					
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	strict-transport-security: max-age=31536000; includeSubDomains					
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	x-content-type-options: nosniff					
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	X-Firefox-Spdy: h2					
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	x-services: 587a912103da4585aedaa582fe1b5eac					
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	x-xss-protection: 1; mode=block					
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Request Headers (470 B)					Raw
								Accept: */*					
								Accept-Encoding: gzip, deflate, br					
								Accept-Language: en-US,en;q=0.5					
								Connection: keep-alive					
								Host: content-ause2-up-1.uplynk.com					
								Origin: https://player.zype.com					
								Referer: https://player.zype.com/v					
								Sec-Fetch-Dest: empty					
								Sec-Fetch-Mode: cors					
								Sec-Fetch-Site: cross-site					
								TE: trailers					
								User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv94.0) Gecko/20100101 Firefox/94.0					

11 requests | 1.42 MB / 22.66 KB transferred | Finish: 8.88 min | DOMContentLoaded: 615 ms | load: 2.10 s

Inspector Console Debugger Network Style Editor Performance Memory Storage Accessibility Application

Filter URLs

St...	M...	Domain	File	Initiator	Type	Transferred	Size	Headers	Request	Response	Timings	Stack Trace	Security
200	GET	content-ausw2-up-1.upl...	f.m3u8?pbs=273d6cb0fc31492b9b4c087d750ea	zypeplayer.js:39 (f...	vnd.apple.mp...	2.15 KB	1...	Filter Headers					Block Resend
200	GET	x-default-stgec.uplynk.c...	F0000056.ts?pbs=273d6cb0fc31492b9b4c087d750ea	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...	GET https://x-default-stgec.uplynk.com/ausw/slices/116/7d44d8cebd184751b43edb3c8c8bdd44/f16163dbd27b4924a11e5e7c245ba91c/F0000059.ts?pbs=273d6cb0fc31492b9b4c087d750ea596&cloud=aws&si=0					
200	GET	x-default-stgec.uplynk.c...	F0000057.ts?pbs=273d6cb0fc31492b9b4c087d750ea	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...	Status: 200 OK					
200	GET	pubads.g.doubleclick...	ads?slotname=/142694468/zype_video&sz=640	bridge3.489.0.en...	xml	5.34 KB	2...	Version: HTTP/2					
200	GET	x-default-stgec.uplynk.c...	F0000058.ts?pbs=273d6cb0fc31492b9b4c087d750ea	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...	Transferred: 1.83 MB (1.83 MB size)					
204	P...	csi.gstatic.com	csi?v=28s=ima&puid=2-kw05iq578c=5392206	bridge3.489.0.en...	gif	390 B	0 B	Referrer Policy: strict-origin-when-cross-origin					
200	GET	securepubads.g.doubleclick...	view?xai=AKAOjstHir_HLTOT7CluyLoKODXSbl8	bridge3.489.0.en...	gif	797 B	0 B	Response Headers (582 B)					Raw
204	P...	csi.gstatic.com	csi?v=28s=ima&puid=2-kw05iq708c=5392206	ima3.js:98 (beacon)	gif	390 B	0 B	accept-ranges: bytes					
302	GET	redirector.gvt1.com	file.webm	media	webm	3.46 MB	3...	access-control-allow-origin: *					
206	GET	r1---sn-q4llmnl.gvt1.com	file.webm	media	webm	3.46 MB	3...	age: 879089					
200	GET	x-default-stgec.uplynk.c...	F0000059.ts?pbs=273d6cb0fc31492b9b4c087d750ea	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...	cache-control: no-cache					
200	GET	x-default-stgec.uplynk.c...	F000005A.ts?pbs=273d6cb0fc31492b9b4c087d750ea	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...	content-length: 1922688					
200	GET	x-default-stgec.uplynk.c...	F000005B.ts?pbs=273d6cb0fc31492b9b4c087d750ea	zypeplayer.js:39 (f...	octet-stream	1.81 MB	1...	content-type: application/octet-stream					
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RYb31Ebacgr	bridge3.489.0.en...	gif	760 B	4...	date: Mon, 15 Nov 2021 04:14:03 GMT					
200	GET	securepubads.g.doubleclick...	view?xai=AKAOjssx-LpLbWjIjBHZAWctfctSGbWs	bridge3.489.0.en...	gif	797 B	0 B	etag: "6d0c084c43b33c0ea834ca8af90ac660"					
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RYb31Ebacgr	bridge3.489.0.en...	gif	760 B	4...	expires: Mon, 15 Nov 2021 04:14:02 GMT					
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RYb31Ebacgr	bridge3.489.0.en...	gif	760 B	4...	last-modified: Wed, 03 Nov 2021 19:56:17 GMT					
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RYb31Ebacgr	bridge3.489.0.en...	gif	760 B	4...	server: ECACC (daa/7D7D)					

420 requests | 83.40 MB / 75.74 MB transferred | Finish: 6.16 min | DOMContentLoaded: 664 ms | load: 9.22 s

The screenshot displays the browser's developer tools interface. At the top, a video player is visible with a close button (X) overlaid on a video frame showing hands working on a small metal part. Below the video player, the network tab is open, showing a list of requests. The selected request is a video file from a zypeplayer.js39 domain. The headers tab is also open, showing various request headers including Accept, Accept-Encoding, Accept-Language, Connection, Host, Origin, Referer, Sec-Fetch-Dest, Sec-Fetch-Mode, Sec-Fetch-Site, and User-Agent.

St.	M.	Domain	File	Initiator	Type	Transferred	Size
200	GET	content-ausw2-up-1.upl...	f:m3u8?pbs=273d6cb0fc31492b9b4c087d750ea...	zypeplayer.js:39 (f...	video/mp4	2.15 KB	1...
200	GET	x-default-stg.ec.uplynk.c...	F0000056ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...
200	GET	x-default-stg.ec.uplynk.c...	F0000057ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...
200	GET	pubads.g.doubleclick...	ads?slotname=/142694468/zype_video&sz=640	bridge3.489.0_en...	xml	5.34 KB	2...
200	GET	x-default-stg.ec.uplynk.c...	F0000058ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...
204	P...	csi.gstatic.com	csi?v=2&ts=ima&pauid=2-kw05iq57&ec=5392206	bridge3.489.0_en...	gif	390 B	0 B
200	GET	securepubads.g.dou...	view?xai=AKAOjstHr_JLHLOT7CluyotLokODXSbl8	bridge3.489.0_en...	gif	797 B	0 B
204	P...	csi.gstatic.com	csi?v=2&ts=ima&pauid=2-kw05iq70&ec=5392206	ima3.js:98 (beacon)	gif	390 B	0 B
302	GET	redirector.gvt1.com	file.webm	media	webm	3.46 MB	3...
200	GET	r1---sn-q4flmsl.gvt1.com	file.webm	media	webm	3.46 MB	3...
200	GET	x-default-stg.ec.uplynk.c...	F0000059ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stg.ec.uplynk.c...	F000005Ats?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stg.ec.uplynk.c...	F000005Bts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.81 MB	1...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RvB31Ebagr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	securepubads.g.dou...	view?xai=AKAOjssx-lplLWjJbHZAWc:fc15GbW5'	bridge3.489.0_en...	gif	797 B	0 B
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RvB31Ebagr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RvB31Ebagr...	bridge3.489.0_en...	gif	760 B	4...

426 requests | 94.32 MB / 86.67 MB transferred | Finish: 6.57 min | DOMContentLoaded: 664 ms | load: 9.22 s

Request Headers (537 B)

- Accept: /*
- Accept-Encoding: gzip, deflate, br
- Accept-Language: en-US;q=0.5
- Connection: keep-alive
- Host: x-default-stg.ec.uplynk.com
- Origin: https://player.zype.com/
- Referer: https://player.zype.com/
- Sec-Fetch-Dest: empty
- Sec-Fetch-Mode: cors
- Sec-Fetch-Site: cross-site
- User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0

See e.g., <https://www.thisoldhouse.com>.

145. This Old House generates, by the at least one computing device, at least one play script (e.g., M3U8 file(s)) including one or more instructions for use by the communication device together with the at least one URL and the reservation identification to enable the communication device to obtain the at least one portion of the requested media as demonstrated by the example provided below:

The screenshot shows a video player interface with a man's face and a red 'X' over his eyes. Below the video is a browser's developer network tool. The network tool shows a list of requests, with the selected request having the following response headers:

```

Status: 200 OK
Version: HTTP/2
Transferred: 2.16 KB (145.13 KB size)
Referrer Policy: strict-origin-when-cross-origin

Response Headers (466 B)
- access-control-allow-origin: *
- cache-control: no-cache, no-store
- content-encoding: br
- content-length: 1741
- content-type: application/vnd.apple.mpegurl
- date: Mon, 15 Nov 2021 09:51:29 GMT
- referrer-policy: no-referrer-when-downgrade
- server: nginx
- strict-transport-security: max-age=31536000; includeSubDomains
- x-content-type-options: nosniff
- X-Firefox-Spdy: h2
- x-services: 587a912103da4585aedaa582fe1b5eac
- x-xss-protection: 1; mode=block
    
```

The screenshot shows a video player interface with a man's face and a red 'X' over his eyes. Below the video is a browser's developer network tool. The network tool shows a list of requests, with the selected request having the following request headers:

```

Request Headers (470 B)
- Accept: */*
- Accept-Encoding: gzip, deflate, br
- Accept-Language: en-US,en;q=0.5
- Connection: keep-alive
- Host: content-ause2-up-1.uplynk.com
- Origin: https://player.zype.com
- Referer: https://player.zype.com/
- Sec-Fetch-Dest: empty
- Sec-Fetch-Mode: cors
- Sec-Fetch-Site: cross-site
- TE: trailers
- User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0
    
```

St.	M.	Domain	File	Initiator	Type	Transferred	Size
200	GET	content-ausw2-up-1.upl...	f.m3u8?pbs=273d6cb0fc31492b9b4c087d750ea...	zypeplayer.js39 (f...	vnd.apple.mp...	2.15 KB	1...
200	GET	x-default-stgecuplynk.c...	F0000056.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
200	GET	x-default-stgecuplynk.c...	F0000057.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
200	GET	pubads.g.doubleclick...	ads?slotname=/142694468/zype_video8sz=640	bridge3.489.0_en...	xml	5.34 KB	2...
200	GET	x-default-stgecuplynk.c...	F0000058.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
204	P...	csi.gstatic.com	csi?v=2&ts=ima&puid=2-kw05iq57&c=5392206	bridge3.489.0_en...	gif	390 B	0 B
200	GET	securepubads.g.dou...	view?xai=AKA0jstHr_HLTO7CluyolLokODX5bl8	bridge3.489.0_en...	gif	797 B	0 B
204	P...	csi.gstatic.com	csi?v=2&ts=ima&puid=2-kw05iq70&c=5392206	ima3.js:98 (beacon)	gif	390 B	0 B
302	GET	redirector.gvt1.com	file.webm	media	webm	3.46 MB	3...
206	GET	r1---sn-q4flm1.gvt1.com	file.webm	media	webm	3.46 MB	3...
200	GET	x-default-stgecuplynk.c...	F0000059.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgecuplynk.c...	F000005A.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgecuplynk.c...	F000005B.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.81 MB	1...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96Ryb31Ebagr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	securepubads.g.dou...	view?xai=AKA0jssx-LpLbWJjibHZAWfctSGbW5'	bridge3.489.0_en...	gif	797 B	0 B
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96Ryb31Ebagr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96Ryb31Ebagr...	bridge3.489.0_en...	gif	760 B	4...

St.	M.	Domain	File	Initiator	Type	Transferred	Size
200	GET	content-ausw2-up-1.upl...	f.m3u8?pbs=273d6cb0fc31492b9b4c087d750ea...	zypeplayer.js39 (f...	vnd.apple.mp...	2.15 KB	1...
200	GET	x-default-stgecuplynk.c...	F0000056.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
200	GET	x-default-stgecuplynk.c...	F0000057.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
200	GET	pubads.g.doubleclick...	ads?slotname=/142694468/zype_video8sz=640	bridge3.489.0_en...	xml	5.34 KB	2...
200	GET	x-default-stgecuplynk.c...	F0000058.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
204	P...	csi.gstatic.com	csi?v=2&ts=ima&puid=2-kw05iq57&c=5392206	bridge3.489.0_en...	gif	390 B	0 B
200	GET	securepubads.g.dou...	view?xai=AKA0jstHr_HLTO7CluyolLokODX5bl8	bridge3.489.0_en...	gif	797 B	0 B
204	P...	csi.gstatic.com	csi?v=2&ts=ima&puid=2-kw05iq70&c=5392206	ima3.js:98 (beacon)	gif	390 B	0 B
302	GET	redirector.gvt1.com	file.webm	media	webm	3.46 MB	3...
206	GET	r1---sn-q4flm1.gvt1.com	file.webm	media	webm	3.46 MB	3...
200	GET	x-default-stgecuplynk.c...	F0000059.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgecuplynk.c...	F000005A.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgecuplynk.c...	F000005B.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.81 MB	1...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96Ryb31Ebagr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	securepubads.g.dou...	view?xai=AKA0jssx-LpLbWJjibHZAWfctSGbW5'	bridge3.489.0_en...	gif	797 B	0 B
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96Ryb31Ebagr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96Ryb31Ebagr...	bridge3.489.0_en...	gif	760 B	4...

See e.g., <https://www.thisoldhouse.com/videos>.

146. This Old House transmits, by the at least one computing device to the communication device, the at least one play script to enable the communication device

to obtain the at least one portion of the requested media via the communication network using the at least one resource other than the at least one computing device as demonstrated by the example provided below:

The screenshot shows a web browser window with the URL <https://www.thisoldhouse.com/the-concord-country-cape/22763248/s43-e6-tree-dr-house-call>. The page content includes a video player showing a man measuring wood. Below the video player, the Chrome DevTools Network tab is open, displaying a list of network requests. The selected request is a video file from content.suiv2-up-1.uplynk.com, with a status of 200 OK and a size of 1.11 KB. The response headers are visible on the right side of the Network tab, including content-type: video/mp4, x-content-type-options: nosniff, and x-robots-tag: no.

Status	Method	Domain	File	Initiator	Type	Transferred	Size
200	GET	content.suiv2-up-1.uplynk.com	6qg5C16wlyZNDiFVYQ64wUwmnBRNgGvop9F8m3ud7ps-c4ic_zppeplayer.js:39	video/mp4	1.11 KB	2.5K	2.5K
200	GET	content.uplynk.com	7222e6d37954c96b0080adcb07e197_joon7ps-c4deee44bae445949b_zppeplayer.js:39	json	7.54 KB	7.15...	7.15...
200	GET	resources.zype.com	theoplayer.p.js	!1173 (script)	Not same-origin	Not same-origin	Not same-origin
200	GET	resources.zype.com	theoplayer.e.js	!1173 (script)	Not same-origin	Not same-origin	Not same-origin
200	GET	secureubd4s-q.../view?ai=AAAGjUkTNNccGwepn1-UJDRCCGHFBpO9vwHm2KZV_r_kRMJ.js:122	pre...	gif	797 B	0 B	0 B
200	GET	resources.zype.com	theoplayer.p.js	zppeplayer.js:39	js	164.49 KB	163...
200	GET	resources.zype.com	theoplayer.e.js	zppeplayer.js:39	js	216.07 KB	215...
200	GET	pageid2.googlest...sodar?sv=2008id4-ggt6t=2021110918t+emv	pubads_impl_202...	json	5.59 KB (parsed)	11.9...	11.9...
200	GET	bid.g.doubleclick...pixelfid=EA	ep.js:1 (subdocu...	html	654 B	0 B	0 B
200	POST	capl.commatix.com	s?sv=130008	connatix.playpac...	form-data	301 B	0 B
200	GET	vid.commatix.com	87e90a0-0490-444c-90bd-2615664af9a2.bin	connatix.playpac...	octet-stream	515 B (parsed)	944 B

The screenshot shows a web browser window with the URL <https://www.thisoldhouse.com/the-concord-country-cape/22763248/s43-e6-tree-dr-house-call>. The page content includes a video player showing a man measuring wood. Below the video player, the Chrome DevTools Network tab is open, displaying a list of network requests. The selected request is a video file from content.suiv2-up-1.uplynk.com, with a status of 200 OK and a size of 1.11 KB. The response headers are visible on the right side of the Network tab, including content-type: video/mp4, x-content-type-options: nosniff, and x-robots-tag: no.

Status	Method	Domain	File	Initiator	Type	Transferred	Size
200	GET	content.suiv2-up-1.uplynk.com	6qg5C16wlyZNDiFVYQ64wUwmnBRNgGvop9F8m3ud7ps-c4ic_zppeplayer.js:39	video/mp4	1.11 KB	2.5K	2.5K
200	GET	content.uplynk.com	7222e6d37954c96b0080adcb07e197_joon7ps-c4deee44bae445949b_zppeplayer.js:39	json	7.54 KB	7.15...	7.15...
200	GET	resources.zype.com	theoplayer.p.js	!1173 (script)	Not same-origin	Not same-origin	Not same-origin
200	GET	resources.zype.com	theoplayer.e.js	!1173 (script)	Not same-origin	Not same-origin	Not same-origin
200	GET	secureubd4s-q.../view?ai=AAAGjUkTNNccGwepn1-UJDRCCGHFBpO9vwHm2KZV_r_kRMJ.js:122	pre...	gif	797 B	0 B	0 B
200	GET	resources.zype.com	theoplayer.p.js	zppeplayer.js:39	js	164.49 KB	163...
200	GET	resources.zype.com	theoplayer.e.js	zppeplayer.js:39	js	216.07 KB	215...
200	GET	pageid2.googlest...sodar?sv=2008id4-ggt6t=2021110918t+emv	pubads_impl_202...	json	5.59 KB (parsed)	11.9...	11.9...
200	GET	bid.g.doubleclick...pixelfid=EA	ep.js:1 (subdocu...	html	654 B	0 B	0 B
200	POST	capl.commatix.com	s?sv=130008	connatix.playpac...	form-data	301 B	0 B
200	GET	vid.commatix.com	87e90a0-0490-444c-90bd-2615664af9a2.bin	connatix.playpac...	octet-stream	515 B (parsed)	944 B

See e.g., <https://www.thisoldhouse.com>.

147. SITO has been damaged by the direct infringement of This Old House, and is suffering and will continue to suffer irreparable harm and damages as a result of this infringement.

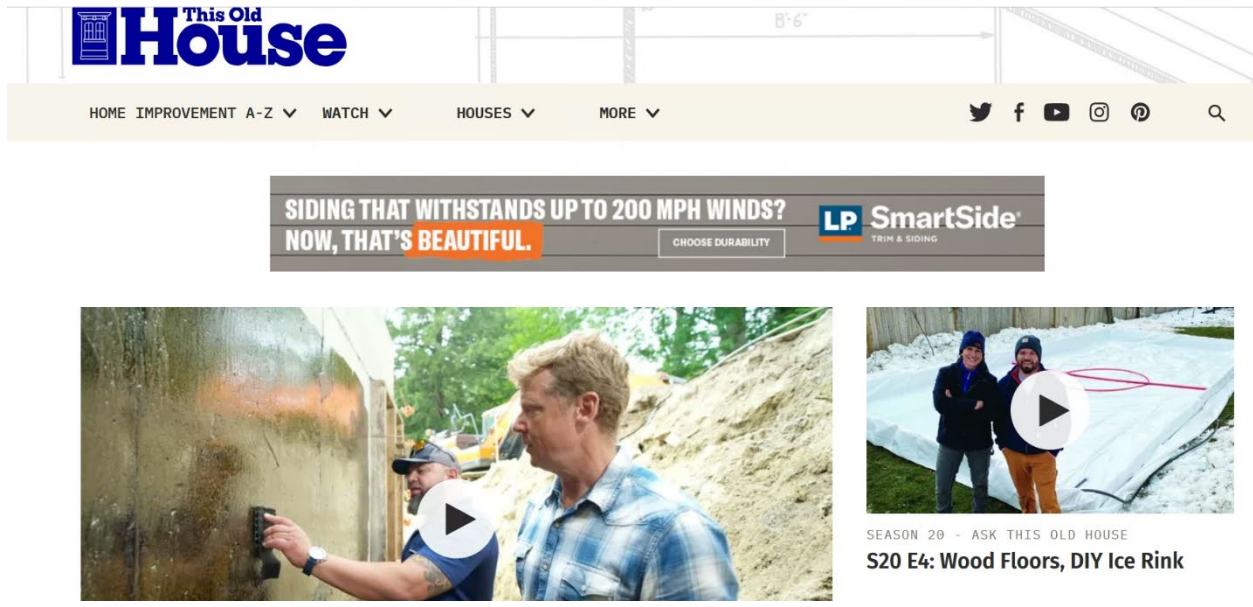
Count VII - Infringement of United States Patent No. 9,350,777

148. SITO alleges, and incorporates by reference, as if fully set forth here, the preceding paragraphs of this Complaint.

149. This Old House directly infringes (literally and/or under the doctrine of equivalents) the '777 patent by using the method covered by at least claim 59 of the '777 patent.

150. On information and belief, and without SITO's approval, authorization and license, This Old House owns, controls, operates and uses a system for streaming media that includes This Old House Streaming Platform, as well as other This Old House networks, systems, devices, components and/or services for streaming media, that practices and infringes the media streaming method recited in at least claim 59 of the '777 patent.

151. This Old House performs a media streaming management method as demonstrated by the example provided below:



The image is a screenshot of the This Old House website. At the top left is the 'This Old House' logo. Below it is a navigation bar with links for 'HOME IMPROVEMENT A-Z', 'WATCH', 'HOUSES', and 'MORE'. To the right of the navigation bar are social media icons for Twitter, Facebook, YouTube, Instagram, and Pinterest, along with a search icon. Below the navigation bar is a banner for LP SmartSide siding. The banner text reads: 'SIDING THAT WITHSTANDS UP TO 200 MPH WINDS? NOW, THAT'S BEAUTIFUL.' To the right of the text is the LP SmartSide logo and a button that says 'CHOOSE DURABILITY'. Below the banner are two video thumbnails. The left thumbnail shows a man in a blue plaid shirt looking at a wall being worked on by a construction worker. The right thumbnail shows two men standing next to a large white tarp covering a structure, with a play button icon overlaid. Below the right thumbnail is the text: 'SEASON 20 - ASK THIS OLD HOUSE S20 E4: Wood Floors, DIY Ice Rink'.

See e.g., <https://www.thisoldhouse.com>.

152. This Old House receives, by at least one computing device (e.g., server(s)) comprising a combination of hardware and software, a request (e.g., GET request) to receive media (e.g., television program) from at least one communication device (e.g., client device such as a personal computer, mobile device, and/or television) capable of playing the requested media as demonstrated by the example provided below:

The screenshot shows a video player interface with a man's face and a red 'X' over his eyes. Below the video, the browser's developer network tool is open, displaying a list of requests. The selected request is a GET request to a content-ause2-up-1.uplynk.com URL. The headers for this request are shown on the right side of the network tool.

St...	M...	Domain	File	Initiator	Type	Transferred	Size	Headers
200	GET	content-ause2-up-1.uply...	3mQZCY8dVDNBR4NhEmgm01HqgykgyhroMC	zypeplayer.js:39 (fe...	vnd.apple.mp...	1.11 KB	2...	Filter Headers
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	content-type: application/vnd.apple.mpegurl
200	GET	content-ause2-up-1.uply...	e.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	date: Mon, 15 Nov 2021 09:51:29 GMT
200	GET	content-ause2-up-1.uply...	c.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.15 KB	14...	referrer-policy: no-referrer-when-downgrade
200	GET	content-ause2-up-1.uply...	d.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	server: nginx
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	strict-transport-security: max-age=31536000; includeSubDomains
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	x-content-type-options: nosniff
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	X-Firefox-Spdy: h2
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	x-services: 587a912103da4585aedaa582fe1b5eac
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	x-xss-protection: 1; mode=block
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Request Headers (470 B)
								Accept: */*
								Accept-Encoding: gzip, deflate, br
								Accept-Language: en-US,en;q=0.5
								Connection: keep-alive
								Host: content-ause2-up-1.uplynk.com
								Origin: https://player.zype.com
								Referer: https://player.zype.com/v
								Sec-Fetch-Dest: empty
								Sec-Fetch-Mode: cors
								Sec-Fetch-Site: cross-site
								TE: trailers
								User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv94.0) Gecko/20100101 Firefox/94.0

The screenshot shows a video player interface with a man's face and a red 'X' over his eyes. Below the video, the browser's developer network tool is open, displaying a list of requests. The selected request is a GET request to a content-ause2-up-1.uplynk.com URL. The response for this request is shown on the right side of the network tool.

St...	M...	Domain	File	Initiator	Type	Transferred	Size	Response
200	GET	content-ause2-up-1.uply...	3mQZCY8dVDNBR4NhEmgm01HqgykgyhroMC	zypeplayer.js:39 (fe...	vnd.apple.mp...	1.11 KB	2...	Filter Headers
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	GET https://content-ause2-up-1.uplynk.com/f16163dbd27b4924a11e5e7c245ba91c/f.m3u8?pbs=6d745150acb84afe94a67bafba1287e9
200	GET	content-ause2-up-1.uply...	e.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Status: 200 OK
200	GET	content-ause2-up-1.uply...	c.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.15 KB	14...	Version: HTTP/2
200	GET	content-ause2-up-1.uply...	d.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Transferred: 2.16 KB (145.13 KB size)
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Referrer Policy: strict-origin-when-cross-origin
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Response Headers (466 B)
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	access-control-allow-origin: *
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	cache-control: no-cache, no-store
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	content-encoding: br
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	content-length: 1741
								content-type: application/vnd.apple.mpegurl
								date: Mon, 15 Nov 2021 09:51:29 GMT
								referrer-policy: no-referrer-when-downgrade
								server: nginx
								strict-transport-security: max-age=31536000; includeSubDomains
								x-content-type-options: nosniff
								X-Firefox-Spdy: h2
								x-services: 587a912103da4585aedaa582fe1b5eac
								x-xss-protection: 1; mode=block

See e.g., <https://www.thisoldhouse.com>.

153. In response to the request for media and based on one or more attributes (e.g., type of device (e.g., PC), operating system, browser and/or media player) of the

communication device and one or more rules associated with the requested media, This Old House transmits (e.g., within an M3U8 file(s)), to the communication device by the at least one computing device over a communication network (e.g., the Internet) at least one identification (e.g., segment information/segment file name) of the at least one portion of the requested media (video segment(s)) as demonstrated by the examples provided below:

The image shows a video player interface with a network inspector tool overlaid. The video player displays a man's face, with one eye obscured by a black circle with a white 'X'. The network inspector tool shows a list of GET requests to various video segments. The selected request is highlighted in blue.

St...	M...	Domain	File	Initiator	Type	Transferred	Size	Headers	Cookies	Request	Response	Timings	Stack Trace	Security
200	GET	content-ause2-up-1.uply...	3mQZCiy8dVDNBR4NhEmgm01Hhqqy4xgyhroMC	zypeplayer.js:39 (fe...	vnd.apple.mp...	1.11 KB	2...	Filter Headers						Block Resenc
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67ba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	GET https://content-ause2-up-1.uplynk.com/f16163dbd27b4924a11e5e7c245ba91c/f.m3u8?pbs=6d745150acb84afe94a67ba1287e9						
200	GET	content-ause2-up-1.uply...	e.m3u8?pbs=6d745150acb84afe94a67ba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Status	200 OK					
200	GET	content-ause2-up-1.uply...	c.m3u8?pbs=6d745150acb84afe94a67ba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.15 KB	14...	Version	HTTP/2					
200	GET	content-ause2-up-1.uply...	d.m3u8?pbs=6d745150acb84afe94a67ba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Transferred	2.16 KB (145.13 KB size)					
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67ba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Referrer Policy	strict-origin-when-cross-origin					
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67ba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	▼ Response Headers (466 B) Raw						
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67ba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	access-control-allow-origin	*					
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67ba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	cache-control	no-cache, no-store					
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67ba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	content-encoding	br					
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67ba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	content-length	1741					
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67ba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	content-type	application/vnd.apple.mpegurl					
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67ba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	date	Mon, 15 Nov 2021 09:51:29 GMT					
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67ba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	referrer-policy	no-referrer-when-downgrade					
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67ba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	server	nginx					
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67ba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	strict-transport-security	max-age=31536000; includeSubDomains					
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67ba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	x-content-type-options	nosniff					
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67ba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	X-Firefox-Spdy	h2					
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67ba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	x-services	587a912103da4585aedaa582fe1b5eac					
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67ba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	x-xss-protection	1; mode=block					

The screenshot shows a video player interface with a network inspector below it. The video shows a man in a plaid shirt with a red 'X' over his eyes. The network inspector shows a list of requests, with the selected request having the following headers:

- Accept: */*
- Accept-Encoding: gzip, deflate, br
- Accept-Language: en-US,en;q=0.5
- Connection: keep-alive
- Host: content-ause2-up-1.uplynk.com
- Origin: https://player.zype.com
- Referer: https://player.zype.com/v
- Sec-Fetch-Dest: empty
- Sec-Fetch-Mode: cors
- Sec-Fetch-Site: cross-site
- TE: trailers
- User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv94.0) Gecko/20100101 Firefox/94.0

The screenshot shows a video player interface with a network inspector below it. The video shows two men in a kitchen setting. The network inspector shows a list of requests, with the selected request having the following response payload:

```
1 #EXTM3U
2 #EXT-X-VERSION:5
3 #EXT-X-PLAYLIST-TYPE:VOD
4 #EXT-X-MEDIA-SEQUENCE:0
5 #EXT-X-TARGETDURATION:0
6 #UPLYNK-SEGMENT: f16163dbd27b4924a11e5e7c245ba91c,00000000,segment
7 #UPLYNK-KEY:https://content-ause2-up-1.uplynk.com/check?b=f16163dbd27b4924
8 #EXT-X-PROGRAM-DATE-TIME:2021-11-15T09:51:20.968000+00:00
9 #EXT-X-KEY:METHOD=AES-128,URI="https://content-ause2-up-1.uplynk.com/check
10 #EXTINF:4.0960,
11 https://x-default-stg.ec.uplynk.com/ausw/slices/f16/7d44d8ceb184751b43edb3
12 #EXT-X-KEY:METHOD=AES-128,URI="https://content-ause2-up-1.uplynk.com/check
13 #EXTINF:4.0960,
14 https://x-default-stg.ec.uplynk.com/ausw/slices/f16/7d44d8ceb184751b43edb3
15 #EXT-X-KEY:METHOD=AES-128,URI="https://content-ause2-up-1.uplynk.com/check
16 #EXTINF:4.0960,
17 https://x-default-stg.ec.uplynk.com/ausw/slices/f16/7d44d8ceb184751b43edb3
18 #EXT-X-KEY:METHOD=AES-128,URI="https://content-ause2-up-1.uplynk.com/check
19 #EXTINF:4.0960,
20 https://x-default-stg.ec.uplynk.com/ausw/slices/f16/7d44d8ceb184751b43edb3
21 #EXT-X-KEY:METHOD=AES-128,URI="https://content-ause2-up-1.uplynk.com/check
22 #EXTINF:4.0960,
23 https://x-default-stg.ec.uplynk.com/ausw/slices/f16/7d44d8ceb184751b43edb3
24 #EXT-X-KEY:METHOD=AES-128,URI="https://content-ause2-up-1.uplynk.com/check
25 #EXTINF:4.0960,
26 https://x-default-stg.ec.uplynk.com/ausw/slices/f16/7d44d8ceb184751b43edb3
27 #EXT-X-KEY:METHOD=AES-128,URI="https://content-ause2-up-1.uplynk.com/check
28 #EXTINF:4.0960,
29 https://x-default-stg.ec.uplynk.com/ausw/slices/f16/7d44d8ceb184751b43edb3
30 #EXT-X-KEY:METHOD=AES-128,URI="https://content-ause2-up-1.uplynk.com/check
31 #EXTINF:4.0960,
32 https://x-default-stg.ec.uplynk.com/ausw/slices/f16/7d44d8ceb184751b43edb3
33 #EXT-X-KEY:METHOD=AES-128,URI="https://content-ause2-up-1.uplynk.com/check
```

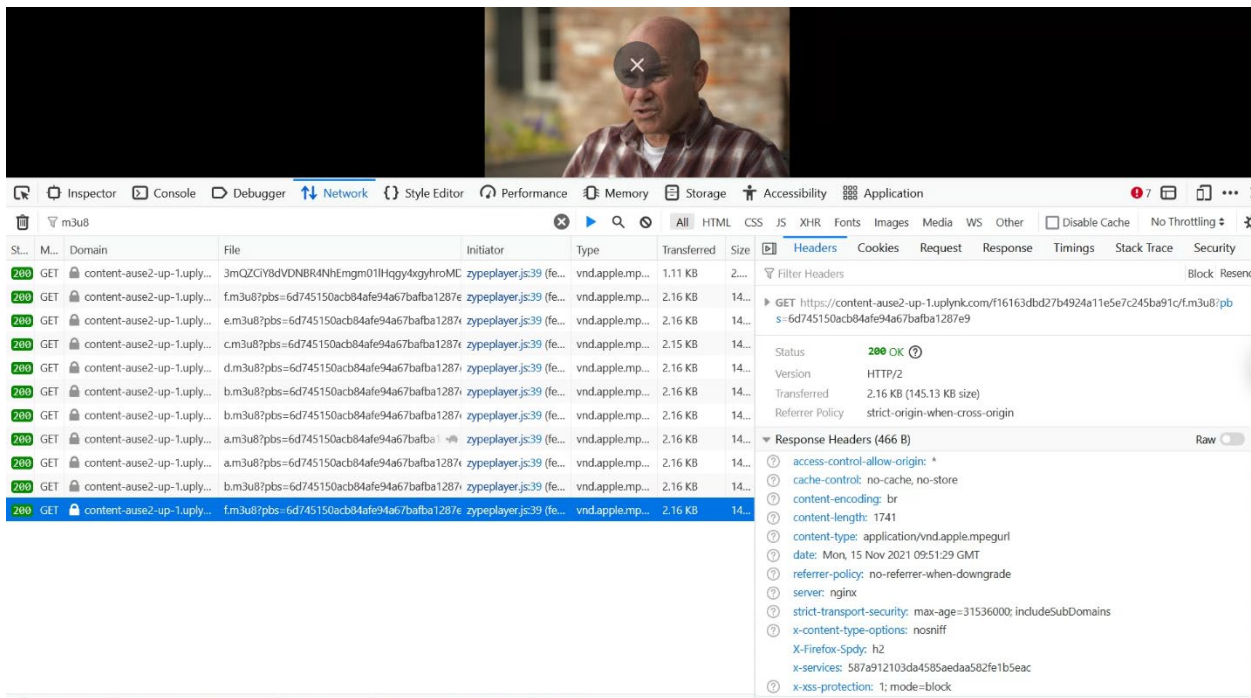

The screenshot shows the Network tab of a browser's developer tools. A request to 'x-default-stgec.uplynk.com' is selected. The response headers are visible, including 'Status: 200 OK', 'Version: HTTP/2', and 'Cache-Control: no-cache'. The request headers show 'Accept-Ranges: bytes' and 'Access-Control-Allow-Origin: *'.

The screenshot shows the Network tab of a browser's developer tools. A request to 'x-default-stgec.uplynk.com' is selected. The response headers are visible, including 'Status: 200 OK', 'Version: HTTP/2', and 'Cache-Control: no-cache'. The request headers show 'Accept-Encoding: gzip, deflate, br' and 'Accept-Language: en-US,en;q=0.5'.

See e.g., <https://www.thisoldhouse.com>.

154. In response to the request for media and based on one or more attributes (e.g., type of device (e.g., PC), operating system, browser and/or media player) of the

communication device and one or more rules associated with the requested media, This Old House transmits (e.g., within an M3U8 file(s)), to the communication device by the at least one computing device over a communication network (e.g., the Internet) at least one identification (e.g., host name) of at least one resource (e.g., streaming server(s)) other than the at least one computing device to facilitate streaming of the at least one portion of the requested media as demonstrated by the examples provided below:



The screenshot shows a video player interface with a network inspector below it. The video displays a man in a plaid shirt with a white 'X' on his forehead. The network inspector shows a list of requests, with the selected request being a GET request to a file from the domain content-ause2-up-1.uplynk.com. The selected request's headers are visible on the right side of the interface.

St...	M...	Domain	File	Initiator	Type	Transferred	Size	Headers
200	GET	content-ause2-up-1.uplynk.com	3mQZCIY8dVDNBR4NhEmgm01HqgykgyhroMC	zypeplayer.js:39 (fe...	vnd.apple.mp...	1.11 KB	2...	Filter Headers
200	GET	content-ause2-up-1.uplynk.com	f.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	content-type: application/vnd.apple.mpegurl
200	GET	content-ause2-up-1.uplynk.com	e.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	date: Mon, 15 Nov 2021 09:51:29 GMT
200	GET	content-ause2-up-1.uplynk.com	c.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.15 KB	14...	referrer-policy: no-referrer-when-downgrade
200	GET	content-ause2-up-1.uplynk.com	d.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	server: nginx
200	GET	content-ause2-up-1.uplynk.com	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	strict-transport-security: max-age=31536000; includeSubDomains
200	GET	content-ause2-up-1.uplynk.com	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	x-content-type-options: nosniff
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	X-Firefox-Spdy: h2
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	x-services: 587a912103da4585aedaa582fe1b5eac
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	x-xss-protection: 1; mode=block
200	GET	content-ause2-up-1.uplynk.com	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Request Headers (470 B)
200	GET	content-ause2-up-1.uplynk.com	f.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zypeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Accept: */*
								Accept-Encoding: gzip, deflate, br
								Accept-Language: en-US,en;q=0.5
								Connection: keep-alive
								Host: content-ause2-up-1.uplynk.com
								Origin: https://player.zype.com
								Referer: https://player.zype.com/v
								Sec-Fetch-Dest: empty
								Sec-Fetch-Mode: cors
								Sec-Fetch-Site: cross-site
								TE: trailers
								User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv94.0) Gecko/20100101 Firefox/94.0

Summary: 11 requests, 1.42 MB / 22.66 KB transferred, Finish: 8.88 min, DOMContentLoaded: 615 ms, load: 2.10 s

The screenshot shows a video player interface with a network inspector below it. The video displays two men in a workshop setting. The network inspector shows a list of requests, with the selected request being a GET request to a file from the domain x-default-stgec.uplynk.com. The selected request's response headers are visible on the right side of the interface.

St...	M...	Domain	File	Initiator	Type	Transferred	Size	Headers
200	GET	content-aws2-up-1.uplynk.com	f.m3u8?pbs=273d6cb0fc31492b9b4c087d750ea	zypeplayer.js:39 (f...	vnd.apple.mp...	2.15 KB	1...	Filter Headers
200	GET	x-default-stgec.uplynk.com	F00000056.ts?pbs=273d6cb0fc31492b9b4c087d	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...	GET https://x-default-stgec.uplynk.com/ausw/slices/f16/7d44d8cebd184751b43ed3c8c8bdd44/f16163dbd27b4924a11e5e7c245ba91c/F00000059.ts?pbs=273d6cb0fc31492b9b4c087d750ea596&cloud-aws&sl=0
200	GET	x-default-stgec.uplynk.com	F00000057.ts?pbs=273d6cb0fc31492b9b4c087d	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...	Status: 200 OK
200	GET	pubads.g.doubleclick.net	ads?slotname=/142694468/zype_video&sz=640	bridge3.489.0_en...	xml	5.34 KB	2...	Version: HTTP/2
200	GET	x-default-stgec.uplynk.com	F00000058.ts?pbs=273d6cb0fc31492b9b4c087d	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...	Transferred: 1.83 MB (1.83 MB size)
204	P...	csi.gstatic.com	csi?v=2&ts=ima&puid=2-kw05iq78e=5392206	bridge3.489.0_en...	gif	390 B	0 B	Referrer Policy: strict-origin-when-cross-origin
200	GET	securepubads.g.doubleclick.net	view?xai=AKA0jstHr_HLTO77CiyuLLokODXSbl8	bridge3.489.0_en...	gif	797 B	0 B	Response Headers (582 B)
204	P...	csi.gstatic.com	csi?v=2&ts=ima&puid=2-kw05iq78e=5392206	ima3.js:98 (beacon)	gif	390 B	0 B	accept-ranges: bytes
302	GET	redirector.gvt1.com	file.webm	media	webm	3.46 MB	3...	access-control-allow-origin: *
206	GET	r1---sn-q4llmnl.gvt1.com	file.webm	media	webm	3.46 MB	3...	age: 879089
200	GET	x-default-stgec.uplynk.com	F00000059.ts?pbs=273d6cb0fc31492b9b4c087d	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...	cache-control: no-cache
200	GET	x-default-stgec.uplynk.com	F0000005A.ts?pbs=273d6cb0fc31492b9b4c087d	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...	content-length: 1922688
200	GET	x-default-stgec.uplynk.com	F0000005B.ts?pbs=273d6cb0fc31492b9b4c087d	zypeplayer.js:39 (f...	octet-stream	1.81 MB	1...	content-type: application/octet-stream
200	GET	pubads.g.doubleclick.net	/pagead/interaction/?ai=BvUNni96Ryb31Ebacgr	bridge3.489.0_en...	gif	760 B	4...	date: Mon, 15 Nov 2021 04:14:03 GMT
200	GET	securepubads.g.doubleclick.net	view?xai=AKA0jssx-LpLwJjibZAWfcfSGbW5	bridge3.489.0_en...	gif	797 B	0 B	etag: "6d0c084c43b33c0ea834ca8a90ac660"
200	GET	securepubads.g.doubleclick.net	/pagead/interaction/?ai=BvUNni96Ryb31Ebacgr	bridge3.489.0_en...	gif	760 B	4...	expires: Mon, 15 Nov 2021 04:14:02 GMT
200	GET	pubads.g.doubleclick.net	/pagead/interaction/?ai=BvUNni96Ryb31Ebacgr	bridge3.489.0_en...	gif	760 B	4...	last-modified: Wed, 03 Nov 2021 19:56:17 GMT
200	GET	pubads.g.doubleclick.net	/pagead/interaction/?ai=BvUNni96Ryb31Ebacgr	bridge3.489.0_en...	gif	760 B	4...	server: ECACC (daa/7D7D)
								x-amz-id-2: LixSqSibUxcZLPfdVt+O++HjSodmOQTIAABqV8jIqbymqkSv8NixT9eKfqtgm

Summary: 420 requests, 83.40 MB / 75.74 MB transferred, Finish: 6.16 min, DOMContentLoaded: 664 ms, load: 9.22 s

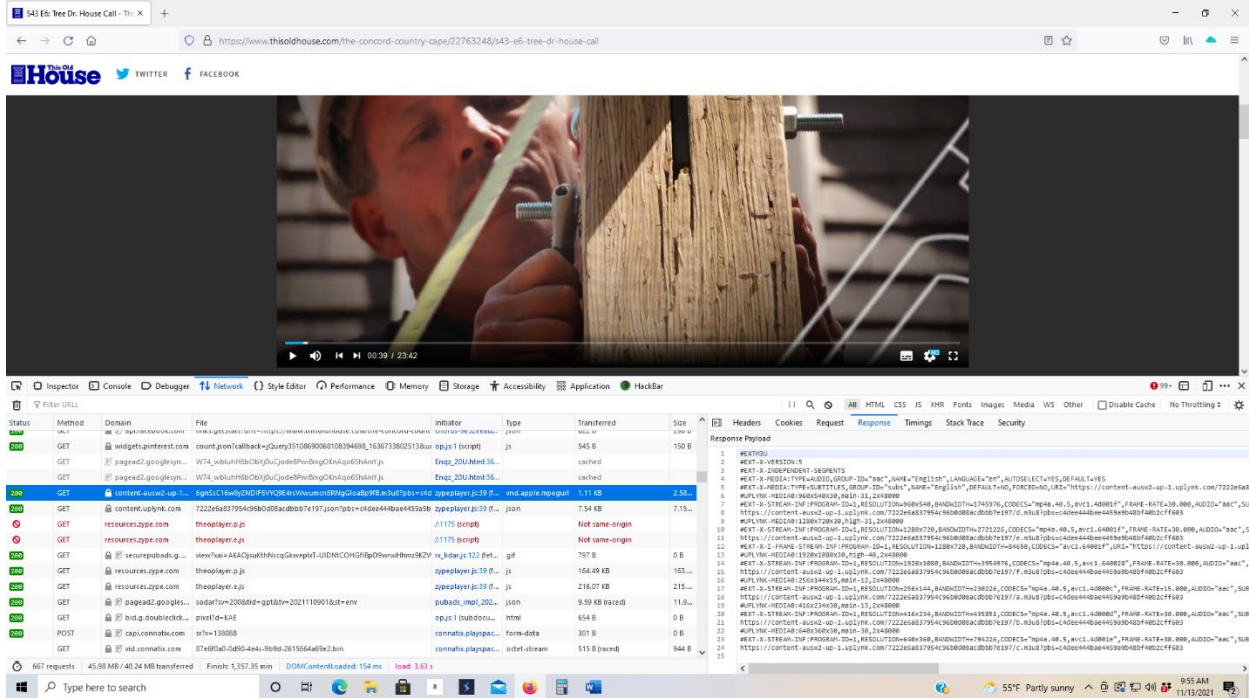
St...	M...	Domain	File	Initiator	Type	Transferred	Size
200	GET	content-ausw2-up-1.upl...	f:m3u8?pbs=273d6cb0fc31492b9b4c087d750ea...	zypeplayer.js:39 (f...	vnd.apple.mp...	2.15 KB	1...
200	GET	x-default-stgec.uplynk.c...	F0000056.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...
200	GET	pubads.g.doubleclick...	ads?slotname=/142694468/zype_video8sz=640...	bridge3.489.0_en...	xml	5.34 KB	2...
200	GET	x-default-stgec.uplynk.c...	F0000058.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...
204	P...	csi.gstatic.com	csi?v=28s=ima&puid=2-kw05iq57&c=5392206	bridge3.489.0_en...	gif	390 B	0 B
200	GET	securepubads.g.dou...	view?xai=AKAOjstHr_HLTOT7GuyotLokODXsbl8	bridge3.489.0_en...	gif	797 B	0 B
204	P...	csi.gstatic.com	csi?v=28s=ima&puid=2-kw05iq708c=5392206	ima3.js:98 (beacon)	gif	390 B	0 B
302	GET	redireclor.gvt1.com	file.webm	media	webm	3.46 MB	3...
206	GET	r1---sn-q4flm1sl.gvt1.com	file.webm	media	webm	3.46 MB	3...
200	GET	x-default-stgec.uplynk.c...	F0000059.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgec.uplynk.c...	F000005A.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgec.uplynk.c...	F000005B.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.81 MB	1...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RVb31Ebacgr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	securepubads.g.dou...	view?xai=AKAOjssx-lpLbWjijhZAWdfictSGbW5s'	bridge3.489.0_en...	gif	797 B	0 B
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RVb31Ebacgr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RVb31Ebacgr...	bridge3.489.0_en...	gif	760 B	4...

See e.g., <https://www.thisoldhouse.com>.

155. In response to the request for media and based on one or more attributes (e.g., type of device (e.g., PC), operating system, browser and/or media player) of the communication device and one or more rules associated with the requested media, This Old House transmits (e.g., within an M3U8 file(s)), to the communication device by the at least one computing device over a communication network (e.g., the Internet) information (e.g., segment information/segment file name, title identifier of the segment, type of file of the segment, and/or format of the segment) for use by the communication device as to how the at least one portion of the requested media is to be presented to a user of the communication device as demonstrated by the examples provided below:

The screenshot shows a web browser window displaying a video player. The video player shows a man in a white shirt measuring a piece of wood with a yellow tape measure. The browser's address bar shows the URL: <https://www.thisoldhouse.com/the-concord-country-cape/22763248/s43-e6-tree-dr-house-call>. The browser's developer tools are open to the Network tab, showing a list of requests. The selected request is 'content-asmw2-up-1.uplynk.com/preplay/27222e6837954c96080d05acdbb7e1970649abd724605972254042727cb24c6gnd5C19w8y2ND01FEVQ8Erv1Wuamc8RNgG9a9P9B.m3u8?ps=cddee44bae459a9b7486f40b2d7f803'. The right pane shows the response headers for this request, including 'Status: 200 OK', 'Version: HTTP/1.1', 'Transfered: 1.11 KB (2.55 KB size)', and 'Content-Type: application/vnd.apple.mpegurl'.

The screenshot shows a web browser window displaying a video player. The video player shows a man in a white shirt measuring a piece of wood with a yellow tape measure. The browser's address bar shows the URL: <https://www.thisoldhouse.com/the-concord-country-cape/22763248/s43-e6-tree-dr-house-call>. The browser's developer tools are open to the Network tab, showing a list of requests. The selected request is 'content-asmw2-up-1.uplynk.com/preplay/27222e6837954c96080d05acdbb7e1970649abd724605972254042727cb24c6gnd5C19w8y2ND01FEVQ8Erv1Wuamc8RNgG9a9P9B.m3u8?ps=cddee44bae459a9b7486f40b2d7f803'. The right pane shows the request headers for this request, including 'Host: content-asmw2-up-1.uplynk.com', 'Origin: https://player.zype.com/', 'Referer: https://player.zype.com/', and 'User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20101001 Firefox/94.0'.



See e.g., <https://www.thisoldhouse.com/>.

156. In response to the request for media and based on one or more attributes (e.g., type of device (e.g., PC), operating system, browser and/or media player) of the communication device and one or more rules associated with the requested media, This Old House transmits (e.g., within an M3U8 file(s)), to the communication device by the at least one computing device over a communication network (e.g., the Internet) a unique identifier (e.g., user ID and additional identifier information) for use by at least the communication device to enable the at least one portion of the requested media to be streamed to the communication device as demonstrated by the example provided below:

The screenshot shows a web browser window with the URL <https://www.thisoldhouse.com/the-concord-country-cape/22763248/s43-46-tree-dr-house-call>. The page features a video player with a play button and a progress bar at 00:39 / 23:42. Below the video is the Chrome DevTools Network tab, displaying a list of network requests. The selected request is a GET request to `content-allow-up-1-fa7ub7jps1-cd4ee44ba4459a460b2c9f903` from `cdn.justpremium.com`. The response headers are visible on the right, including `Access-Control-Allow-Origin`, `Cache-Control`, `Content-Encoding`, `Content-Length`, `Content-Type`, `Date`, `Referer-Policy`, `Server`, `Strict-Transport-Security`, and `X-Content-Type-Options`.

This screenshot is similar to the one above, showing the same web browser window and video player. The Network tab is open, and the selected request is the same as in the first screenshot. However, the 'Request Headers' tab is active on the right, showing headers such as `Accept`, `Accept-Encoding`, `Accept-Language`, `Connection`, `Host`, `Origin`, `Referer`, `Sec-Fetch-Dest`, `Sec-Fetch-Mode`, `Sec-Fetch-Site`, `Trk-Id`, and `User-Agent`.

The screenshot shows a web browser displaying a photograph of two arborists climbing a large tree. The browser's address bar shows the URL: <https://www.thisoldhouse.com/the-concord-country-cape/22763248/43-46-tree-dr-house-call>. Below the image, the Network Inspector is open, showing a list of requests. The selected request is a GET request to `x-default-stgcr.upjmi.com` with a size of 1.93 MB. The response headers are visible on the right, including `Access-Control-Allow-Origin: *` and `Access-Control-Allow-Methods: GET`.

This screenshot is similar to the one above, showing the same web page and network inspector. In this view, the selected request is a GET request to `pagead2.googlesyndication.com` with a size of 494 B. The request headers are visible on the right, including `Accept: */*` and `Accept-Encoding: gzip, deflate, br`.

See e.g., <https://www.thisoldhouse.com>.

157. SITO has been damaged by the direct infringement of This Old House, and is suffering and will continue to suffer irreparable harm and damages as a result of this infringement.

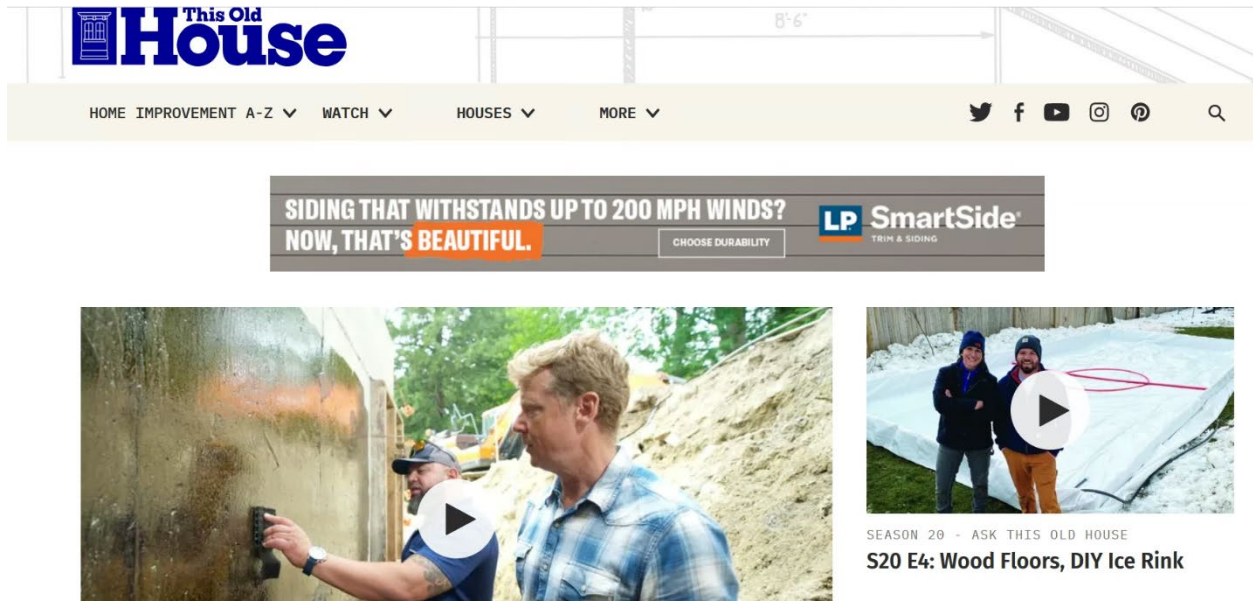
Count VIII - Infringement of United States Patent No. 9,380,088

158. SITO alleges, and incorporates by reference, as if fully set forth here, the preceding paragraphs of this Complaint.

159. This Old House directly infringes (literally and/or under the doctrine of equivalents) the '088 patent by using the method covered by at least claim 36 of the '088 patent.

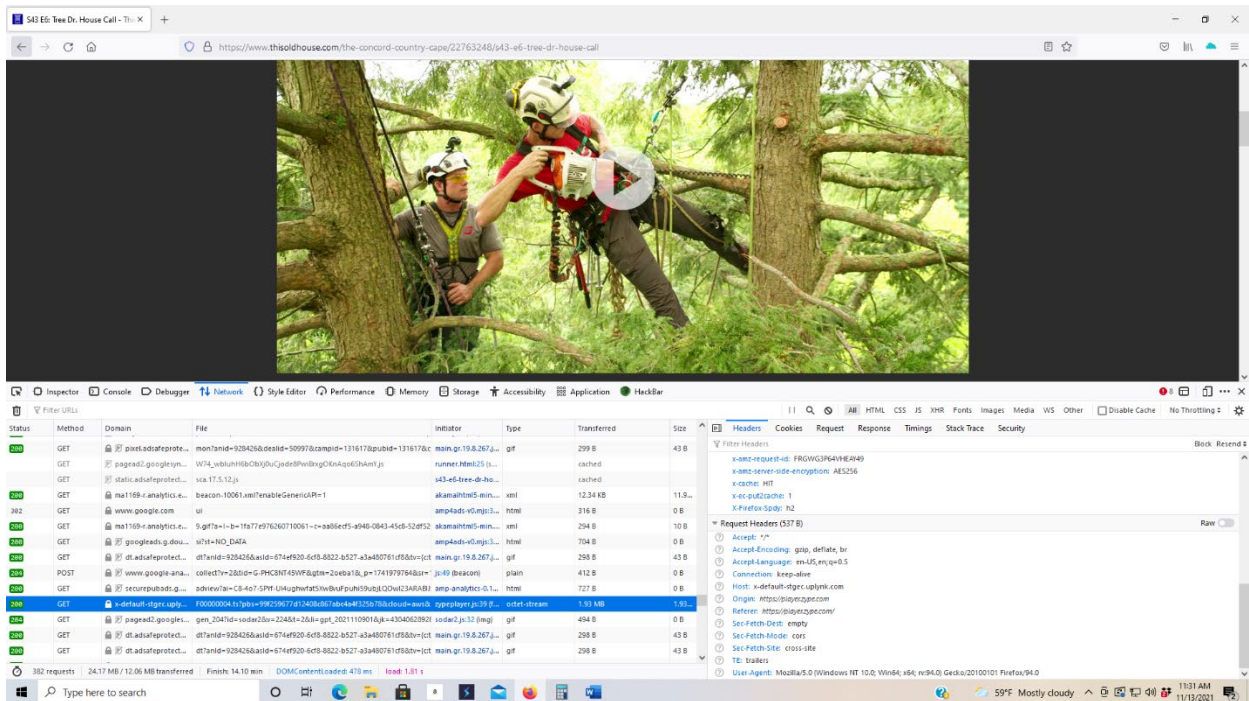
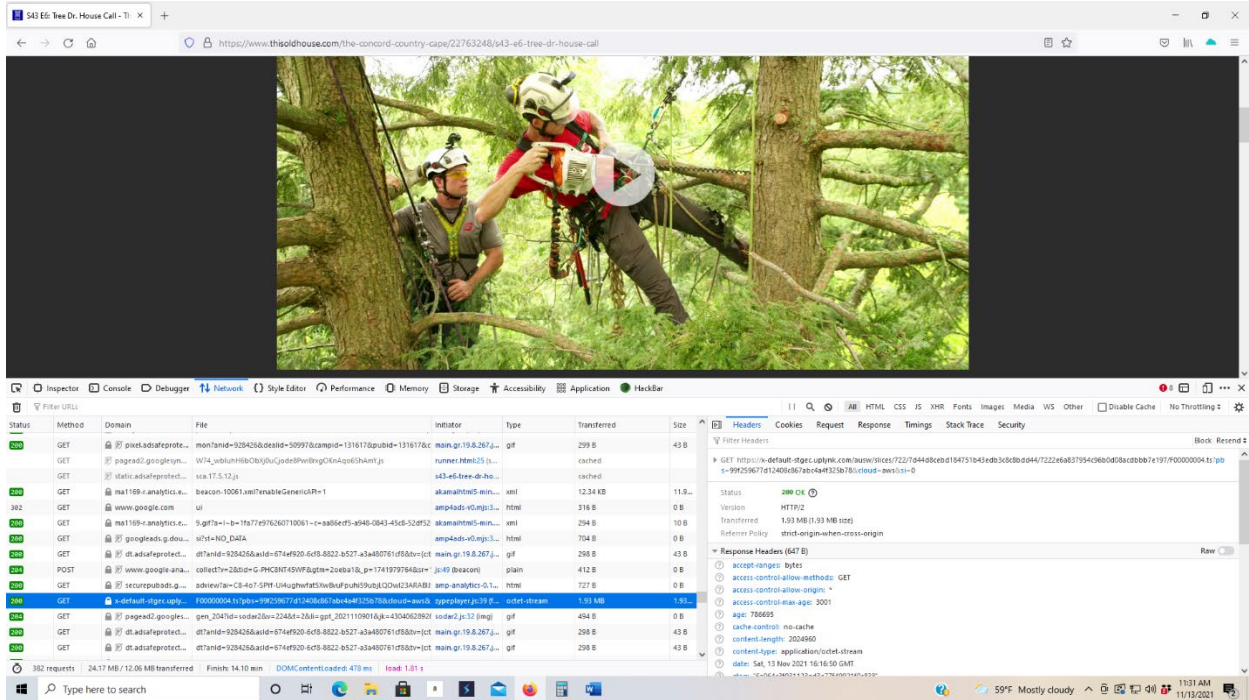
160. On information and belief, and without SITO's approval, authorization and license, This Old House owns, controls, operates and uses a system for streaming media that includes This Old House Streaming Platform, as well as other This Old House networks, systems, devices, components and/or services for streaming media, that practices and infringes the media streaming method recited in at least claim 36 of the '088 patent.

161. This Old House performs a media streaming management method as demonstrated by the example provided below:



See e.g., <https://www.thisoldhouse.com>.

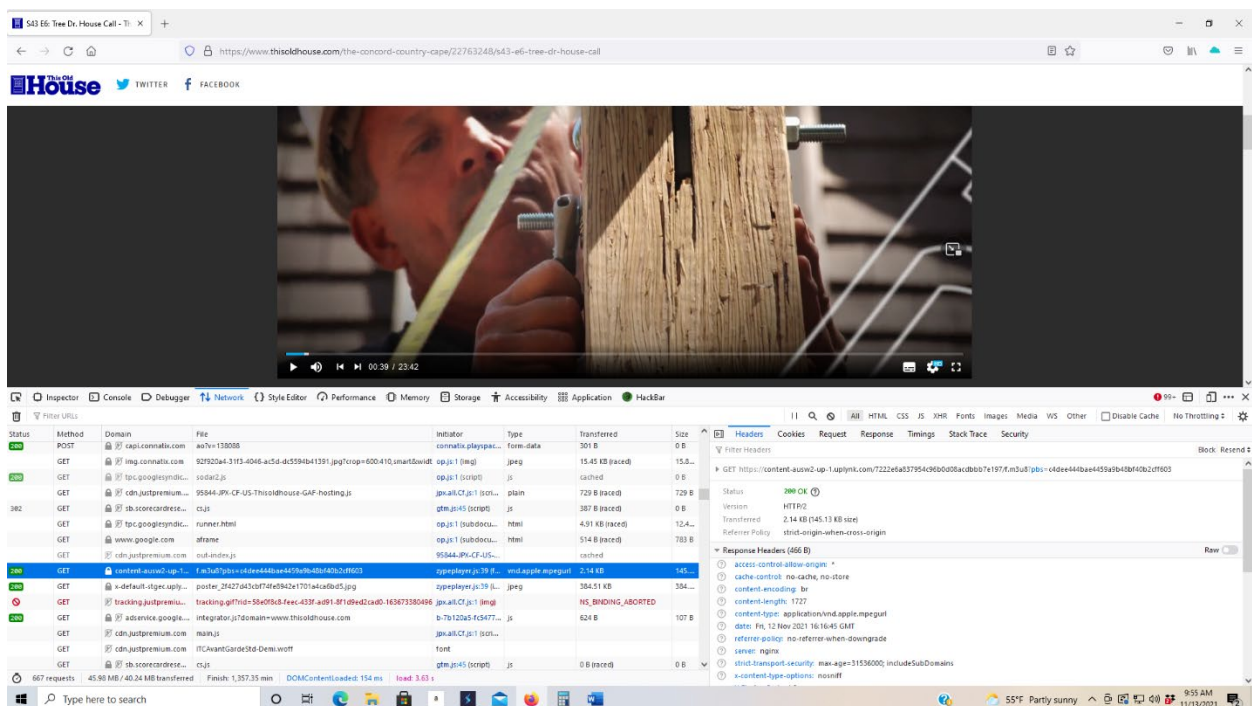
162. This Old House receives, by at least one computing device (e.g., server(s)) comprising a combination of hardware and software, a request (e.g., GET request) for media (e.g., television program) from a communication device (e.g., client device such as a personal computer, mobile device, and/or television) capable of playing the requested media as demonstrated by the example provided below:



See e.g., <https://www.thisoldhouse.com/>.

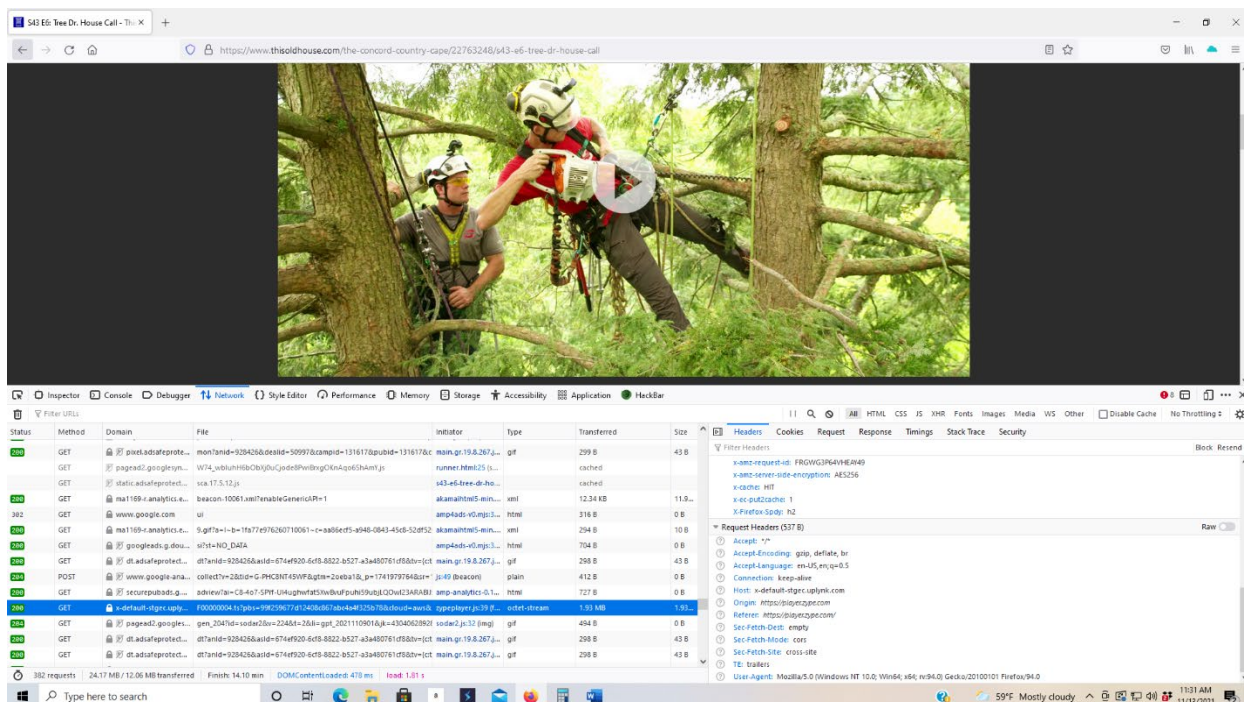
163. In response to the request for media and based on one or more attributes (e.g., type of device (e.g., PC), operating system, browser and/or media player) of the

communication device and one or more rules associated with the requested media, This Old House transmits (e.g., within an M3U8 file(s)), from the at least one computing device to the communication device over a communication network (e.g., the Internet) at least one identification (e.g., segment information/segment file name) of at least one portion of the requested media (e.g., video segment(s)) as demonstrated by the examples provided below:



The screenshot shows a web browser window displaying a video player. The video content shows a man in a white shirt using a chainsaw to cut into a tree trunk. Below the video player is a network inspector panel. The network inspector shows a list of requests with columns for Status, Method, Domain, File, Initiator, Type, Transferred, and Size. The selected request is a GET to 'control-audio-up-1.mp3' from the domain 'control-audio-up-1.uplynk.com'. The right-hand pane of the network inspector shows the request headers, including 'Accept: */*', 'Accept-Encoding: gzip, deflate, br', 'Accept-Language: en-US,en;q=0.5', 'Connection: keep-alive', 'Host: control-audio-up-1.uplynk.com', 'Origin: https://www.thisoldhouse.com', 'Referer: https://www.thisoldhouse.com/', 'Sec-Fetch-Dest: empty', 'Sec-Fetch-Mode: cors', 'Sec-Fetch-Site: cross-site', and 'User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/2010101 Firefox/94.0'.

The screenshot shows a web browser window displaying a video player. The video content shows two arborists in safety gear working on a large tree. Below the video player is a network inspector panel. The network inspector shows a list of requests with columns for Status, Method, Domain, File, Initiator, Type, Transferred, and Size. The selected request is a GET to 'default-stgcrs-uplynk.com' from the domain 'www.thisoldhouse.com'. The right-hand pane of the network inspector shows the request headers, including 'Accept: */*', 'Accept-Encoding: gzip, deflate, br', 'Accept-Language: en-US,en;q=0.5', 'Connection: keep-alive', 'Host: www.thisoldhouse.com', 'Origin: https://www.thisoldhouse.com', 'Referer: https://www.thisoldhouse.com/', 'Sec-Fetch-Dest: empty', 'Sec-Fetch-Mode: cors', 'Sec-Fetch-Site: cross-site', and 'User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/2010101 Firefox/94.0'.

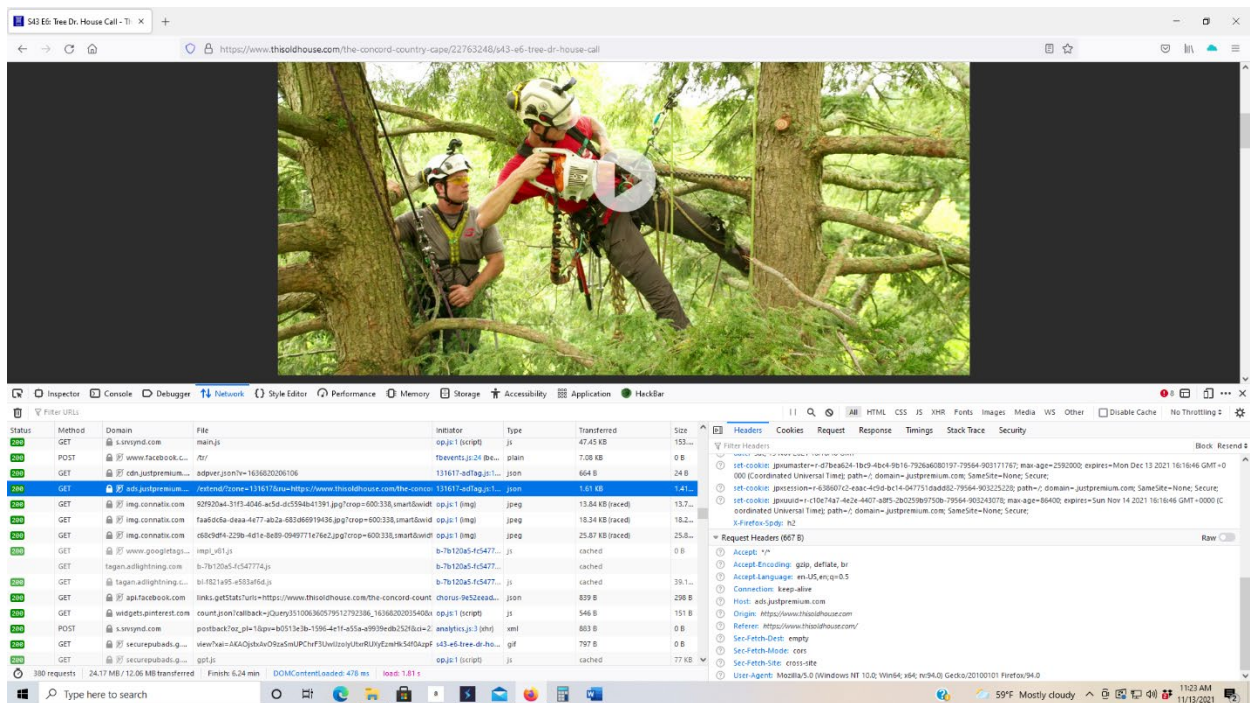
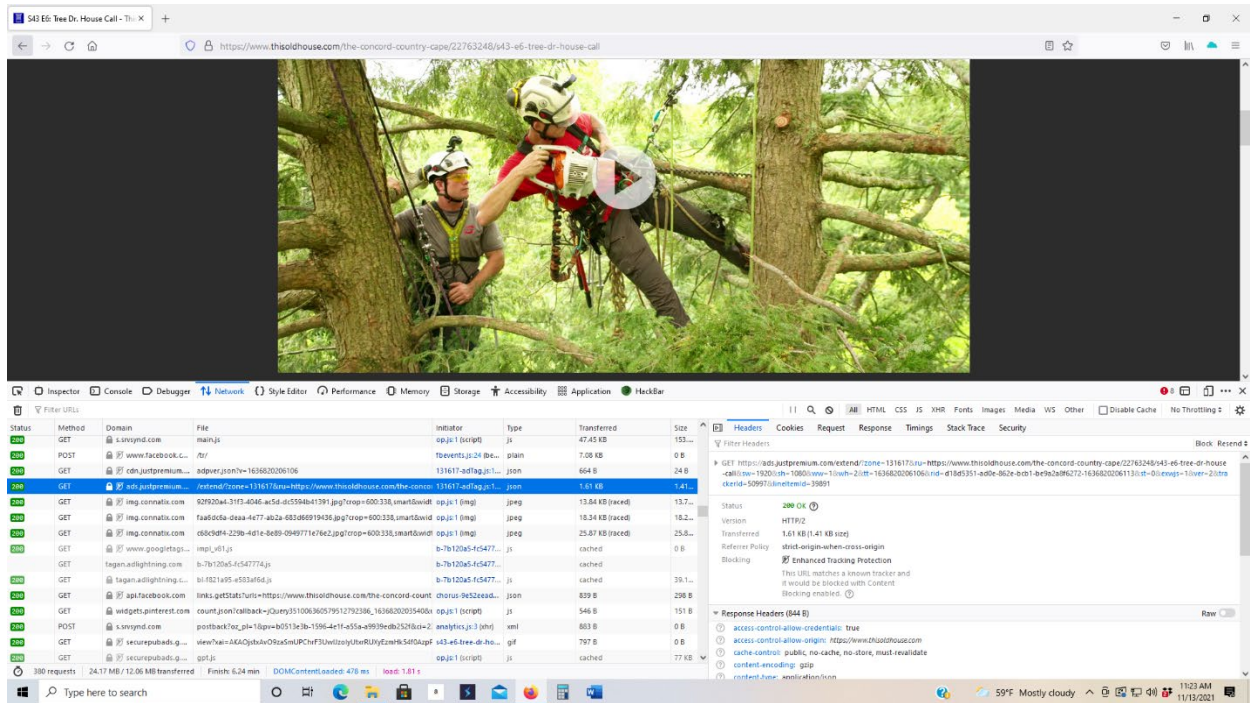


See e.g., <https://www.thisoldhouse.com>.

164. In response to the request for media and based on one or more attributes (e.g., type of device (e.g., PC), operating system, browser and/or media player) of the communication device and one or more rules associated with the requested media, This Old House transmits (e.g., within an M3U8 file(s)), from the at least one computing device to the communication device over a communication network (e.g., the Internet) an indication (e.g., identification of one or more ad breaks between video segments) that at least one advertising media clip is to be streamed to the communication device as demonstrated by the examples provided below:

The screenshot shows a web browser window with the URL <https://www.thisoldhouse.com/the-concord-country-cape/22763248/v43-e6-tree-dr-house-call>. The page features a video player with a play button and a progress bar at 00:39 / 23:42. Below the video is a network inspector showing a list of requests. The selected request is a GET request to `https://content-ausw2-up-1.uplynk.com/7222e8d37954c9b050a0cbb07e197f63d3f8b-cd4ee44bae4459a4b40b2c9f603`. The response headers are visible on the right, including `Access-Control-Allow-Origin: *`, `Cache-Control: no-cache, no-store`, `Content-Encoding: br`, `Content-Length: 1222`, `Content-Type: application/vnd.apple.mpegurl`, `Date: Fri, 12 Nov 2021 16:16:45 GMT`, `Referer-Policy: no-referrer-when-downgrade`, `Server: nginx`, `Strict-Transport-Security: max-age=31536000; includeSubDomains`, and `X-Content-Type-Options: nosniff`.

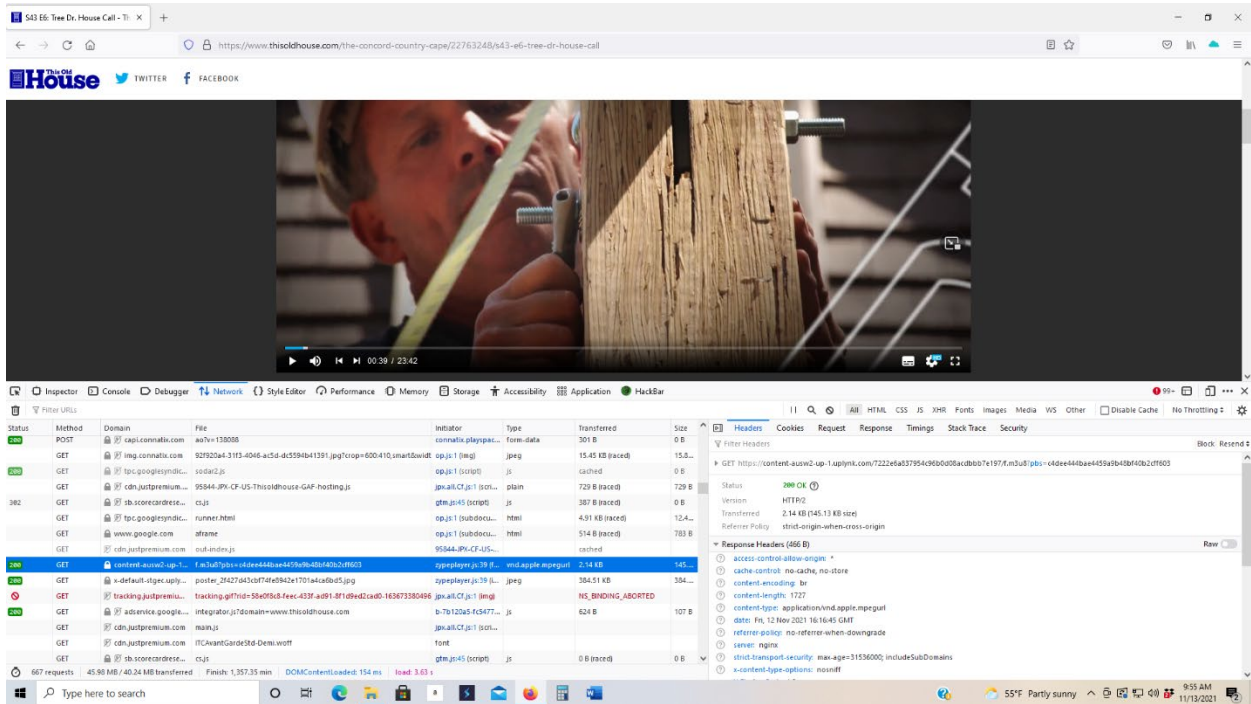
The screenshot shows the same web browser window as above. The network inspector shows a list of requests. The selected request is a GET request to `https://content-ausw2-up-1.uplynk.com/7222e8d37954c9b050a0cbb07e197f63d3f8b-cd4ee44bae4459a4b40b2c9f603`. The request headers are visible on the right, including `Accept: */*`, `Accept-Encoding: gzip, deflate, br`, `Accept-Language: en-US,en;q=0.5`, `Connection: keep-alive`, `Host: content-ausw2-up-1.uplynk.com`, `Origin: https://player.zgpc.com/`, `Referer: https://player.zgpc.com/`, `Sec-Fetch-Dest: empty`, `Sec-Fetch-Mode: cors`, `Sec-Fetch-Site: cross-site`, `TE: trailers`, and `User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0`.



See e.g., <https://www.thisoldhouse.com/>.

165. In response to the request for media and based on one or more attributes (e.g., type of device (e.g., PC), operating system, browser and/or media player) of the

communication device and one or more rules associated with the requested media, This Old House transmits (e.g., within an M3U8 file(s)), from the at least one computing device to the communication device over a communication network (e.g., the Internet) at least one identification (e.g., host name) of at least one resource (e.g., streaming server(s)) other than the at least one computing device available to facilitate streaming of the at least one portion of the requested media as demonstrated by the examples provided below:

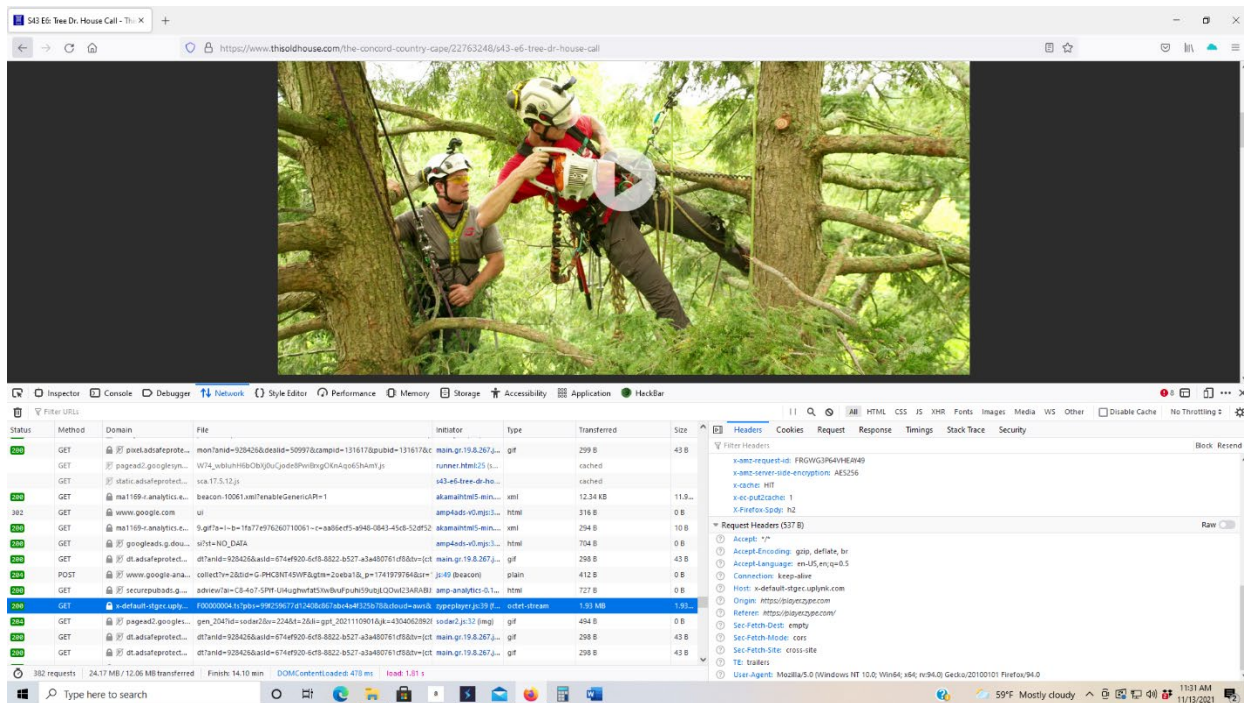


The screenshot shows a web browser window with a video player and a network inspector. The video player displays a man working on a wooden structure. The network inspector shows a list of requests, with the selected request being a GET to 'control-audio-up-1.mp3'.

Status	Method	Domain	File	Initiator	Type	Transferred	Size
200	POST	capiconnata.com	ao7v=130000	connatix.playpac...	form-data	301 B	0 B
200	GET	img.connatix.com	5279204-3193-4046-w5d-dc5594b11991.jpg?crop=600-410-smart&w=1000	cp.js:1 [img]	jpeg	15.45 KB (cached)	15.5...
200	GET	fgc-poglegymic...	sodaz2js	cp.js:1 [script]	js	ca/1000	0 B
200	GET	cdn.jugpremium...	95644-JPL-CF-US-7teishhouse-GAF-hodng.js	cp.js:1 [script]	plain	729 B (cached)	729 B
200	GET	ib.scorecardera...	main.html	cp.js:1 [script]	html	307 B (cached)	0 B
200	GET	www.google.com	iframe	cp.js:1 [subdoc]	html	4.91 KB (cached)	12.4...
200	GET	cdn.jugpremium.com	out.indx.js	cp.js:1 [script]	html	514 B (cached)	783 B
200	GET	control-audio-up-1...	control-audio-up-1.mp3	appletyrr.js:19 [i...	audio/mpeg	3.14 KB	3.14...
200	GET	v-default-stgcs-up...	svrter_2167263248/22763248/43-46-tree-dr-house-call	appletyrr.js:19 [i...	jpeg	334.51 KB	334...
200	GET	tracking.jugpremi...	tracking.gif?hd=536293d-fee1-432f-4d31-871d7e42ca0d-16367330096	cp.js:1 [img]	MS_BINDING_ADORTED		100...
200	GET	adservice.google...	integrator?idomain=www.thisoldhouse.com	b-7b120a5-4f5477...	js	624 B	107 B
200	GET	cdn.jugpremium.com	main.js	cp.js:1 [script]	js		
200	GET	cdn.jugpremium.com	ITCViewCardSite.Demo.woff	font			
200	GET	ib.scorecardera...	cp.js	qtm.js:45 [script]	js	0 B (cached)	0 B

The screenshot shows a web browser window with a video player and a network inspector. The video player displays two people working on a tree. The network inspector shows a list of requests, with the selected request being a GET to 'v-default-stgcs-up-1.mp3'.

Status	Method	Domain	File	Initiator	Type	Transferred	Size
200	GET	paint.adafreprot...	monTand=928426&aid=6144f930-615-8822-8527-43a480761d58&v=1316170	main.gi:19.8.267...	gif	299 B	43 B
200	GET	pagead2.googlesy...	W74-wbuHnHbCbJpJcde9PwBvGkAqep0bAm.js	runer1.Nh6L25 [i...			
200	GET	static.adafreprot...	sia17.5.12.js	s43-e43ee-dk-ko...			
200	GET	ma1169-k-analytic...	beacon.10061.vml?tabid=Genre&P=1	akamaiht55.min...	vml	12.34 KB	111.9...
200	GET	www.google.com	ui	amp4ad-w5.mpi2...	html	316 B	0 B
200	GET	ma1169-k-analytic...	5.gfta-v-i-b=19a77e976267010061-v-x=aa8lecf5-w546-0843-52af52	akamaiht55.min...	vml	204 B	10 B
200	GET	googleads.goo...	1/1=NO_DATA	amp4ad-w5.mpi2...	html	704 B	0 B
200	GET	dt.adafreprot...	dtTand=928426&aid=6144f930-615-8822-8527-43a480761d58&v=1316170	main.gi:19.8.267...	gif	299 B	43 B
200	POST	www.google-ana...	collet?v=2&id=G-PHGCNT65VFR>m=2&id=918_p=1741979764&sr=	ju-49 (beacon)	plain	412 B	0 B
200	GET	securepubads.g...	collet?v=CS-4o7-51P-U4qwhv7at5tluwFpuh59u8LQ2w6234RABJ	amp-analytic&L...	html	727 B	0 B
200	GET	v-default-stgcs-up...	v-default-stgcs-up-1.mp3	appletyrr.js:19 [i...	audio/mpeg	1.93 MB	1.93...
200	GET	pagead2.googles...	gen_2047id-sodaz2js=22464-26&get_202111090101&u=4304062892	sodaz2.js:32 [img]	gif	494 B	0 B
200	GET	dt.adafreprot...	dtTand=928426&aid=6144f930-615-8822-8527-43a480761d58&v=1316170	main.gi:19.8.267...	gif	299 B	43 B
200	GET	dt.adafreprot...	dtTand=928426&aid=6144f930-615-8822-8527-43a480761d58&v=1316170	main.gi:19.8.267...	gif	299 B	43 B



See e.g., <https://www.thisoldhouse.com>.

166. In response to the request for media and based on one or more attributes (e.g., type of device (e.g., PC), operating system, browser and/or media player) of the communication device and one or more rules associated with the requested media, This Old House transmits (e.g., within an M3U8 file(s)), from the at least one computing device to the communication device over a communication network (e.g., the Internet) information (e.g., segment information/segment file name, title identifier of the segment, type of file of the segment, and/or format of the segment) for use by the communication device as to how the at least one portion of the requested media and the at least one advertising media clip are to be presented to a user of the communication device as demonstrated by the examples provided below:

The screenshot shows a web browser window with the URL `https://www.thisoldhouse.com/the-concord-country-cape/22763248/43-46-tree-dr-house-call`. The main content area displays a photograph of two arborists in safety gear working on a tree. The browser's developer tools are open, showing the Network tab with a list of requests. The selected request is a GET request to `https://ads.justpremium.com/extend/?zone=131617&ru=https://www.thisoldhouse.com/the-concord-country-cape/22763248/43-46-tree-dr-house-call&id=192011sh-10801www-11wh-21st-1636820261061nd-4185351-ae0e-862e-bc01-bef92a86272-1636820261131st-01-exps-11ver-21stx-cdn=50951ubsetmex=3981`. The Headers tab shows the Request Headers, including `Host: ads.justpremium.com`, `Accept: */*`, `Accept-Encoding: gzip, deflate, br`, `Accept-Language: en-US,en;q=0.5`, `Connection: keep-alive`, `Host: ads.justpremium.com`, `Origin: https://www.thisoldhouse.com`, `Referer: https://www.thisoldhouse.com/`, `Sec-Fetch-Dest: empty`, `Sec-Fetch-Mode: cors`, `Sec-Fetch-Site: cross-site`, and `User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0; Gecko/20100101 Firefox/94.0)`.

This screenshot is similar to the one above, showing the same web page and developer tools. The selected request is a GET request to `https://ads.justpremium.com/extend/?zone=131617&ru=https://www.thisoldhouse.com/the-concord-country-cape/22763248/43-46-tree-dr-house-call&id=192011sh-10801www-11wh-21st-1636820261061nd-4185351-ae0e-862e-bc01-bef92a86272-1636820261131st-01-exps-11ver-21stx-cdn=50951ubsetmex=3981`. The Headers tab shows the Request Headers, including `Host: ads.justpremium.com`, `Accept: */*`, `Accept-Encoding: gzip, deflate, br`, `Accept-Language: en-US,en;q=0.5`, `Connection: keep-alive`, `Host: ads.justpremium.com`, `Origin: https://www.thisoldhouse.com`, `Referer: https://www.thisoldhouse.com/`, `Sec-Fetch-Dest: empty`, `Sec-Fetch-Mode: cors`, `Sec-Fetch-Site: cross-site`, and `User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0; Gecko/20100101 Firefox/94.0)`.

This screenshot shows a web browser displaying a photograph of two arborists climbing a large tree. The browser's developer tools are open to the Network tab, showing a list of requests. The selected request is a GET from 'x-default-stgpc.upjmi.com' with a size of 1.93 MB. The right-hand pane shows the response headers for this request, including 'Access-Control-Allow-Origin: *', 'Access-Control-Allow-Methods: GET', and 'Access-Control-Allow-Headers: *'. The status bar at the bottom indicates 332 requests, 24.17 MB transferred, and a finish time of 14.10 ms.

This screenshot shows the same web browser and photograph as above. The Network tab is still open, but the selected request is now a GET from 'x-sec-request-id: FR0VGG3P64VH4E49'. The right-hand pane displays the request headers for this request, including 'Accept: */*', 'Accept-Encoding: gzip, deflate, br', 'Accept-Language: en-US,en;q=0.5', and 'User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0'. The status bar at the bottom shows 332 requests, 24.17 MB transferred, and a finish time of 14.10 ms.

The screenshot shows a web browser displaying a video of a man measuring wood. Below the video is a network inspector tool. The selected request is a GET to the URL: `https://content-usw2-up-1.splynk.com/7222e8d37954c9b005a0cbb07e197f63d3f8b-cd4ee44bae4459a94b0402c2f9f03`. The response headers include: `status: 308 OK`, `location: https://www.thisoldhouse.com/`, `transfered: 2.14 KB (245.13 KB size)`, `referrer-policy: strict-origin-when-cross-origin`, `access-control-allow-origin: *`, `cache-control: no-cache, no-store`, `content-encoding: br`, `content-length: 1227`, `content-type: application/vnd.apple.mpegurl`, `date: Fri, 12 Nov 2021 16:16:45 GMT`, `referrer-policy: no-referrer-when-downgrade`, `server: nginx`, `strict-transport-security: max-age=31536000; includeSubDomains`, and `x-content-type-options: nosniff`.

The screenshot shows a web browser displaying a video of a man measuring wood. Below the video is a network inspector tool. The selected request is a GET to the URL: `https://content-usw2-up-1.splynk.com/7222e8d37954c9b005a0cbb07e197f63d3f8b-cd4ee44bae4459a94b0402c2f9f03`. The request headers include: `Accept: */*`, `Accept-Encoding: gzip, deflate, br`, `Accept-Language: en-US,en;q=0.5`, `Connection: keep-alive`, `Host: content-usw2-up-1.splynk.com`, `Origin: https://plync.com`, `Referer: https://plync.com/`, `Sec-Fetch-Dest: empty`, `Sec-Fetch-Mode: cors`, `Sec-Fetch-Site: cross-site`, and `Te: trailers`. The user agent is identified as `Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv94.0) Gecko/20100101 Firefox/94.0`.

See e.g., <https://www.thisoldhouse.com/>.

See e.g., <https://www.thisoldhouse.com/>.

167. SITO has been damaged by the direct infringement of This Old House, and is suffering and will continue to suffer irreparable harm and damages as a result of this infringement.

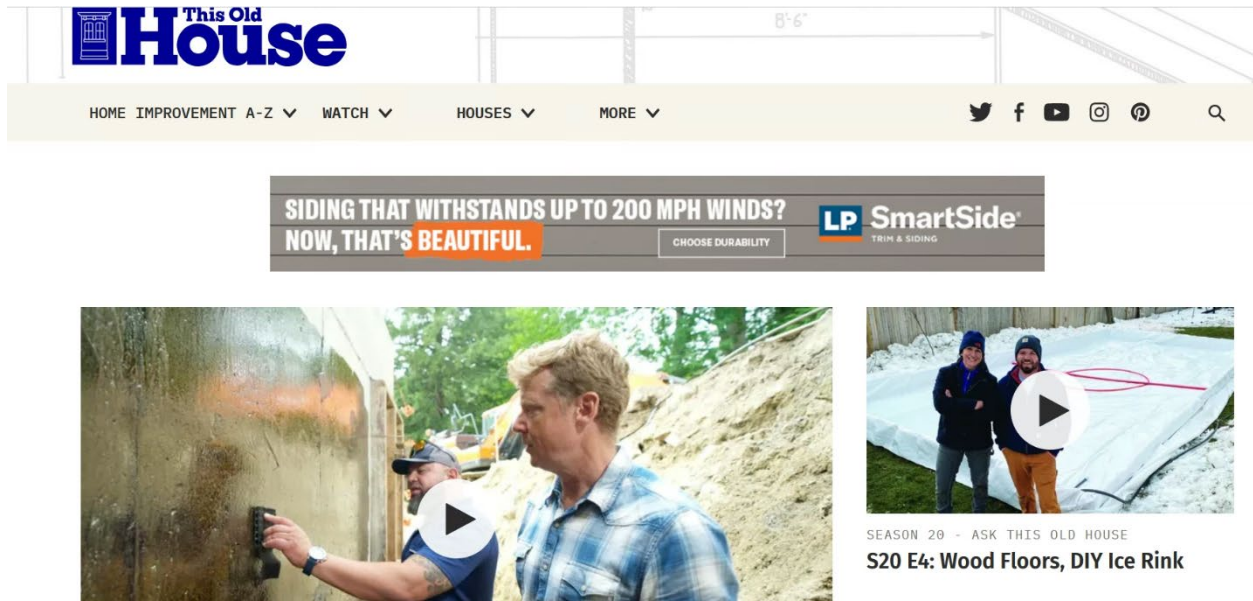
Count IX - Infringement of United States Patent No. 9,591,360

168. SITO alleges, and incorporates by reference, as if fully set forth here, the preceding paragraphs of this Complaint.

169. This Old House directly infringes (literally and/or under the doctrine of equivalents) the '360 patent by using the method covered by at least claim 15 of the '360 patent.

170. On information and belief, and without SITO's approval, authorization and license, This Old House owns, controls, operates and uses a system for streaming media that includes This Old House Streaming Platform, as well as other This Old House networks, systems, devices, components and/or services for streaming media, that practices and infringes the media streaming method recited in at least claim 15 of the '360 patent.

171. This Old House performs a media streaming management method as demonstrated by the example provided below:



See e.g., <https://www.thisoldhouse.com>.

172. This Old House Streaming Service receives from a client device (e.g., personal computer, mobile device, television) via a packet-based telecommunication network (e.g., the Internet) signaling (e.g., GET request) to have video content (e.g., television program) streamed to the client device as demonstrated by the example provided below:

The screenshot shows the Network tab of a browser's developer tools. The top part displays a video player with a play button. Below it, a table lists network requests. The selected request is a GET to a video file. The right pane shows the response headers for this request.

St...	M...	Domain	File	Initiator	Type	Transferred	Size
200	GET	content-ausw2-up-1.upl...	f.m3u8?pbs=273d6cb0fc31492b9b4c087d750ea...	zypeplayer.js39 (f...	vnd.apple.mp...	2.15 KB	1...
200	GET	x-default-stgec.uplynk.c...	F0000056.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
200	GET	x-default-stgec.uplynk.c...	F0000057.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
200	GET	pubads.g.doubleclick...	ads?slotname=142694468/zype_video8sz=640	bridge3.489.0_en...	xml	5.34 KB	2...
200	GET	x-default-stgec.uplynk.c...	F0000058.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
204	P...	csi.gstatic.com	csi?v=2&is=ima&puid=2-kw05iq57&c=5392206	bridge3.489.0_en...	gif	390 B	0 B
200	GET	securepubads.g.dou...	view?xai=AKA0jstHr_HLTO77CiyuLLokODXSbl8	bridge3.489.0_en...	gif	797 B	0 B
204	P...	csi.gstatic.com	csi?v=2&is=ima&puid=2-kw05iq70&c=5392206	ima3.js:98 (beacon)	gif	390 B	0 B
302	GET	redirector.gvt1.com	file.webm	media	webm	3.46 MB	3...
206	GET	r1---sn-q4flm1.gvt1.com	file.webm	media	webm	3.46 MB	3...
200	GET	x-default-stgec.uplynk.c...	F0000059.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgec.uplynk.c...	F000005A.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgec.uplynk.c...	F000005B.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.81 MB	1...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNi96RyB31Ebacgr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	securepubads.g.dou...	view?xai=AKA0jssx-LpLwJjibHZAWfctSGbWwS	bridge3.489.0_en...	gif	797 B	0 B
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNi96RyB31Ebacgr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNi96RyB31Ebacgr...	bridge3.489.0_en...	gif	760 B	4...

Response Headers (582 B):

- accept-ranges: bytes
- access-control-allow-origin: *
- age: 879089
- cache-control: no-cache
- content-length: 1922688
- content-type: application/octet-stream
- date: Mon, 15 Nov 2021 04:14:03 GMT
- etag: "6d0c084c43b33c0ea834ca8a90ac660"
- expires: Mon, 15 Nov 2021 04:14:02 GMT
- last-modified: Wed, 03 Nov 2021 19:56:17 GMT
- server: ECacc (daa/7D7D)
- x-amz-id-2: LixSq5IbUxcZLPfdVk+O+HjSodmOQITAA8Aqv8jIqbymqkSv8NixT9eKfgtm

The screenshot shows the Network tab of a browser's developer tools. The top part displays a video player with a play button. Below it, a table lists network requests. The selected request is a GET to a video file. The right pane shows the request headers for this request.

St...	M...	Domain	File	Initiator	Type	Transferred	Size
200	GET	content-ausw2-up-1.upl...	f.m3u8?pbs=273d6cb0fc31492b9b4c087d750ea...	zypeplayer.js39 (f...	vnd.apple.mp...	2.15 KB	1...
200	GET	x-default-stgec.uplynk.c...	F0000056.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
200	GET	x-default-stgec.uplynk.c...	F0000057.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
200	GET	pubads.g.doubleclick...	ads?slotname=142694468/zype_video8sz=640	bridge3.489.0_en...	xml	5.34 KB	2...
200	GET	x-default-stgec.uplynk.c...	F0000058.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
204	P...	csi.gstatic.com	csi?v=2&is=ima&puid=2-kw05iq57&c=5392206	bridge3.489.0_en...	gif	390 B	0 B
200	GET	securepubads.g.dou...	view?xai=AKA0jstHr_HLTO77CiyuLLokODXSbl8	bridge3.489.0_en...	gif	797 B	0 B
204	P...	csi.gstatic.com	csi?v=2&is=ima&puid=2-kw05iq70&c=5392206	ima3.js:98 (beacon)	gif	390 B	0 B
302	GET	redirector.gvt1.com	file.webm	media	webm	3.46 MB	3...
206	GET	r1---sn-q4flm1.gvt1.com	file.webm	media	webm	3.46 MB	3...
200	GET	x-default-stgec.uplynk.c...	F0000059.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgec.uplynk.c...	F000005A.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgec.uplynk.c...	F000005B.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.81 MB	1...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNi96RyB31Ebacgr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	securepubads.g.dou...	view?xai=AKA0jssx-LpLwJjibHZAWfctSGbWwS	bridge3.489.0_en...	gif	797 B	0 B
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNi96RyB31Ebacgr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNi96RyB31Ebacgr...	bridge3.489.0_en...	gif	760 B	4...

Request Headers (537 B):

- Accept: */*
- Accept-Encoding: gzip, deflate, br
- Accept-Language: en-US,en;q=0.5
- Connection: keep-alive
- Host: x-default-stgec.uplynk.com
- Origin: https://player.zype.com
- Referer: https://player.zype.com/
- Sec-Fetch-Dest: empty
- Sec-Fetch-Mode: cors
- Sec-Fetch-Site: cross-site
- User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0

See e.g., <https://www.thisoldhouse.com>.

173. On information and belief, in response to the received signaling (e.g., GET request), This Old House Streaming Service generates an identifier (e.g., session cookie -

Set cookie - alid) uniquely associated with the client device (e.g., personal computer, mobile device, television) and a viewing session for the video content as demonstrated by the examples provided below:

The screenshot shows a browser's developer tools network tab. The selected request is a video stream from 'zypeplayer.js:39'. The response headers include 'accept-ranges: bytes', 'access-control-allow-origin: *', 'age: 879089', 'cache-control: no-cache', 'content-length: 1922688', 'content-type: application/octet-stream', 'date: Mon, 15 Nov 2021 04:14:03 GMT', 'etag: "6d0c084c43b33c0ea834ca8a90ac660"', 'expires: Mon, 15 Nov 2021 04:14:02 GMT', 'last-modified: Wed, 03 Nov 2021 19:56:17 GMT', and 'server: ECACC (daa/7D7D)'. The status is 200 OK.

The screenshot shows a browser's developer tools network tab. The selected request is a video stream from 'zypeplayer.js:39'. The response headers include 'server: ECACC (daa/7D7D)', 'x-amz-id-2: LixSq5JBUXcZLFFdVx+O++lIjSodmOQTIAABAgv8jIqbymqkSxw8Nxt9eKfqtM', 'YsMppB0nMtw=', 'x-amz-request-id: B7X67AFVGG5074Q1', 'x-amz-server-side-encryption: AES256', 'x-cache: HIT', and 'X-Firefox-Spdy: h2'. The request headers include 'Accept: */*', 'Accept-Encoding: gzip, deflate, br', 'Accept-Language: en-US,en;q=0.5', 'Connection: keep-alive', 'Host: x-default-stgpc.uplynk.com', 'Origin: https://player.zype.com', 'Referer: https://player.zype.com/', 'Sec-Fetch-Dest: empty', 'Sec-Fetch-Mode: cors', 'Sec-Fetch-Site: cross-site', and 'User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0'. The status is 200 OK.

The screenshot displays a video player interface at the top, showing a construction scene with two workers. Below the video, the browser's developer tools are open to the Network tab. A table of network requests is visible, with the following columns: St., M., Domain, File, Initiator, Type, Transferred, and Size. The selected request is a GET to securepubads.g.doubleclick.net for a file named ads?gdfp_req=18&pvsid=1453654510874690&co. The headers pane on the right shows the following headers: google-lineitem-id: 5811127116, google-mediationgroup-id: -2, google-mediationtag-id: -2, p3p: policyref="https://googleads.g.doubleclick.net/pagead/gen_p3p.xml", CP="CURa ADM a DEVa TAla PSAo PSDo OUR IND UNI PUR INT DEM STA PRE COM NAV OTC NOI DSP CO R", pragma: no-cache, server: cafe, set-cookie: test_cookie=CheckForPermission; expires=Fri, 12-Nov-2021 11:32:47 GMT; path=/; domain=doubleclick.net; Secure; HTTPOnly; SameSite=none, timing-Allow-Origin: *, x-content-type-options: nosniff, X-Firefox-Spdy: h2, x-ssr-protection: 0, and Request Headers (3.563 KB) with Accept: */* and Accept-Encoding: gzip, deflate, br.

See e.g., <https://www.thisoldhouse.com>.

174. This Old House transmits, to the client device, via the packet-based telecommunication network (e.g., Internet) and in one or more files (e.g., M3U8 file(s)), each of the one or more files being in a format compatible with a media player on the client device (e.g., client device such as a personal computer, mobile device, and/or television) an indication (e.g., segment information/segment file name) of one or more segments of the video content as demonstrated by the examples provided below:

The screenshot shows a video player with a man's face and a red 'X' over his eyes. Below the video is a browser's developer network tool. The network tool shows a list of requests, with the selected request having the following response headers:

```

Status: 200 OK
Version: HTTP/2
Transferred: 2.16 KB (145.13 KB size)
Referrer Policy: strict-origin-when-cross-origin

Response Headers (466 B)
- access-control-allow-origin: *
- cache-control: no-cache, no-store
- content-encoding: br
- content-length: 1741
- content-type: application/vnd.apple.mpegurl
- date: Mon, 15 Nov 2021 09:51:29 GMT
- referrer-policy: no-referrer-when-downgrade
- server: nginx
- strict-transport-security: max-age=31536000; includeSubDomains
- x-content-type-options: nosniff
- X-Firefox-Spdy: h2
- x-services: 587a912103da4585aedaa582fe1b5eac
- x-xss-protection: 1; mode=block
    
```

The screenshot shows a video player with a man's face and a red 'X' over his eyes. Below the video is a browser's developer network tool. The network tool shows a list of requests, with the selected request having the following request headers:

```

Request Headers (470 B)
- Accept: */*
- Accept-Encoding: gzip, deflate, br
- Accept-Language: en-US,en;q=0.5
- Connection: keep-alive
- Host: content-ause2-up-1.uplynk.com
- Origin: https://player.zype.com
- Referer: https://player.zype.com/v
- Sec-Fetch-Dest: empty
- Sec-Fetch-Mode: cors
- Sec-Fetch-Site: cross-site
- TE: trailers
- User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0
    
```

St...	M...	Domain	File	Initiator	Type	Transferred	Size
200	GET	content-ausw2-up-1.upl...	f.m3u8?pbs=273d6cb0fc31492b9b4c087d750ea...	zypeplayer.js39 (f...	vnd.apple.mp...	2.15 KB	1...
200	GET	x-default-stgec.uplynk.c...	F0000056.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
200	GET	x-default-stgec.uplynk.c...	F0000057.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
200	GET	pubads.g.doubleclick...	ads?slotname=/142694468/zype_video8sz=640	bridge3.489.0_en...	xml	5.34 KB	2...
200	GET	x-default-stgec.uplynk.c...	F0000058.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
204	P...	csi.gstatic.com	csi?v=2&is=ima&puid=2-kw05iq57&c=5392206	bridge3.489.0_en...	gif	390 B	0 B
200	GET	securepubads.g.dou...	view?ai=AKA0jstHr_HLTO77CiyolLokODXSbl8	bridge3.489.0_en...	gif	797 B	0 B
204	P...	csi.gstatic.com	csi?v=2&is=ima&puid=2-kw05iq70&c=5392206	ima3.js:98 (beacon)	gif	390 B	0 B
302	GET	redirector.gvt1.com	file.webm	media	webm	3.46 MB	3...
206	GET	r1---sn-q4flm1.gvt1.com	file.webm	media	webm	3.46 MB	3...
200	GET	x-default-stgec.uplynk.c...	F0000059.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgec.uplynk.c...	F000005A.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgec.uplynk.c...	F000005B.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.81 MB	1...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNi96Ryb31Ebacr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	securepubads.g.dou...	view?ai=AKA0jssx-LpLbWJjibHZAWfctSGbWwS	bridge3.489.0_en...	gif	797 B	0 B
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNi96Ryb31Ebacr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNi96Ryb31Ebacr...	bridge3.489.0_en...	gif	760 B	4...

St...	M...	Domain	File	Initiator	Type	Transferred	Size
200	GET	content-ausw2-up-1.upl...	f.m3u8?pbs=273d6cb0fc31492b9b4c087d750ea...	zypeplayer.js39 (f...	vnd.apple.mp...	2.15 KB	1...
200	GET	x-default-stgec.uplynk.c...	F0000056.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
200	GET	x-default-stgec.uplynk.c...	F0000057.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
200	GET	pubads.g.doubleclick...	ads?slotname=/142694468/zype_video8sz=640	bridge3.489.0_en...	xml	5.34 KB	2...
200	GET	x-default-stgec.uplynk.c...	F0000058.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
204	P...	csi.gstatic.com	csi?v=2&is=ima&puid=2-kw05iq57&c=5392206	bridge3.489.0_en...	gif	390 B	0 B
200	GET	securepubads.g.dou...	view?ai=AKA0jstHr_HLTO77CiyolLokODXSbl8	bridge3.489.0_en...	gif	797 B	0 B
204	P...	csi.gstatic.com	csi?v=2&is=ima&puid=2-kw05iq70&c=5392206	ima3.js:98 (beacon)	gif	390 B	0 B
302	GET	redirector.gvt1.com	file.webm	media	webm	3.46 MB	3...
206	GET	r1---sn-q4flm1.gvt1.com	file.webm	media	webm	3.46 MB	3...
200	GET	x-default-stgec.uplynk.c...	F0000059.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgec.uplynk.c...	F000005A.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgec.uplynk.c...	F000005B.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.81 MB	1...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNi96Ryb31Ebacr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	securepubads.g.dou...	view?ai=AKA0jssx-LpLbWJjibHZAWfctSGbWwS	bridge3.489.0_en...	gif	797 B	0 B
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNi96Ryb31Ebacr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNi96Ryb31Ebacr...	bridge3.489.0_en...	gif	760 B	4...

See e.g., <https://www.thisoldhouse.com>.

175. This Old House transmits, to the client device, via the packet-based telecommunication network (e.g., Internet) and in one or more files (e.g., M3U8 file(s)),

each of the one or more files being in a format compatible with a media player on the client device (*e.g.*, client device such as a personal computer, mobile device, and/or television) a URL (including an identification of one or more resources (*e.g.*, host name) of a content distribution network available to facilitate streaming of the one or more segments to the client device as demonstrated by the examples provided below:

The screenshot displays a video player interface at the top, showing a man's face with a blacked-out eye. Below the video player is a browser's developer tools network tab. The network tab shows a list of GET requests to content-ause2-up-1.uplynk.com, with the selected request showing a 200 OK status and various response headers.

St...	M...	Domain	File	Initiator	Type	Transferred	Size
200	GET	content-ause2-up-1.uplynk.com	3mQZCiy8dVDNBR4NhEmgm01Hqgy4xgyhroMC	zyeplayer.js:39 (fe...	vnd.apple.mp...	1.11 KB	2...
200	GET	content-ause2-up-1.uplynk.com	f.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uplynk.com	e.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uplynk.com	c.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.15 KB	14...
200	GET	content-ause2-up-1.uplynk.com	d.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uplynk.com	b.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uplynk.com	b.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uplynk.com	a.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uplynk.com	b.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...
200	GET	content-ause2-up-1.uplynk.com	f.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...

The selected request shows the following response headers:

- access-control-allow-origin: *
- cache-control: no-cache, no-store
- content-encoding: br
- content-length: 1741
- content-type: application/vnd.apple.mpegurl
- date: Mon, 15 Nov 2021 09:51:29 GMT
- referrer-policy: no-referrer-when-downgrade
- server: nginx
- strict-transport-security: max-age=31536000; includeSubDomains
- x-content-type-options: nosniff
- X-Firefox-Spdy: h2
- x-services: 587a912103da4585aedaa582fe1b5eac
- x-xss-protection: 1; mode=block

The screenshot shows a video player with a man's face, where the eyes are obscured by a red 'X'. Below the video, the browser's developer tools are open to the Network tab. A list of 11 requests is visible, with the last one selected. The selected request is a GET to a file on vnd.apple.mp... with a size of 2.16 KB. The right-hand pane shows the request headers, including 'Accept-Encoding: gzip, deflate, br', 'Accept-Language: en-US,en;q=0.5', 'Connection: keep-alive', 'Host: content-ause2-up-1.uplynk.com', 'Origin: https://player.zype.com', 'Referer: https://player.zype.com/v', 'Sec-Fetch-Dest: empty', 'Sec-Fetch-Mode: cors', 'Sec-Fetch-Site: cross-site', 'TE: trailers', and 'User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv94.0) Gecko/20100101 Firefox/94.0'.

The screenshot shows a video player with two men in a workshop. The developer tools Network tab shows 420 requests. The selected request is a GET to a file on vnd.apple.mp... with a size of 1.83 MB. The right-hand pane shows the response headers, including 'accept-ranges: bytes', 'access-control-allow-origin: *', 'age: 879089', 'cache-control: no-cache', 'content-length: 1922688', 'content-type: application/octet-stream', 'date: Mon, 15 Nov 2021 04:14:03 GMT', 'etag: "6d0c084c43b33c0ea834ca8a90ac660"', 'expires: Mon, 15 Nov 2021 04:14:02 GMT', 'last-modified: Wed, 03 Nov 2021 19:56:17 GMT', 'server: ECACC (daa/7D7D)', and 'x-amz-id-2: LixSq5lBxcZLFPdVt+O++HjSodmOQTIAA8Aqv8jkbymqkSv8NixT9eKfqtgm'.

The screenshot displays the Network tab of a web browser's developer tools. The top portion shows a video player interface with a person's hands working on a small object. Below the video, the Network tab is active, showing a list of requests. The selected request is a video stream from 'zypeplayer.js:39'. The right-hand pane shows the 'Request Headers' for this request, including fields like 'Accept-encoding', 'Accept-language', 'Connection', 'Host', 'Origin', 'Referer', 'Sec-Fetch-Dest', 'Sec-Fetch-Mode', 'Sec-Fetch-Site', and 'User-Agent'.

St.	M.	Domain	File	Initiator	Type	Transferred	Size
200	GET	content-ausw2-up-1.upl...	f:m3u8?pbs=273d6cb0fc31492b9b4c087d750ea...	zypeplayer.js:39 (f...	vnd.apple.mp...	2.15 KB	1...
200	GET	x-default-stgce.uplynk.c...	F0000056.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...
200	GET	pubads.g.doubleclick...	ads?slotname=/142694468/zype_video8sz=640...	bridge3.489.0_en...	xml	5.34 KB	2...
200	GET	x-default-stgce.uplynk.c...	F0000058.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...
204	P...	csi.gstatic.com	csi?v=28s=ima&puid=2-kw05iq57&c=5392206...	bridge3.489.0_en...	gif	390 B	0 B
200	GET	securepubads.g.dou...	view?xai=AKAOjstHr_HLTOT7GUYotLokODXsbl8...	bridge3.489.0_en...	gif	797 B	0 B
204	P...	csi.gstatic.com	csi?v=28s=ima&puid=2-kw05iq708c=5392206...	ima3.js:98 (beacon)	gif	390 B	0 B
302	GET	redirector.gvt1.com	file.webm	media	webm	3.46 MB	3...
206	GET	r1---sn-q4flm1sl.gvt1.com	file.webm	media	webm	3.46 MB	3...
200	GET	x-default-stgce.uplynk.c...	F0000059.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgce.uplynk.c...	F000005A.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgce.uplynk.c...	F000005B.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.81 MB	1...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RVb31Ebacgr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	securepubads.g.dou...	view?xai=AKAOjssx-lpLBWjibhZAWdfctSGbW5...	bridge3.489.0_en...	gif	797 B	0 B
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RVb31Ebacgr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RVb31Ebacgr...	bridge3.489.0_en...	gif	760 B	4...

Request Headers (537 B)

- Accept: */*
- Accept-Encoding: gzip, deflate, br
- Accept-Language: en-US,en;q=0.5
- Connection: keep-alive
- Host: x-default-stgce.uplynk.com
- Origin: https://player.zype.com
- Referer: https://player.zype.com/
- Sec-Fetch-Dest: empty
- Sec-Fetch-Mode: cors
- Sec-Fetch-Site: cross-site
- User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0

See e.g., <https://www.thisoldhouse.com>.

176. This Old House transmits, to the client device, via the packet-based telecommunication network (e.g., Internet) and in one or more files (e.g., M3U8 file(s)), each of the one or more files being in a format compatible with a media player on the client device (e.g., client device such as a personal computer, mobile device, and/or television) information instructing the client device how to communicate with the one or more resources of the content distribution network to cause the plurality of segments to be streamed to the client device by the content distribution network as demonstrated by the examples provided below:

The screenshot shows a video player with a man's face and a red 'X' over his eyes. Below the video is the Chrome DevTools Network tab. The network log shows a series of GET requests to 'content-ause2-up-1.uplynk.com'. The selected request is highlighted in blue, and its response headers are visible on the right.

St...	M...	Domain	File	Initiator	Type	Transferred	Size	Headers	Cookies	Request	Response	Timings	Stack Trace	Security	
200	GET	content-ause2-up-1.uply...	3mQZCY8dVDNBR4NhEmgm01Hhqqy4xgyhroMC	zyeplayer.js:39 (fe...	vnd.apple.mp...	1.11 KB	2...	Filter Headers							Block: Resenc
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	GET https://content-ause2-up-1.uplynk.com/f16163dbd27b4924a11e5e7c245ba91c/fm3u8?pbs=6d745150acb84afe94a67bafba1287e9							
200	GET	content-ause2-up-1.uply...	e.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Status	200 OK						
200	GET	content-ause2-up-1.uply...	c.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.15 KB	14...	Version	HTTP/2						
200	GET	content-ause2-up-1.uply...	d.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Transferred	2.16 KB (145.13 KB size)						
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Referrer Policy	strict-origin-when-cross-origin						
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Response Headers (466 B)							Raw
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	access-control-allow-origin: *							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	cache-control: no-cache, no-store							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	content-encoding: br							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	content-length: 1741							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	content-type: application/vnd.apple.mpegurl							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	date: Mon, 15 Nov 2021 09:51:29 GMT							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	referrer-policy: no-referrer-when-downgrade							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	server: nginx							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	strict-transport-security: max-age=31536000; includeSubDomains							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	x-content-type-options: nosniff							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	X-Firefox-Spdy: h2							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	x-services: 587a912103da4585aadaa582fe1b5eac							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	x-xss-protection: 1; mode=block							

The screenshot shows a video player with a man's face and a red 'X' over his eyes. Below the video is the Chrome DevTools Network tab. The network log shows a series of GET requests to 'content-ause2-up-1.uplynk.com'. The selected request is highlighted in blue, and its request headers are visible on the right.

St...	M...	Domain	File	Initiator	Type	Transferred	Size	Headers	Cookies	Request	Response	Timings	Stack Trace	Security	
200	GET	content-ause2-up-1.uply...	3mQZCY8dVDNBR4NhEmgm01Hhqqy4xgyhroMC	zyeplayer.js:39 (fe...	vnd.apple.mp...	1.11 KB	2...	Filter Headers							Block: Resenc
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	content-type: application/vnd.apple.mpegurl							
200	GET	content-ause2-up-1.uply...	e.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	date: Mon, 15 Nov 2021 09:51:29 GMT							
200	GET	content-ause2-up-1.uply...	c.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.15 KB	14...	referrer-policy: no-referrer-when-downgrade							
200	GET	content-ause2-up-1.uply...	d.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	server: nginx							
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	strict-transport-security: max-age=31536000; includeSubDomains							
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	x-content-type-options: nosniff							
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	X-Firefox-Spdy: h2							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	x-services: 587a912103da4585aadaa582fe1b5eac							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	x-xss-protection: 1; mode=block							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Request Headers (470 B)							Raw
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Accept: */*							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Accept-Encoding: gzip, deflate, br							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Accept-Language: en-US,erq=0.5							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Connection: keep-alive							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Host: content-ause2-up-1.uplynk.com							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Origin: https://player.zype.com							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Referer: https://player.zype.com/							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Sec-Fetch-Dest: empty							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Sec-Fetch-Mode: cors							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Sec-Fetch-Site: cross-site							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	TE: trailers							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0							

11 requests | 1.42 MB / 22.66 KB transferred | Finish: 8.88 min | DOMContentLoaded: 615 ms | load: 2.10 s

The screenshot shows the Network tab of a browser's developer tools. The top part displays a video player with a play button. Below it, the Network tab shows a list of requests. The selected request is a GET request to a video file. The right pane shows the response headers for this request.

St.	M.	Domain	File	Initiator	Type	Transferred	Size
200	GET	content-ausw2-up-1.upl...	f.m3u8?pbs=273d6cb0fc31492b9b4c087d750ea...	zypeplayer.js39 (f...	vnd.apple.mp...	2.15 KB	1...
200	GET	x-default-stgec.uplynk.c...	F0000056.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
200	GET	x-default-stgec.uplynk.c...	F0000057.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
200	GET	pubads.g.doubleclick...	ads?slotname=/142694468/zype_video8sz=640	bridge3.489.0_en...	xml	5.34 KB	2...
200	GET	x-default-stgec.uplynk.c...	F0000058.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
204	P...	csi.gstatic.com	csi?v=28s=ima&puid=2-kw05iq57&c=5392206	bridge3.489.0_en...	gif	390 B	0 B
200	GET	securepubads.g.dou...	view?xai=AKA0jstHr_HLTO7CluyolLokODX5bl8	bridge3.489.0_en...	gif	797 B	0 B
204	P...	csi.gstatic.com	csi?v=28s=ima&puid=2-kw05iq70&c=5392206	ima3.js:98 (beacon)	gif	390 B	0 B
302	GET	redirector.gvt1.com	file.webm	media	webm	3.46 MB	3...
206	GET	r1---sn-q4flmsl.gvt1.com	file.webm	media	webm	3.46 MB	3...
200	GET	x-default-stgec.uplynk.c...	F0000059.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgec.uplynk.c...	F000005A.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgec.uplynk.c...	F000005B.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.81 MB	1...
200	GET	x-default-stgec.uplynk.c...	F0000058.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.81 MB	1...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96Ryb31Ebacr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	securepubads.g.dou...	view?xai=AKA0jssx-LpLbWJjibHZAWfctSGbW5'	bridge3.489.0_en...	gif	797 B	0 B
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96Ryb31Ebacr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96Ryb31Ebacr...	bridge3.489.0_en...	gif	760 B	4...

Response Headers (582 B):

- accept-ranges: bytes
- access-control-allow-origin: *
- age: 879089
- cache-control: no-cache
- content-length: 1922688
- content-type: application/octet-stream
- date: Mon, 15 Nov 2021 04:14:03 GMT
- etag: "6d0c084c43b33c0ea834ca8a90ac660"
- expires: Mon, 15 Nov 2021 04:14:02 GMT
- last-modified: Wed, 03 Nov 2021 19:56:17 GMT
- server: ECacc (daa/7D7D)
- x-amz-id-2: LixSq5IbUxcZLFFdVx+O++Hj5odmOQITAA8Agv6jIqbymqkSv8NixT9eKfgtm

The screenshot shows the Network tab of a browser's developer tools. The top part displays a video player with a play button. Below it, the Network tab shows a list of requests. The selected request is a GET request to a video file. The right pane shows the request headers for this request.

St.	M.	Domain	File	Initiator	Type	Transferred	Size
200	GET	content-ausw2-up-1.upl...	f.m3u8?pbs=273d6cb0fc31492b9b4c087d750ea...	zypeplayer.js39 (f...	vnd.apple.mp...	2.15 KB	1...
200	GET	x-default-stgec.uplynk.c...	F0000056.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
200	GET	x-default-stgec.uplynk.c...	F0000057.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
200	GET	pubads.g.doubleclick...	ads?slotname=/142694468/zype_video8sz=640	bridge3.489.0_en...	xml	5.34 KB	2...
200	GET	x-default-stgec.uplynk.c...	F0000058.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.82 MB	1...
204	P...	csi.gstatic.com	csi?v=28s=ima&puid=2-kw05iq57&c=5392206	bridge3.489.0_en...	gif	390 B	0 B
200	GET	securepubads.g.dou...	view?xai=AKA0jstHr_HLTO7CluyolLokODX5bl8	bridge3.489.0_en...	gif	797 B	0 B
204	P...	csi.gstatic.com	csi?v=28s=ima&puid=2-kw05iq70&c=5392206	ima3.js:98 (beacon)	gif	390 B	0 B
302	GET	redirector.gvt1.com	file.webm	media	webm	3.46 MB	3...
206	GET	r1---sn-q4flmsl.gvt1.com	file.webm	media	webm	3.46 MB	3...
200	GET	x-default-stgec.uplynk.c...	F0000059.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgec.uplynk.c...	F000005A.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgec.uplynk.c...	F000005B.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js39 (f...	octet-stream	1.81 MB	1...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96Ryb31Ebacr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	securepubads.g.dou...	view?xai=AKA0jssx-LpLbWJjibHZAWfctSGbW5'	bridge3.489.0_en...	gif	797 B	0 B
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96Ryb31Ebacr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96Ryb31Ebacr...	bridge3.489.0_en...	gif	760 B	4...

Request Headers (537 B):

- Accept: */*
- Accept-Encoding: gzip, deflate, br
- Accept-Language: en-US,erq=0.5
- Connection: keep-alive
- Host: x-default-stgec.uplynk.com
- Origin: https://player.zype.com
- Referer: https://player.zype.com/
- Sec-Fetch-Dest: empty
- Sec-Fetch-Mode: cors
- Sec-Fetch-Site: cross-site
- User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0

See e.g., <https://www.thisoldhouse.com>.

177. This Old House transmits, to the client device, via the packet-based telecommunication network (e.g., Internet) and in one or more files (e.g., M3U8 file(s)),

each of the one or more files being in a format compatible with a media player on the client device (*e.g.*, client device such as a personal computer, mobile device, and/or television) information instructing the client device how to communicate with an advertising server to cause one or more advertisements to be streamed from the advertising server to the client device in sequence with the streaming of the plurality of segments to the client device by the content distribution network as demonstrated by the examples provided below:

The screenshot displays a video player at the top with a man's face, where the right eye is obscured by a black circle with a white 'X'. Below the video player is the Chrome DevTools Network tab, showing a list of network requests. The selected request is a GET request to a content server. The response headers for this request are visible on the right side of the interface.

St...	M...	Domain	File	Initiator	Type	Transferred	Size	
200	GET	content-ause2-up-1.uply...	3mQZCiy8dVDNBR4NhEmgm01Hqgy4xgyhroMC	zyeplayer.js:39 (fe...	vnd.apple.mp...	1.11 KB	2...	
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	
200	GET	content-ause2-up-1.uply...	e.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	
200	GET	content-ause2-up-1.uply...	c.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.15 KB	14...	
200	GET	content-ause2-up-1.uply...	d.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	

Response Headers (466 B)

- access-control-allow-origin: *
- cache-control: no-cache, no-store
- content-encoding: br
- content-length: 1741
- content-type: application/vnd.apple.mpegurl
- date: Mon, 15 Nov 2021 09:51:29 GMT
- referrer-policy: no-referrer-when-downgrade
- server: nginx
- strict-transport-security: max-age=31536000; includeSubDomains
- x-content-type-options: nosniff
- X-Firefox-Spdy: h2
- x-services: 587a912103da4585aedaa582fe1b5eac
- x-xss-protection: 1; mode=block

The screenshot shows a video player interface with a network inspector below it. The video displays a man in a plaid shirt with a white 'X' over his eyes. The network inspector shows a list of requests, with the selected request being a GET request to a file from the domain content-ause2-up-1.uplynk.com. The detailed view of the request shows the following headers:

- Filter Headers:
 - content-type: application/vnd.apple.mpegurl
 - date: Mon, 15 Nov 2021 09:51:29 GMT
 - referrer-policy: no-referrer-when-downgrade
 - server: nginx
 - strict-transport-security: max-age=31536000; includeSubDomains
 - x-content-type-options: nosniff
 - X-Firefox-Spdy: h2
 - x-services: 587a912103da4585aedaa582fe1b5eac
 - x-xss-protection: 1; mode=block
- Request Headers (470 B):
 - Accept: */*
 - Accept-Encoding: gzip, deflate, br
 - Accept-Language: en-US,en;q=0.5
 - Connection: keep-alive
 - Host: content-ause2-up-1.uplynk.com
 - Origin: https://player.zype.com
 - Referer: https://player.zype.com/v
 - Sec-Fetch-Dest: empty
 - Sec-Fetch-Mode: cors
 - Sec-Fetch-Site: cross-site
 - TE: trailers
 - User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv94.0) Gecko/20100101 Firefox/94.0

Summary statistics at the bottom of the network inspector: 11 requests, 1.42 MB / 22.66 KB transferred, Finish: 8.88 min, DOMContentLoaded: 615 ms, load: 2.10 s.

The screenshot shows a video player interface with a network inspector below it. The video displays two men in a workshop setting. The network inspector shows a list of requests, with the selected request being a GET request to a file from the domain x-default-stgec.uplynk.com. The detailed view of the request shows the following headers:

- Filter Headers:
 - status: 200 OK
 - Version: HTTP/2
 - Transferred: 1.83 MB (1.83 MB size)
 - Referrer Policy: strict-origin-when-cross-origin
- Response Headers (582 B):
 - accept-ranges: bytes
 - access-control-allow-origin: *
 - age: 879089
 - cache-control: no-cache
 - content-length: 1922688
 - content-type: application/octet-stream
 - date: Mon, 15 Nov 2021 04:14:03 GMT
 - etag: "6d0c084c43b33c0ea834ca8a90ac660"
 - expires: Mon, 15 Nov 2021 04:14:02 GMT
 - last-modified: Wed, 03 Nov 2021 19:56:17 GMT
 - server: ECACC (daa/7D7D)
 - x-amz-id-2: LixSq5IbUxcZLPfDvk+O++HjSodmOQTIAA8Aqv8jIqbymqkSv8NixT9eKfqtgm

Summary statistics at the bottom of the network inspector: 420 requests, 83.40 MB / 75.74 MB transferred, Finish: 6.16 min, DOMContentLoaded: 664 ms, load: 9.22 s.

The screenshot displays the Network tab of a web browser's developer tools. The top portion shows a video player interface with a video of hands working on a small object. Below the video, the Network tab is active, showing a list of requests. The selected request is a video file from 'zypeplayer.js:39'. The right-hand pane shows the 'Request Headers' for this request, including 'Accept-encoding: gzip, deflate, br', 'Accept-language: en-US,en;q=0.5', 'Connection: keep-alive', 'Host: x-default-stgecuplynk.com', 'Origin: https://player.zype.com', 'Referer: https://player.zype.com/', 'Sec-Fetch-Dest: empty', 'Sec-Fetch-Mode: cors', 'Sec-Fetch-Site: cross-site', and 'User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0'.

St.	M.	Domain	File	Initiator	Type	Transferred	Size
200	GET	content-ausw2-up-1.upl...	f:m3u8?pbs=273d6cb0fc31492b9b4c087d750ea...	zypeplayer.js:39 (f...	vnd.apple.mp...	2.15 KB	1...
200	GET	x-default-stgecuplynk.c...	F0000056.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...
200	GET	pubads.g.doubleclick...	ads?slotname=/142694468/zype_video8:sz=640...	bridge3.489.0_en...	xml	5.34 KB	2...
200	GET	x-default-stgecuplynk.c...	F0000058.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...
204	P...	csi.gstatic.com	csi?v=28s=ima&puid=2-kw05iq57&c=5392206	bridge3.489.0_en...	gif	390 B	0 B
200	GET	securepubads.g.dou...	view?xai=AKAOjstHlr_HLTO77GuyotLokODXsbl8	bridge3.489.0_en...	gif	797 B	0 B
204	P...	csi.gstatic.com	csi?v=28s=ima&puid=2-kw05iq708&c=5392206	ima3.js:98 (beacon)	gif	390 B	0 B
302	GET	redirector.gvt1.com	file.webm	media	webm	3.46 MB	3...
206	GET	r1---sn-q4flm1sl.gvt1.com	file.webm	media	webm	3.46 MB	3...
200	GET	x-default-stgecuplynk.c...	F0000059.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgecuplynk.c...	F000005A.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgecuplynk.c...	F000005B.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.81 MB	1...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RVb31Ebacgr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	securepubads.g.dou...	view?xai=AKAOjssx-lpLbWljjbHZAWdfctSGbW5s'	bridge3.489.0_en...	gif	797 B	0 B
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RVb31Ebacgr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RVb31Ebacgr...	bridge3.489.0_en...	gif	760 B	4...

See e.g., <https://www.thisoldhouse.com>.

178. This Old House transmits, to the client device, via the packet-based telecommunication network (e.g., Internet) and in one or more files (e.g., M3U8 file(s)), each of the one or more files being in a format compatible with a media player on the client device (e.g., client device such as a personal computer, mobile device, and/or television) the identifier.

The screenshot shows a video player with a man's face and a red 'X' over his eyes. Below the video is a browser's developer network tool. The network tab shows a list of requests, with the selected request having the following response headers:

```

Status: 200 OK
Version: HTTP/2
Transferred: 2.16 KB (145.13 KB size)
Referrer Policy: strict-origin-when-cross-origin

Response Headers (466 B)
- access-control-allow-origin: *
- cache-control: no-cache, no-store
- content-encoding: br
- content-length: 1741
- content-type: application/vnd.apple.mpegurl
- date: Mon, 15 Nov 2021 09:51:29 GMT
- referrer-policy: no-referrer-when-downgrade
- server: nginx
- strict-transport-security: max-age=31536000; includeSubDomains
- x-content-type-options: nosniff
- X-Firefox-Spdy: h2
- x-services: 587a912103da4585aedaa582fe1b5eac
- x-xss-protection: 1; mode=block
    
```

The screenshot shows a video player with a man's face and a red 'X' over his eyes. Below the video is a browser's developer network tool. The network tab shows a list of requests, with the selected request having the following request headers:

```

Request Headers (470 B)
- Accept: */*
- Accept-Encoding: gzip, deflate, br
- Accept-Language: en-US,en;q=0.5
- Connection: keep-alive
- Host: content-ause2-up-1.uplynk.com
- Origin: https://player.zype.com
- Referer: https://player.zype.com/
- Sec-Fetch-Dest: empty
- Sec-Fetch-Mode: cors
- Sec-Fetch-Site: cross-site
- TE: trailers
- User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0
    
```

See e.g., <https://www.thisoldhouse.com>.

179. SITO has been damaged by the direct infringement of This Old House, and is suffering and will continue to suffer irreparable harm and damages as a result of this infringement.

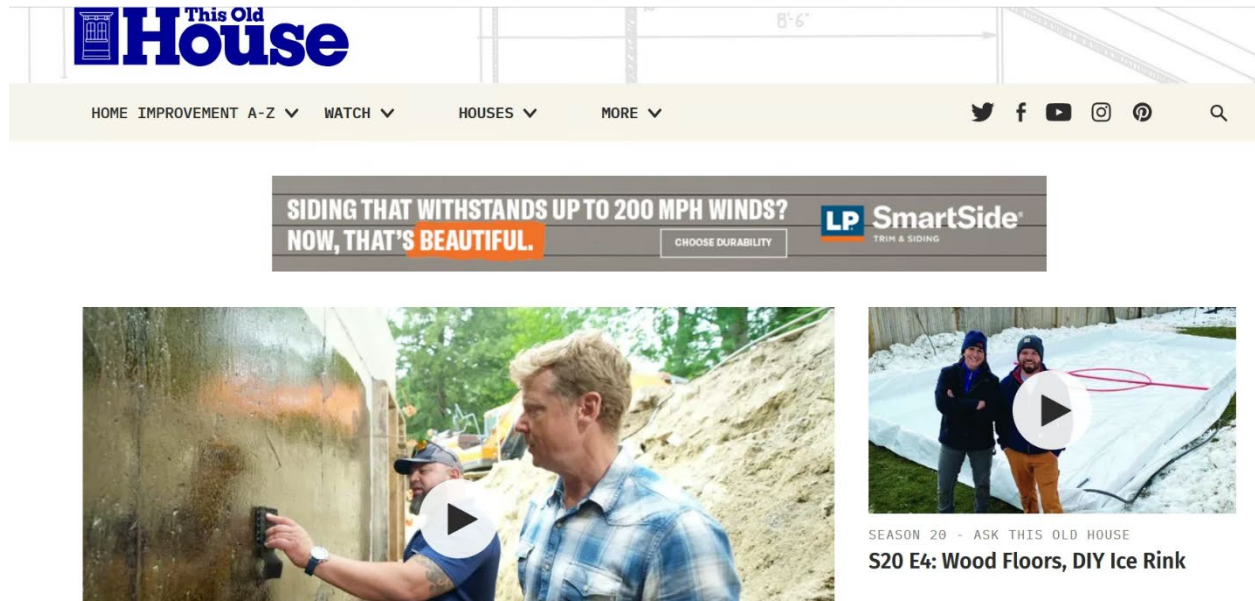
Count X - Infringement of United States Patent No. 9,756,362

180. SITO alleges, and incorporates by reference, as if fully set forth here, the preceding paragraphs of this Complaint.

181. This Old House directly infringes (literally and/or under the doctrine of equivalents) claim 1 of the '362 patent.

182. On information and belief, and without SITO's approval, authorization and license, This Old House owns, controls, operates and uses a system for streaming media that includes This Old House Streaming Platform, as well as other This Old House networks, systems, devices, components and/or services for streaming media, that practices and infringes claim 1 of the '362 patent.

183. On information and belief, This Old House is a video streaming system comprising a plurality of servers, each of the plurality of servers including one or more processors and a memory as demonstrated by the example provided below:



See e.g., <https://www.thisoldhouse.com>.

184. On information and belief, This Old House receives video content (e.g., television program) from video content owners.

185. This Old House stores the received videos content (e.g., television program) in a plurality of geographically separated resources (e.g., media streaming servers) of a content distribution network (e.g., distributed network of servers) as demonstrated by the example provided below:

The top screenshot shows a network log with the following entry highlighted:

St...	M...	Domain	File	Initiator	Type	Transferred	Size
200	GET	cdn.vox-cdn.com	chorus-9e52eead5b7d1f1e2906.js	script	js	cached	0 B

The right-hand pane shows the response headers for the selected request:

```

Status: 200 OK
Version: HTTP/2
Transferred: 838.97 KB (0 B size)
Referrer Policy: strict-origin-when-cross-origin

Response Headers (645 B)
- accept-ranges: bytes
- access-control-allow-origin: *
- age: 1522
- content-encoding: gzip
- content-length: 104581
- content-type: application/javascript
- date: Fri, 12 Nov 2021 10:55:08 GMT
- etag: "68ffff885dbb4f6113cb47efd342362"
- last-modified: Wed, 10 Nov 2021 16:19:23 GMT
- server: AmazonS3
- strict-transport-security: max-age=31536000
- vary: Accept-Encoding

```

The bottom screenshot shows the same network log with the selected request's headers expanded:

```

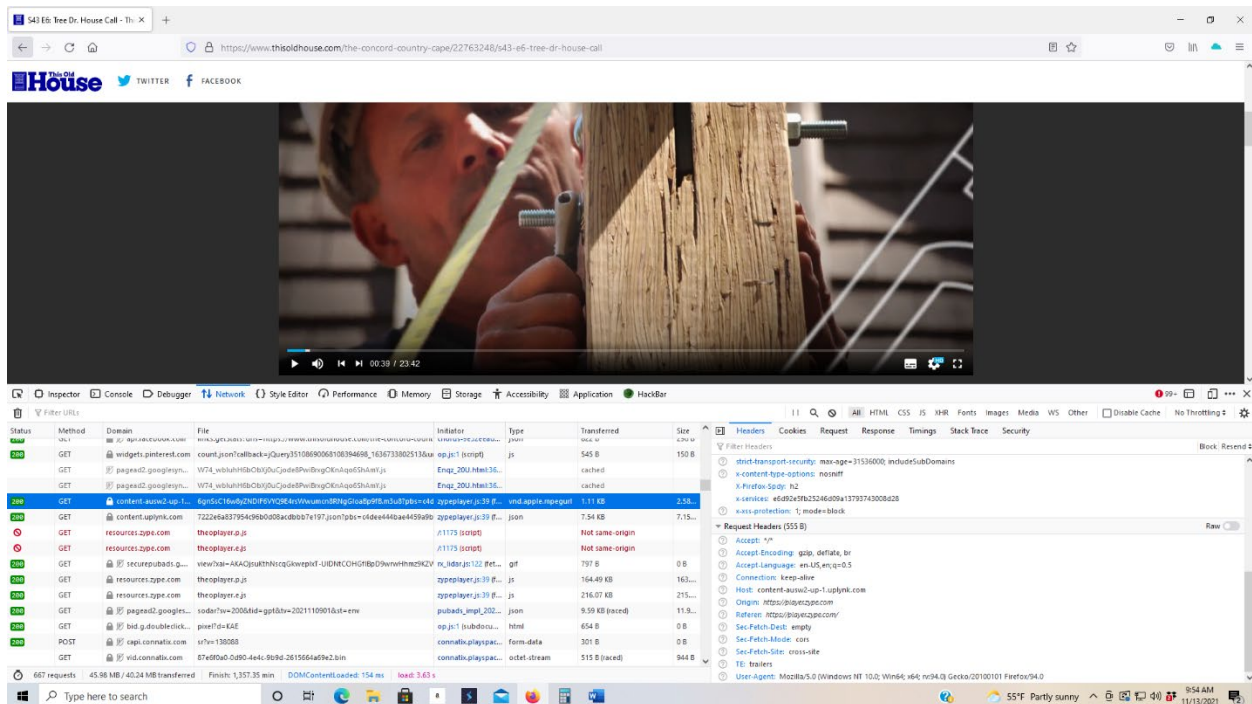
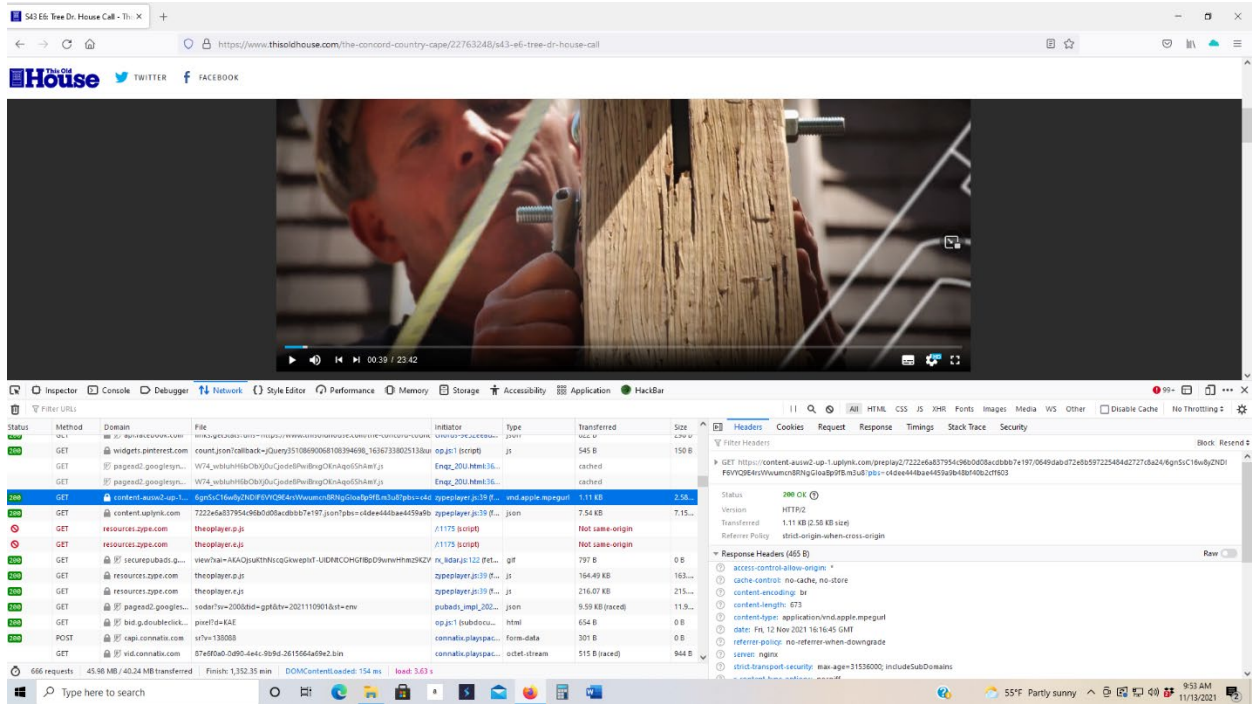
Response Headers (645 B)
- vary: Accept-Encoding
- via: 1.1 varnish
- x-amz-id-2: O8/q7G1p9Py4QO/CxadUafNfjswpymQomSqA40gsDuWG5cdIM9ppzjO3W
  8AKcerSxoid6Z2k=
- x-amz-request-id: AS3DVCVZNFATP7X0
- x-cache: HIT
- x-cache-hits: 11
- x-Firefox-Spdy: h2
- x-served-by: cache-dal21235-DAL
- x-timer: S1636714508.151157.VS0.VEO

Request Headers (428 B)
- Accept: */*
- Accept-Encoding: gzip, deflate, br
- Accept-Language: en-US,en;q=0.5
- Connection: keep-alive
- Host: cdn.vox-cdn.com
- Origin: https://www.thisoldhouse.com
- Referer: https://www.thisoldhouse.com/
- Sec-Fetch-Dest: script
- Sec-Fetch-Mode: cors
- Sec-Fetch-Site: cross-site
- User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0

```

See e.g., <https://www.thisoldhouse.com/>

186. This Old House receives, from the client device (e.g., personal computer, mobile device, television) via a packet-based telecommunication network (e.g., Internet), signaling (e.g., GET request) to have the stored video content (e.g., television program) streamed to the client device from one or more of the resources of the content distribution network as demonstrated by the example provided below:



See e.g., <https://www.thisoldhouse.com/>.

187. In response to the received signaling (e.g., GET request), This Old House transmits one or more files (e.g., (M3U8)) to the client device (e.g., personal computer,

mobile device, television) over the packet-based telecommunication network (e.g., the Internet) as demonstrated by the example provided below:

The screenshot shows a video player interface with a network inspector overlay. The video displays a man's face. The network inspector shows a list of GET requests to various content files. The selected request is highlighted, and its response headers are displayed on the right.

St...	M...	Domain	File	Initiator	Type	Transferred	Size	Headers	Cookies	Request	Response	Timings	Stack Trace	Security	
200	GET	content-ause2-up-1.uply...	3mQZCY8dVDNBR4NhEmgm01Hlqgy4xgyhroMC	zyeplayer.js:39 (fe...	vnd.apple.mp...	1.11 KB	2...								
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...								
200	GET	content-ause2-up-1.uply...	e.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...								
200	GET	content-ause2-up-1.uply...	c.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.15 KB	14...								
200	GET	content-ause2-up-1.uply...	d.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...								
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...								
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...								
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...								
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...								
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...								

Response Headers (466 B)

- access-control-allow-origin: *
- cache-control: no-cache, no-store
- content-encoding: br
- content-length: 1741
- content-type: application/vnd.apple.mpegurl
- date: Mon, 15 Nov 2021 09:51:29 GMT
- referrer-policy: no-referrer-when-downgrade
- server: nginx
- strict-transport-security: max-age=31536000; includeSubDomains
- x-content-type-options: nosniff
- X-Firefox-Spdy: h2
- x-services: 587a912103da4585aedaa582fe1b5eac
- x-xss-protection: 1; mode=block

The screenshot shows a video player interface with a network inspector overlay. The video displays a man's face. The network inspector shows a list of GET requests to various content files. The selected request is highlighted, and its request headers are displayed on the right.

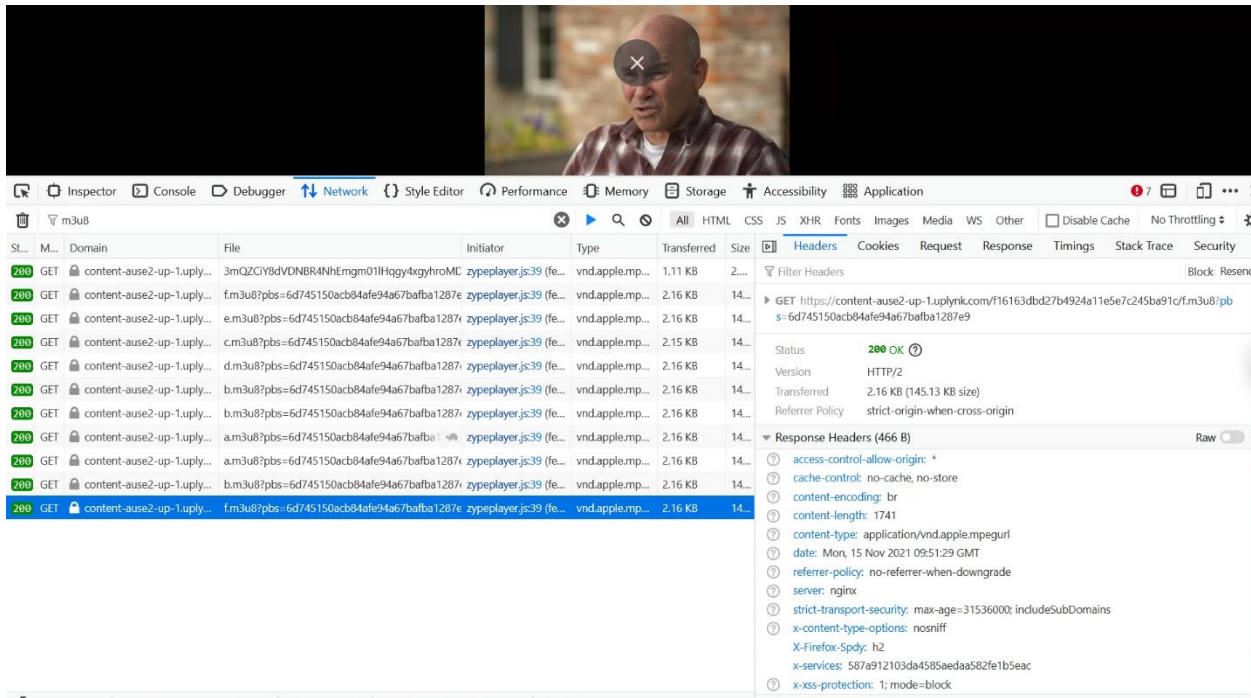
St...	M...	Domain	File	Initiator	Type	Transferred	Size	Headers	Cookies	Request	Response	Timings	Stack Trace	Security	
200	GET	content-ause2-up-1.uply...	3mQZCY8dVDNBR4NhEmgm01Hlqgy4xgyhroMC	zyeplayer.js:39 (fe...	vnd.apple.mp...	1.11 KB	2...								
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...								
200	GET	content-ause2-up-1.uply...	e.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...								
200	GET	content-ause2-up-1.uply...	c.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.15 KB	14...								
200	GET	content-ause2-up-1.uply...	d.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...								
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...								
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...								
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...								
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...								
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...								
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67ba1287e	zyeplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...								

Request Headers (470 B)

- Accept: */*
- Accept-Encoding: gzip, deflate, br
- Accept-Language: en-US,en;q=0.5
- Connection: keep-alive
- Host: content-ause2-up-1.uplynk.com
- Origin: https://player.zype.com
- Referer: https://player.zype.com/
- Sec-Fetch-Dest: empty
- Sec-Fetch-Mode: cors
- Sec-Fetch-Site: cross-site
- TE: trailers
- User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0

See e.g., <https://www.thisoldhouse.com/>.

188. The M3U8 includes an identification (e.g., URL that resolves an IP address) of one or more of the resources (e.g., media streaming server(s)) of the content distribution network available to facilitate streaming of one or more segments of the stored video content (e.g., television program) to the client device (e.g., personal computer, mobile device, television), the identification is dependent at least in part on a relationship between a geographic location of the client device and geographic locations (e.g., CDNs) of the resources of the content distribution network as demonstrated by the examples provided below:



The screenshot shows a browser's developer tools interface. The top part displays a video player with a man's face. Below it, the Network tab is active, showing a list of requests. The selected request is a GET to 'vnd.apple.mp...' with a status of 200. The right-hand pane shows the 'Headers' section, including Filter Headers and Request Headers (470 B). The Request Headers include: Accept: */*, Accept-Encoding: gzip, deflate, br, Accept-Language: en-US,en;q=0.5, Connection: keep-alive, Host: content-ause2-up-1.uplynk.com, Origin: https://player.zype.com, Referer: https://player.zype.com/, Sec-Fetch-Dest: empty, Sec-Fetch-Mode: cors, Sec-Fetch-Site: cross-site, TE: trailers, and User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0.

Location-Identifying Technologies

GPS, WiFi, Bluetooth, and other location-aware technologies may be used to collect precise location data when you enable location-based services through your device. Location data may be used for purposes such as verifying your device's location and delivering or restricting relevant content and advertising based on that location.

The screenshot shows a browser's developer tools interface. The top part displays the 'This Old House' logo and social media icons for Twitter and Facebook. Below it, the Network tab is active, showing a list of requests. The selected request is a GET to 'https://cdn.vox-cdn.com/packs/js/chorus-9e52eed5b7d1f1e2906.js' with a status of 200 OK. The right-hand pane shows the 'Response Headers' section (645 B), including: accept-ranges: bytes, access-control-allow-origin: *, age: 1522, content-encoding: gzip, content-length: 104581, content-type: application/javascript, date: Fri, 12 Nov 2021 10:55:08 GMT, etag: "68ffff885dbb4f6113cb47ef432362", last-modified: Wed, 10 Nov 2021 16:19:23 GMT, server: AmazonS3, strict-transport-security: max-age=31536000, and vary: Accept-Encoding.

St...	M...	Domain	File	Initiator	Type	Transferred	Size
304	GET	cdn.concert.io	concert-concierge.2.8.0.min.js	script	js	cached	0 B
200	GET	cdn.vox-cdn.com	chorus-9e52eead5b7d1f1e2906.js	script	js	cached	0 B
	GET	cdn.vox-cdn.com	toh-android-192x192.0.png	FaviconLoader.jsm...	png	2.20 KB (r...	2...
	GET	cdn.vox-cdn.com	toh-fav-32x32.0.png	FaviconLoader.jsm...	png	654 B (rac...	65...
304	GET	cdn.resonate.com	analytics.min.js	s20-e6-easier-plu...	js	cached	0 B
204	P...	www.google-analytic...	collect?v=2&tid=G-18gtm=2oeba1&p=72139:js40 (beacon)	js40 (beacon)	plain	412 B	0 B
304	GET	cdn.concert.io	ahR0cHM6ly93d3cudGhpc29sZGhvdXNlMmNvb...	concert_ads.js2 (x...	json	cached	1...
200	GET	cdn.concert.io	client.json	concert_ads.js2 (x...	json	cached	27...
	GET	cdn.ampproject.org	amp4ads-v0.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-ad-exit-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-analytics-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-fit-text-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-form-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp4ads-v0.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-ad-exit-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-analytics-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-fit-text-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-form-0.1.mjs	b-7b120a5-fc5477...		cached	

See e.g., <https://www.thisoldhouse.com/>.

189. The M3U8 includes an identification of an advertising server, the identification of the advertising server being dependent at least in part on a relationship between the geographic location (e.g., CDNs) of the client device (e.g., personal computer, mobile device, television) and a geographic location of the advertising server as demonstrated by the examples provided below:

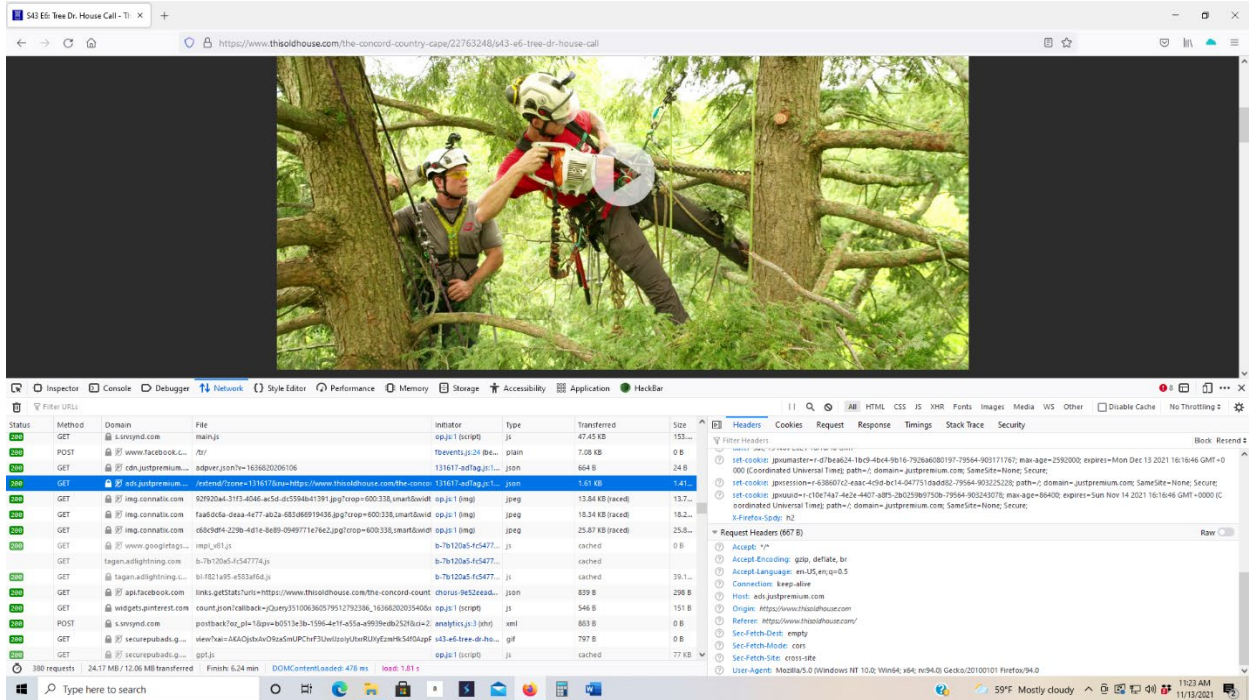
St...	M...	Domain	File	Initiator	Type	Transferred	Size
304	GET	cdn.concert.io	concert-concierge.2.8.0.min.js	script	js	cached	0 B
200	GET	cdn.vox-cdn.com	chorus-9e52eead5b7d1f1e2906.js	script	js	cached	0 B
	GET	cdn.vox-cdn.com	toh-android-192x192.0.png	FaviconLoader.jsm...	png	2.20 KB (r...	2...
	GET	cdn.vox-cdn.com	toh-fav-32x32.0.png	FaviconLoader.jsm...	png	654 B (rac...	65...
304	GET	cdn.resonate.com	analytics.min.js	s20-e6-easier-plu...	js	cached	0 B
204	P...	www.google-analytic...	collect?v=2&tid=G-18gtm=2oeba1&p=72139:js40 (beacon)	js40 (beacon)	plain	412 B	0 B
304	GET	cdn.concert.io	ahR0cHM6ly93d3cudGhpc29sZGhvdXNlMmNvb...	concert_ads.js2 (x...	json	cached	1...
200	GET	cdn.concert.io	client.json	concert_ads.js2 (x...	json	cached	27...
	GET	cdn.ampproject.org	amp4ads-v0.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-ad-exit-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-analytics-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-fit-text-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-form-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp4ads-v0.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-ad-exit-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-analytics-0.1.mjs	b-7b120a5-fc5477...		cached	

The screenshot shows a browser's Network Monitor with a list of requests. The selected request is from cdn.vox-cdn.com for the file chorus-9e52eead5b7d1f1e2906.js. The right-hand pane shows the request headers, including Accept-Encoding, vary, via, x-amz-id-2, x-amz-request-id, x-cache, x-cache-hits, X-Firefox-Spdy, X-Served-By, and X-Timer. The request headers section is expanded to show 428 B of data, including Accept, Accept-Encoding, Accept-Language, Connection, Host, Origin, Referer, Sec-Fetch-Dest, Sec-Fetch-Mode, Sec-Fetch-Site, and User-Agent.

Location-Identifying Technologies

GPS, WiFi, Bluetooth, and other location-aware technologies may be used to collect precise location data when you enable location-based services through your device. Location data may be used for purposes such as verifying your device's location and delivering or restricting relevant content and advertising based on that location.

The screenshot shows a browser window displaying a photo of two people rappelling in a forest. Below the photo, the browser's Network Monitor is open, showing a list of requests. The selected request is from ads.justpremium.com for the file extend/zone=131617. The right-hand pane shows the request headers, including Status, Version, Transfered, Referer, Blocking, and Response Headers. The response headers section is expanded to show 644 B of data, including access-control-allow-credentials, access-control-allow-origin, cache-control, content-encoding, and content-type.



See e.g., <https://www.thisoldhouse.com/>.

190. The M3U8 causes the client device to communicate with resources (e.g., media streaming servers) of the content distribution network and the advertising server to cause the one or more segments of the stored video (e.g., television program) to be streamed to the client device (e.g., personal computer, mobile device, television) by the identified one or more resources of the content distribution network and cause one or more advertisements to be streamed from the advertising server to the client device as demonstrated by the examples provided below:

This screenshot shows the Network tab of a browser's developer tools. The top of the page displays the 'This Old House' logo and social media links for Twitter and Facebook. The browser's developer tools are open, showing a list of network requests. The selected request is a GET request for 'chorus-9e52eead5b7d1f1e2906.js' from 'cdn.vox-cdn.com'. The right-hand pane shows the response headers for this request, including status (200 OK), version (HTTP/2), content encoding (gzip), and various security headers like 'strict-transport-security' and 'accept-encoding'.

St...	M...	Domain	File	Initiator	Type	Transferred	Size
384	GET	cdn.concert.io	concert-concierge.2.8.0.min.js	script	js	cached	0 B
200	GET	cdn.vox-cdn.com	chorus-9e52eead5b7d1f1e2906.js	script	js	cached	0 B
	GET	cdn.vox-cdn.com	toh-android-192x192.0.png	FaviconLoader.jsm...	png	2.20 KB (r...	2...
	GET	cdn.vox-cdn.com	toh-fav-32x32.0.png	FaviconLoader.jsm...	png	654 B (rac...	65...
384	GET	cdn.resonate.com	analytics.min.js	s20-e6-easier-plu...	js	cached	0 B
204	P...	www.google-analytic...	collect?v=2&tid=G-1>m=2oeba1&p=72139	js:40 (beacon)	plain	412 B	0 B
384	GET	cdn.concert.io	ahR0cHM6ly93d3cudGhpc29sZGhvdXNlMmNvb...	concert_ads.js2 (x...	json	cached	1...
200	GET	cdn.concert.io	client.json	concert_ads.js2 (x...	json	cached	27...
	GET	cdn.ampproject.org	amp4ads-v0.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-ad-exit-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-analytics-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-fit-text-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-form-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp4ads-v0.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-ad-exit-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-analytics-0.1.mjs	b-7b120a5-fc5477...		cached	

This screenshot shows the Network tab of a browser's developer tools, similar to the first one but with a different selected request. The selected request is a GET request for 'chorus-9e52eead5b7d1f1e2906.js' from 'cdn.vox-cdn.com'. The right-hand pane shows the response headers, including 'vary: Accept-Encoding', 'via: 1.1 varnish', and various request headers like 'x-amz-id-2', 'x-cache: HIT', and 'x-cache-hits: 11'. The request headers pane shows 'Accept: */*', 'Accept-Encoding: gzip, deflate, br', and 'User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0'.

St...	M...	Domain	File	Initiator	Type	Transferred	Size
384	GET	cdn.concert.io	concert-concierge.2.8.0.min.js	script	js	cached	0 B
200	GET	cdn.vox-cdn.com	chorus-9e52eead5b7d1f1e2906.js	script	js	cached	0 B
	GET	cdn.vox-cdn.com	toh-android-192x192.0.png	FaviconLoader.jsm...	png	2.20 KB (r...	2...
	GET	cdn.vox-cdn.com	toh-fav-32x32.0.png	FaviconLoader.jsm...	png	654 B (rac...	65...
384	GET	cdn.resonate.com	analytics.min.js	s20-e6-easier-plu...	js	cached	0 B
204	P...	www.google-analytic...	collect?v=2&tid=G-1>m=2oeba1&p=72139	js:40 (beacon)	plain	412 B	0 B
384	GET	cdn.concert.io	ahR0cHM6ly93d3cudGhpc29sZGhvdXNlMmNvb...	concert_ads.js2 (x...	json	cached	1...
200	GET	cdn.concert.io	client.json	concert_ads.js2 (x...	json	cached	27...
	GET	cdn.ampproject.org	amp4ads-v0.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-ad-exit-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-analytics-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-fit-text-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-form-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp4ads-v0.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-ad-exit-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-analytics-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-fit-text-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-form-0.1.mjs	b-7b120a5-fc5477...		cached	

The screenshot shows a web browser displaying a page with a photograph of two arborists working in a tree. The browser's developer tools are open to the Network tab, showing a list of requests. The selected request is a GET to `https://ads.justpremium.com/extend/?zone=131617&url=https://www.thisoldhouse.com/the-concord-county-cape/22763248/943-46-tree-dr-house-call`. The response headers are visible on the right, including `Content-Type: application/json` and `Cache-Control: public, no-cache, no-store, must-revalidate`.

This screenshot shows the same browser page, but with a different request selected in the Network tab. The selected request is a GET to `https://ads.justpremium.com/extend/?zone=131617&url=https://www.thisoldhouse.com/the-concord-county-cape/22763248/943-46-tree-dr-house-call`. The response headers are expanded, showing cookies such as `session=6388071c2-eaac-4c9b-bc14-0477318a6852` and `ipm=1c667af7-4c2b-4401-ab75-2bc25907732b-79564-903243076`. Other headers include `Accept: */*` and `Accept-Encoding: gzip, deflate, br`.

See e.g., <https://www.thisoldhouse.com/>.

191. SITO has been damaged by the direct infringement of This Old House, and is suffering and will continue to suffer irreparable harm and damages as a result of this infringement.

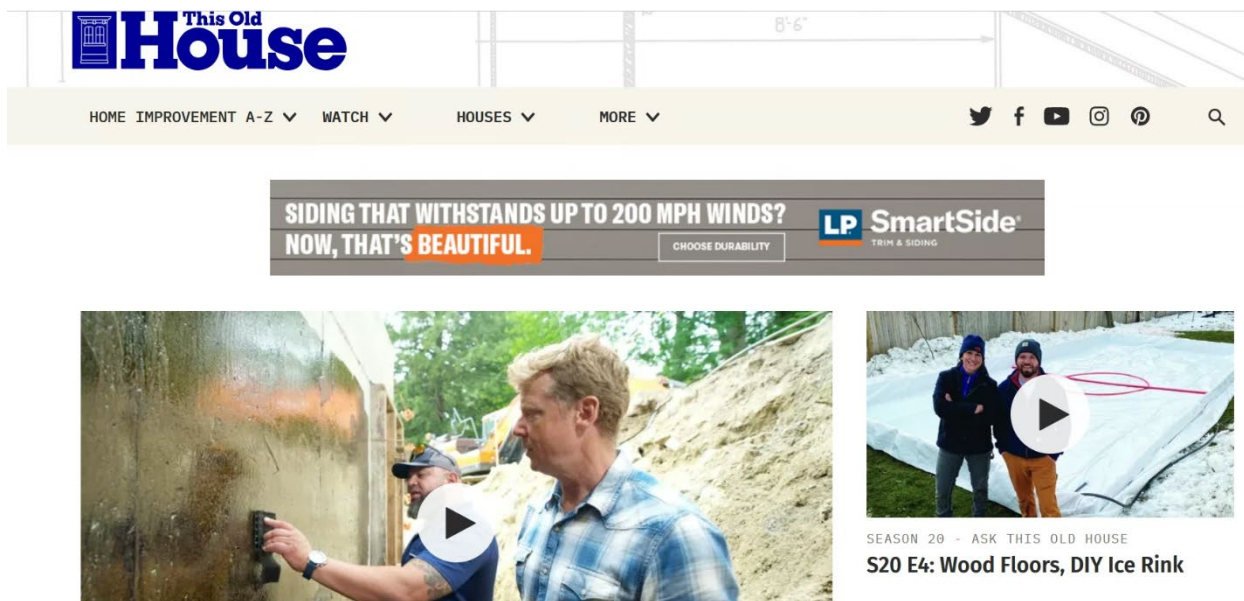
Count XI - Infringement of United States Patent No. 10,009,637

192. SITO alleges, and incorporates by reference, as if fully set forth here, the preceding paragraphs of this Complaint.

193. This Old House directly infringes (literally and/or under the doctrine of equivalents) the '637 patent by using the method covered by at least claim 1 of the '637 patent.

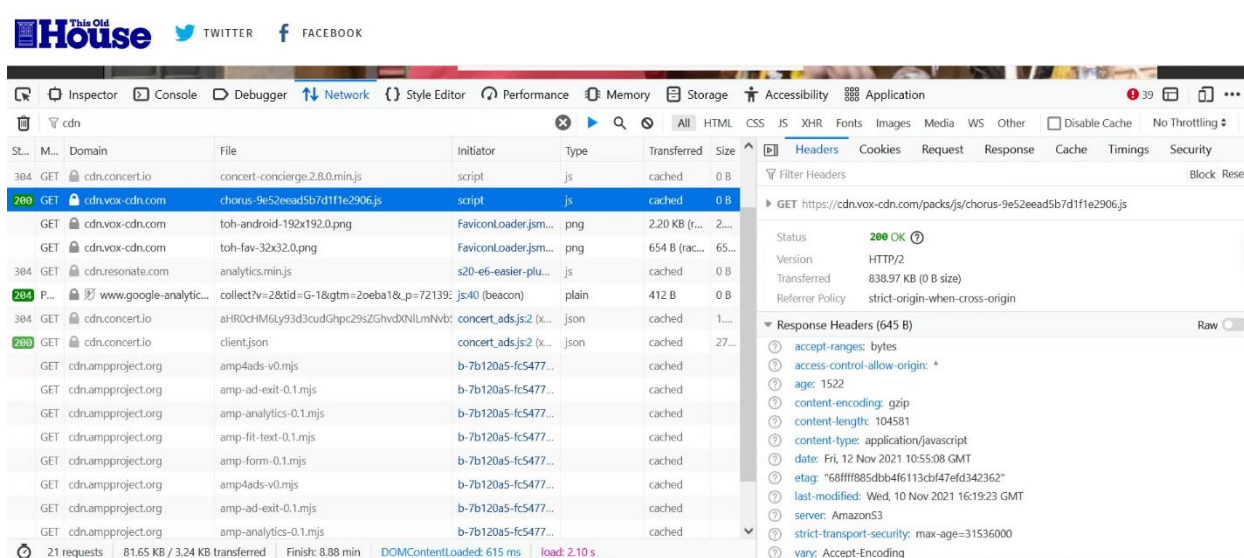
194. On information and belief, and without SITO's approval, authorization and license, This Old House owns, controls, operates and uses a system for streaming media that includes This Old House Streaming Platform, as well as other This Old House networks, systems, devices, components and/or services for streaming media, that practices and infringes the media streaming method recited in at least claim 1 of the '637 patent.

195. This Old House performs a method for managing streaming of video content (*e.g.*, television program) to a client device (*e.g.*, personal computer, mobile device, and/or television) as demonstrated by the example provided below:



See e.g., <https://www.thisoldhouse.com>.

196. This Old House provides the video content to a content distribution network (e.g., content delivery network (CDN)) for storage in a plurality of geographically separated resources (e.g., streaming servers located throughout the United States) of the content distribution network as demonstrated by the examples provided below:



The screenshot shows the Network Monitor interface with a table of requests. The selected request is:

St...	M...	Domain	File	Initiator	Type	Transferred	Size
200	GET	cdn.vox-cdn.com	chorus-9e52eead5b7d1f1e2906.js	script	js	cached	0 B

The Request Headers for this request are:

- Accept: */*
- Accept-Encoding: gzip, deflate, br
- Accept-Language: en-US,en;q=0.5
- Connection: keep-alive
- Host: cdn.vox-cdn.com
- Origin: https://www.thisoldhouse.com/
- Referer: https://www.thisoldhouse.com/
- Sec-Fetch-Dest: script
- Sec-Fetch-Mode: cors
- Sec-Fetch-Site: cross-site
- User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0

See e.g., <https://www.thisoldhouse.com/>.

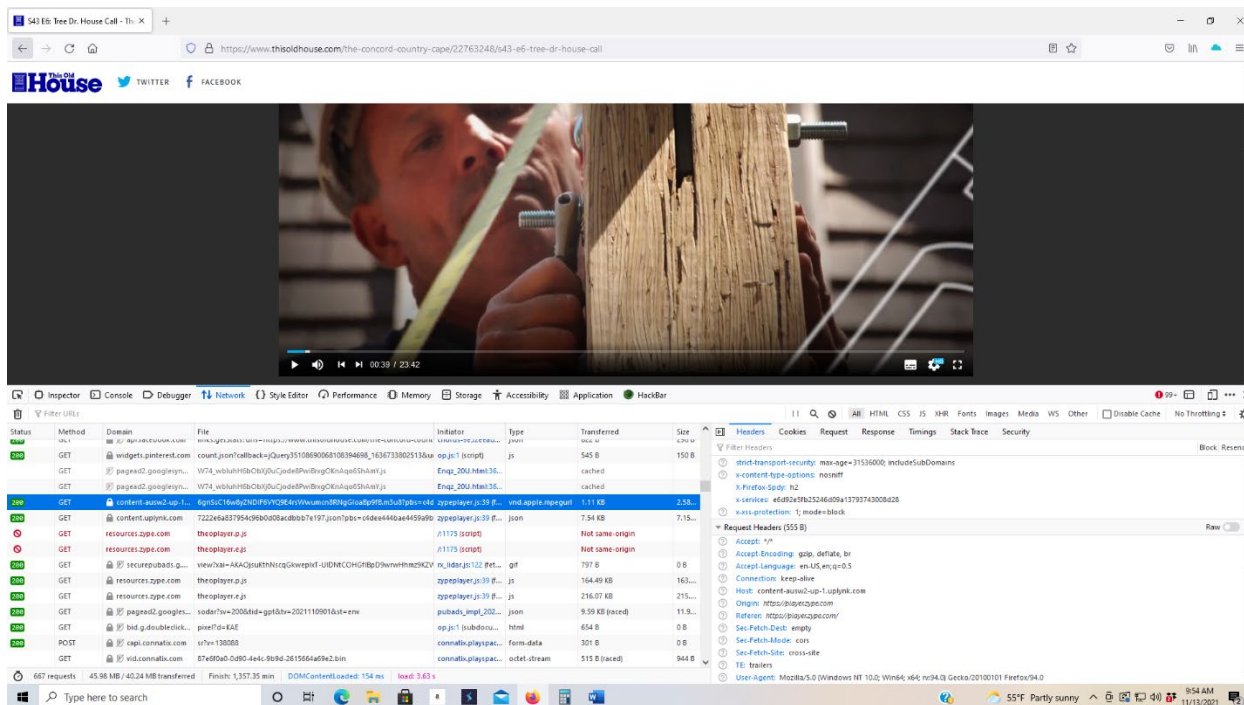
197. A server(s) of This Old House receives, from the client device via a packet-based telecommunication network (e.g., the Internet), signaling (e.g., GET request) to have the stored video content streamed to the client device as demonstrated by the example provided below:

The screenshot shows a video player on the website <https://www.thisoldhouse.com/the-concord-country-cape/22763248/s43-e6-tree-dr-house-call>. The video player shows a person using a power drill on a wooden structure. Below the video, the browser's Network Monitor is open, showing a list of requests. The selected request is:

Status	Method	Domain	File	Initiator	Type	Transferred	Size
200	GET	content.splynk.com	zppeplayer.js	zppeplayer.js	js	1.11 KB	2.5K

The Response Headers for this request are:

- Content-Type: application/javascript
- Server: nginx
- Access-Control-Allow-Origin: *
- Cache-Control: no-cache, no-store
- Content-Encoding: br
- Content-Length: 673
- Content-Security-Policy: application/vnd.apple.mpegurl
- Date: Fri, 12 Nov 2021 16:16:45 GMT
- Referer-Policy: no-referrer-when-downgrade
- Server: nginx
- Strict-Transport-Security: max-age=31536000; includeSubDomains



See e.g., <https://www.thisoldhouse.com>.

198. In response to the received signaling, a server transmits one or more files (e.g., M3U8 file(s)) to the client device via the packet-based telecommunication network, each of the one or more files being in a format compatible with a media player on the client device, the one or more files comprising an identification (e.g., host name) of one or more of the resources (e.g., streaming server(s)) of the content distribution network available to facilitate streaming of one or more segments of the stored video content to the client device, the identification being dependent at least in part on a relationship between a geographic location of the client device and geographic locations of the resources of the content distribution network (e.g., the host name will resolve an IP address of a streaming server of a CDN that is geographically close to the client device) as demonstrated by the examples provided below:

The screenshot shows a video player with a man's face and a red 'X' over his eyes. Below the video is a network inspector showing a list of requests and the response headers for the selected request.

St...	M...	Domain	File	Initiator	Type	Transferred	Size	Headers	Cookies	Request	Response	Timings	Stack Trace	Security	
200	GET	content-ause2-up-1.uply...	3mQZCY8dVDNBR4NhEmgm01Hkqgy4xgyhroMC	zyplayer.js:39 (fe...	vnd.apple.mp...	1.11 KB	2...	Filter Headers							Block: Resenc
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	GET https://content-ause2-up-1.uplynk.com/f16163dbd27b4924a11e5e7c245ba91c/fm3u8?pbs=6d745150acb84afe94a67bafba1287e9							
200	GET	content-ause2-up-1.uply...	e.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Status	200 OK						
200	GET	content-ause2-up-1.uply...	c.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.15 KB	14...	Version	HTTP/2						
200	GET	content-ause2-up-1.uply...	d.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Transferred	2.16 KB (145.13 KB size)						
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Referrer Policy	strict-origin-when-cross-origin						
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Response Headers (466 B)							Raw
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	access-control-allow-origin: *							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	cache-control: no-cache, no-store							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	content-encoding: br							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	content-length: 1741							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	content-type: application/vnd.apple.mpegurl							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	date: Mon, 15 Nov 2021 09:51:29 GMT							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	referrer-policy: no-referrer-when-downgrade							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	server: nginx							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	strict-transport-security: max-age=31536000; includeSubDomains							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	x-content-type-options: nosniff							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	X-Firefox-Spdy: h2							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	x-services: 587a912103da4585aedaa582fe1b5eac							
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	x-xss-protection: 1; mode=block							

The screenshot shows a video player with a man's face and a red 'X' over his eyes. Below the video is a network inspector showing a list of requests and the request headers for the selected request.

St...	M...	Domain	File	Initiator	Type	Transferred	Size	Headers	Cookies	Request	Response	Timings	Stack Trace	Security	
200	GET	content-ause2-up-1.uply...	3mQZCY8dVDNBR4NhEmgm01Hkqgy4xgyhroMC	zyplayer.js:39 (fe...	vnd.apple.mp...	1.11 KB	2...	Filter Headers							Block: Resenc
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	content-type: application/vnd.apple.mpegurl							
200	GET	content-ause2-up-1.uply...	e.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	date: Mon, 15 Nov 2021 09:51:29 GMT							
200	GET	content-ause2-up-1.uply...	c.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.15 KB	14...	referrer-policy: no-referrer-when-downgrade							
200	GET	content-ause2-up-1.uply...	d.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	server: nginx							
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	strict-transport-security: max-age=31536000; includeSubDomains							
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	x-content-type-options: nosniff							
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	X-Firefox-Spdy: h2							
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	x-services: 587a912103da4585aedaa582fe1b5eac							
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	x-xss-protection: 1; mode=block							
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Request Headers (470 B)							Raw
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Accept: */*							
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Accept-Encoding: gzip, deflate, br							
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Accept-Language: en-US,en;q=0.5							
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Connection: keep-alive							
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Host: content-ause2-up-1.uplynk.com							
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Origin: https://player.zype.com							
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Referer: https://player.zype.com/v							
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Sec-Fetch-Dest: empty							
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Sec-Fetch-Mode: cors							
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Sec-Fetch-Site: cross-site							
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	TE: trailers							
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0							

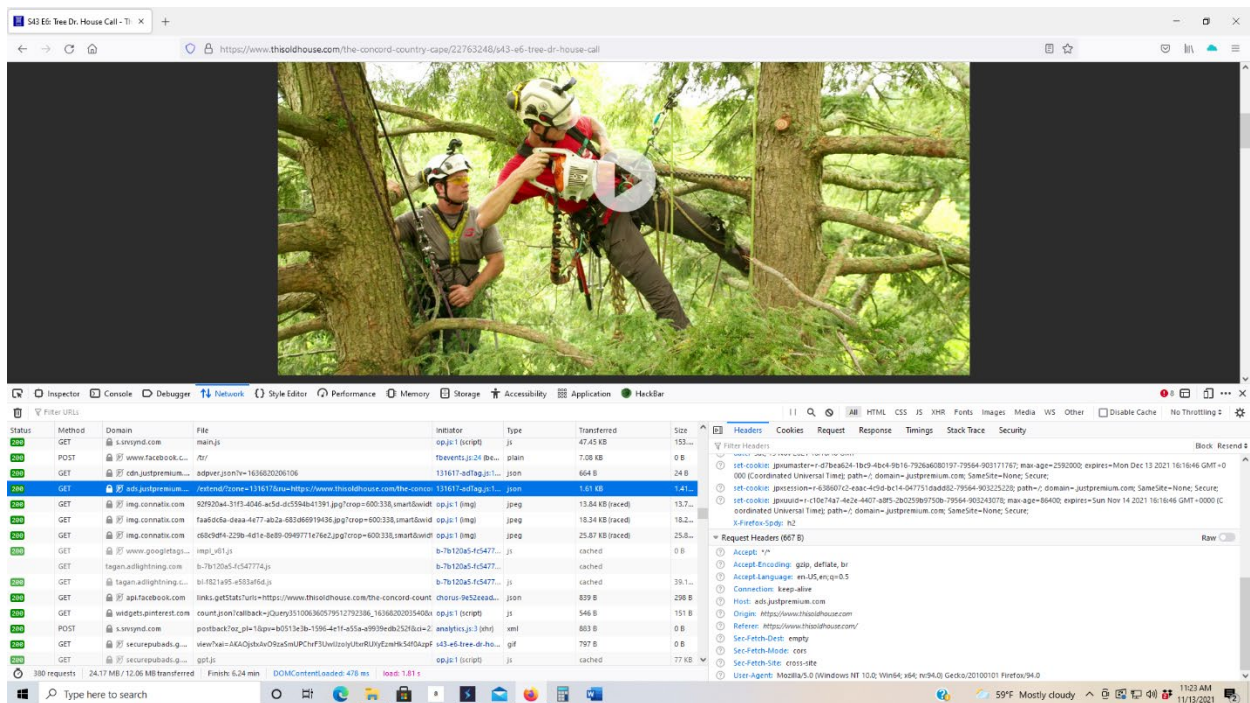
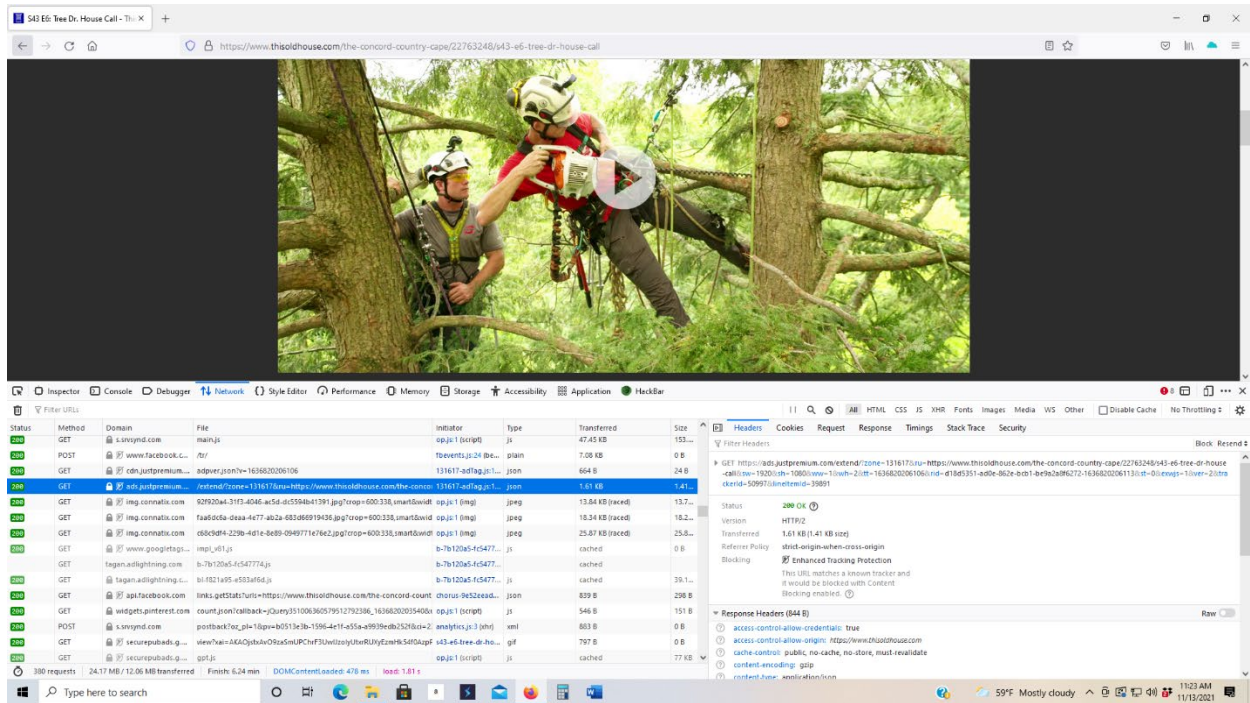
11 requests | 1.42 MB / 22.66 KB transferred | Finish: 8.88 min | DOMContentLoaded: 615 ms | load: 2.10 s

The image displays two screenshots of a web browser's developer tools network tab. The top screenshot shows a list of network requests, with the selected request 'chorus-9e52eead5b7d1f1e2906.js' highlighted. The right pane shows the response headers for this request, including status 200 OK, version HTTP/2, and various cache and security headers. The bottom screenshot shows the same network tab with the selected request 'chorus-9e52eead5b7d1f1e2906.js' highlighted, and the right pane showing the request headers, including accept-encoding, accept-language, and user-agent.

See e.g., <https://www.thisoldhouse.com/>.

199. In response to the received signaling, a server transmits one or more files (e.g., M3U8 file(s)) to the client device via the packet-based telecommunication network, each of the one or more files being in a format compatible with a media player on the client device, the one or more files comprising an identification (e.g., host name) of an advertising server, the identification of the advertising server being dependent at least in part on a relationship between the geographic location of the client device and a

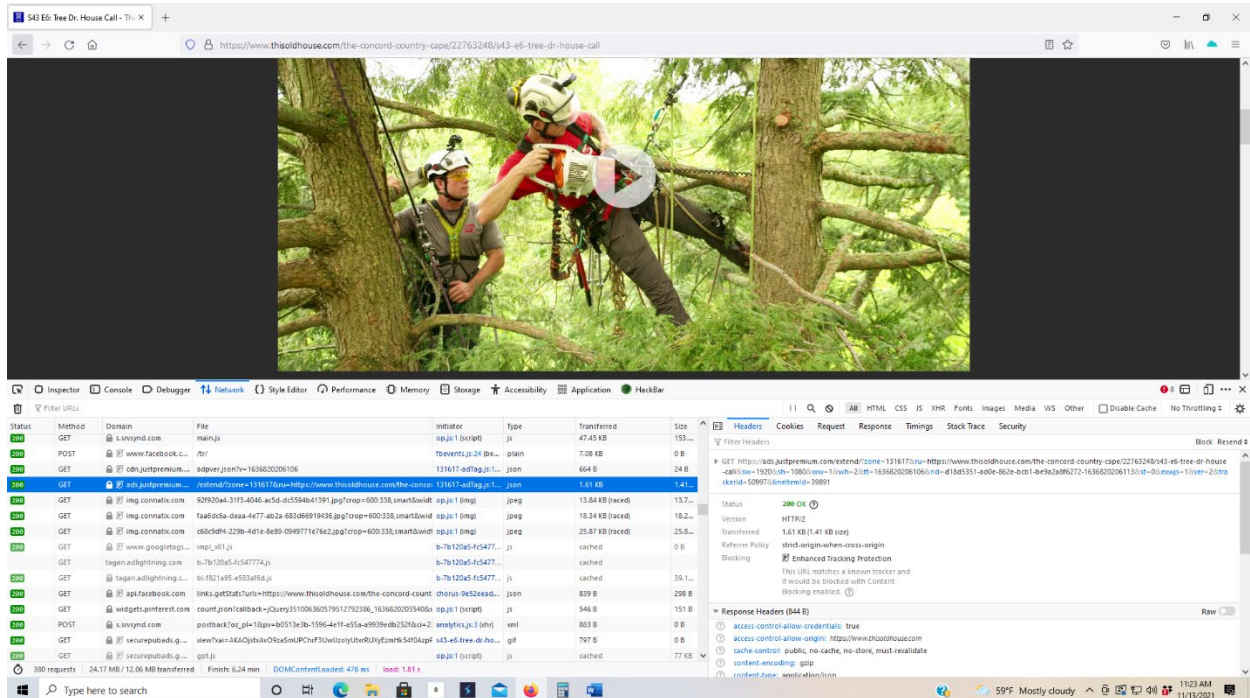
geographic location of the advertising server (e.g., on information and belief, the host name will resolve an IP address of an advertising server that is geographically close to the client device) as demonstrated by the examples provided below:



See e.g., <https://www.thisoldhouse.com/>.

200. The one or more files, when processed by the client device, cause the client device to communicate with the identified one or more resources of the content

distribution network and the advertising server to cause the one or more segments of the stored video to be streamed to the client device by the identified one or more resources of the content distribution network and cause one or more advertisements to be streamed from the advertising server to the client device as demonstrated by the example provided below:



The screenshot shows a web browser window displaying a video of two individuals rappelling down a large tree. The browser's developer tools are open, showing the Network tab with a list of requests. The selected request is from 'cdn.jurtpremium.com' with a status of 200. The Headers tab is also visible, showing various response headers such as 'accept-ranges: bytes', 'access-control-allow-origin: *', and 'date: Fri, 12 Nov 2021 10:55:08 GMT'.

The screenshot shows the 'This Old House' website. The browser's developer tools are open, showing the Network tab with a list of requests. The selected request is from 'cdn.vox-cdn.com' with a status of 200. The Headers tab is also visible, showing various response headers such as 'accept-ranges: bytes', 'access-control-allow-origin: *', and 'date: Fri, 12 Nov 2021 10:55:08 GMT'.

St...	M...	Domain	File	Initiator	Type	Transferred	Size
304	GET	cdn.concert.io	concert-concertce.2.8.0.min.js	script	js	cached	0 B
200	GET	cdn.vox-cdn.com	chorus-9e52eead5b7d1f1e2906.js	script	js	cached	0 B
	GET	cdn.vox-cdn.com	toh-android-192x192.0.png	FaviconLoader.jsm...	png	2.20 KB (tr...	2...
	GET	cdn.vox-cdn.com	toh-fav-32x32.0.png	FaviconLoader.jsm...	png	654 B (rac...	65...
304	GET	cdn.resonate.com	analytics.min.js	s20-e6-easier-plu...	js	cached	0 B
204	P...	www.google-analytic...	collect?v=2&tid=G-18g1m=2oeba18&p=72139	js:40 (beacon)	plain	412 B	0 B
304	GET	cdn.concert.io	ah1R0cHM6ly93d3cudGhpc29sZGhvdXNlMmNvb...	concert_ads.js2 (x...	json	cached	1...
200	GET	cdn.concert.io	client.json	concert_ads.js2 (x...	json	cached	27...
	GET	cdn.ampproject.org	amp4ads-v0.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-ad-exit-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-analytics-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-fit-text-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-form-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp4ads-v0.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-ad-exit-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-analytics-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-fit-text-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-form-0.1.mjs	b-7b120a5-fc5477...		cached	

21 requests | 81.65 KB / 3.24 KB transferred | Finish: 8.88 min | DOMContentLoaded: 615 ms | load: 2.10 s

Request Headers (428 B)

- Accept: */*
- Accept-Encoding: gzip, deflate, br
- Accept-Language: en-US,en;q=0.5
- Connection: keep-alive
- Host: cdn.vox-cdn.com
- Origin: https://www.thisoldhouse.com
- Referer: https://www.thisoldhouse.com/
- Sec-Fetch-Dest: script
- Sec-Fetch-Mode: cors
- Sec-Fetch-Site: cross-site
- User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0

See e.g., <https://www.thisoldhouse.com/>.

201. SITO has been damaged by the direct infringement of This Old House, and is suffering and will continue to suffer irreparable harm and damages as a result of this infringement.

Count XII - Infringement of United States Patent No. 10,171,846

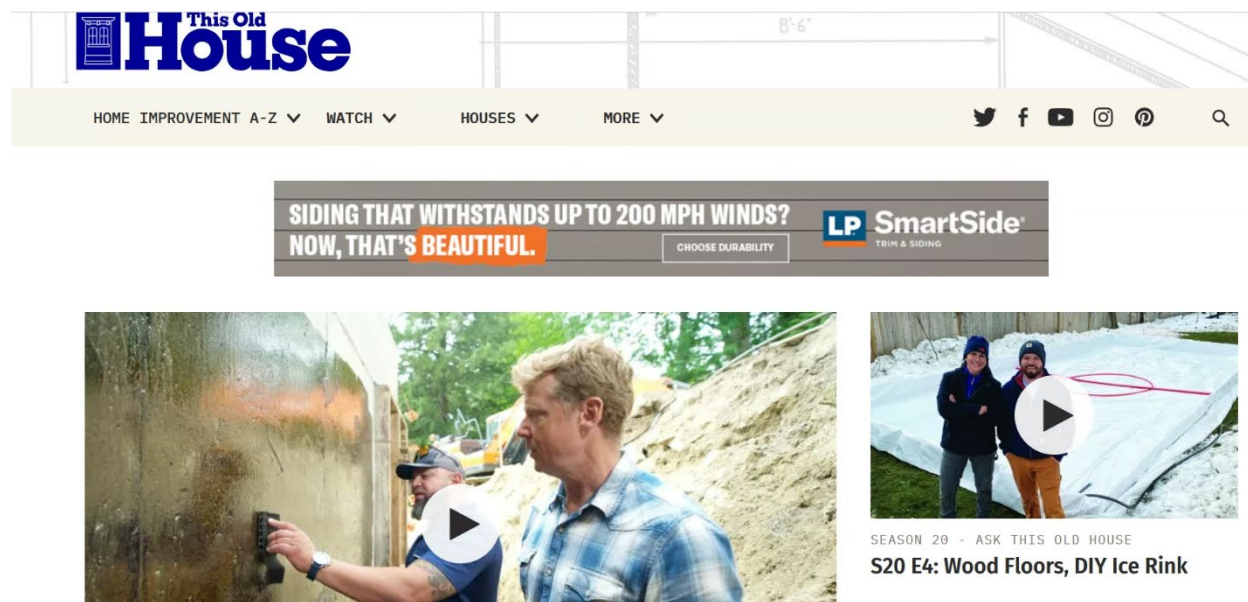
202. SITO alleges, and incorporates by reference, as if fully set forth here, the preceding paragraphs of this Complaint.

203. This Old House directly infringes (literally and/or under the doctrine of equivalents) the '846 patent by using the method covered by at least claim 1 of the '846 patent.

204. On information and belief, and without SITO's approval, authorization and license, This Old House owns, controls, operates and uses a system for streaming media that includes This Old House Streaming Platform, as well as other This Old House networks, systems, devices, components and/or services for streaming media,

that practices and infringes the media streaming method recited in at least claim 1 of the '846 patent.

205. This Old House performs a method for managing streaming of video content (*e.g.*, television program) to a client device (*e.g.*, personal computer, mobile device, and/or television) as demonstrated by the example provided below:



See *e.g.*, <https://www.thisoldhouse.com>.

206. This Old House provides the video content to a content distribution network (*e.g.*, content delivery network (CDN)) for storage in a plurality of geographically separated resources (*e.g.*, streaming servers located throughout the United States) of the content distribution network as demonstrated by the examples provided below:

The image displays two screenshots of a web browser's developer tools network tab. The top screenshot shows a list of network requests, with the selected request being a JavaScript file from cdn.vox-cdn.com. The bottom screenshot shows the same list with a different request selected, and the corresponding response and request headers are visible on the right.

Top Screenshot: Network Tab

St...	M...	Domain	File	Initiator	Type	Transferred	Size
304	GET	cdn.concert.io	concert-concierge.2.8.0.min.js	script	js	cached	0 B
200	GET	cdn.vox-cdn.com	chorus-9e52eead5b7d1f1e2906.js	script	js	cached	0 B
	GET	cdn.vox-cdn.com	toh-android-192x192.0.png	FaviconLoader.js...	png	2.20 KB (r...	2...
	GET	cdn.vox-cdn.com	toh-fav-32x32.0.png	FaviconLoader.js...	png	654 B (rac...	65...
304	GET	cdn.resonate.com	analytics.min.js	s20-e6-easier-plu...	js	cached	0 B
204	P...	www.google-analytic...	collect?v=2&tid=G-1>m=2oeba1&p=72139...	js:40 (beacon)	plain	412 B	0 B
304	GET	cdn.concert.io	ahR0ctHM6ly93d3cudGhpc29sZGhvdXNlMmNvb...	concert_ads.js2 (x...	json	cached	1...
200	GET	cdn.concert.io	client.json	concert_ads.js2 (x...	json	cached	27...
	GET	cdn.ampproject.org	amp4ads-v0.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-ad-exit-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-analytics-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-fit-text-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-form-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp4ads-v0.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-ad-exit-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-analytics-0.1.mjs	b-7b120a5-fc5477...		cached	

21 requests | 81.65 KB / 3.24 KB transferred | Finish: 8.88 min | DOMContentLoaded: 615 ms | load: 2.10 s

Bottom Screenshot: Network Tab

St...	M...	Domain	File	Initiator	Type	Transferred	Size
304	GET	cdn.concert.io	concert-concierge.2.8.0.min.js	script	js	cached	0 B
200	GET	cdn.vox-cdn.com	chorus-9e52eead5b7d1f1e2906.js	script	js	cached	0 B
	GET	cdn.vox-cdn.com	toh-android-192x192.0.png	FaviconLoader.js...	png	2.20 KB (r...	2...
	GET	cdn.vox-cdn.com	toh-fav-32x32.0.png	FaviconLoader.js...	png	654 B (rac...	65...
304	GET	cdn.resonate.com	analytics.min.js	s20-e6-easier-plu...	js	cached	0 B
204	P...	www.google-analytic...	collect?v=2&tid=G-1>m=2oeba1&p=72139...	js:40 (beacon)	plain	412 B	0 B
304	GET	cdn.concert.io	ahR0ctHM6ly93d3cudGhpc29sZGhvdXNlMmNvb...	concert_ads.js2 (x...	json	cached	1...
200	GET	cdn.concert.io	client.json	concert_ads.js2 (x...	json	cached	27...
	GET	cdn.ampproject.org	amp4ads-v0.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-ad-exit-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-analytics-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-fit-text-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-form-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp4ads-v0.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-ad-exit-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-analytics-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-fit-text-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-form-0.1.mjs	b-7b120a5-fc5477...		cached	

21 requests | 81.65 KB / 3.24 KB transferred | Finish: 8.88 min | DOMContentLoaded: 615 ms | load: 2.10 s

Response Headers (645 B)

- accept-ranges: bytes
- access-control-allow-origin: *
- age: 1522
- content-encoding: gzip
- content-length: 104581
- content-type: application/javascript
- date: Fri, 12 Nov 2021 10:55:08 GMT
- etag: "68ffff85dbb46113cb47efd342362"
- last-modified: Wed, 10 Nov 2021 16:19:23 GMT
- server: AmazonS3
- strict-transport-security: max-age=31536000
- vary: Accept-Encoding

Request Headers (428 B)

- Accept: */*
- Accept-Encoding: gzip, deflate, br
- Accept-Language: en-US,en;q=0.5
- Connection: keep-alive
- Host: cdn.vox-cdn.com
- Origin: https://www.thisoldhouse.com
- Referer: https://www.thisoldhouse.com/
- Sec-Fetch-Dest: script
- Sec-Fetch-Mode: cors
- Sec-Fetch-Site: cross-site
- User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0

See e.g., <https://www.thisoldhouse.com/>.

207. On information and belief, This Old House dynamically selects one or more advertisement media clips (e.g., targeted advertisement(s)) based on statistical information (e.g., user interest/behavior, demographics) associated with a user of the client device.

Targeted Advertising

In order to serve offers and advertisements that may be of interest to our users, we display targeted advertisements on the Services, or other digital properties or applications in conjunction with our content, based on information provided to us by our users and information provided to us by third parties that they have independently collected.

See e.g., <https://www.thisoldhouse.com/pages/privacy-notice>

208. A server receives, from the client device (e.g., personal computer, mobile device, and/or television) via a packet-based telecommunication network (e.g., the Internet), signaling (e.g., GET request) to have the stored video content streamed to the client device as demonstrated by the example provided below:

The screenshot displays a video player at the top showing two men in a workshop. Below the video is the browser's developer tools interface, specifically the Network tab. The network log shows a list of requests. The selected request is a GET request to `https://x-default-stg.ec.uplynk.com/ausw/slices/f16/7d44d8cebd184751b43edb3c8c8bdd44/f16163dbd27b4924a11e5e7c245ba91c/F0000059.ts?pbs=273d6cb0f31492b9b4c087d750ea5966xcloud-aws%si-0`. The response headers for this request are visible on the right side of the interface.

St...	M...	Domain	File	Initiator	Type	Transferred	Size
200	GET	content-aws2-up-1.upl...	f.m3u8?pbs=273d6cb0f31492b9b4c087d750ea...	zypeplayer.js:39 (f...	vnd.apple.mp...	2.15 KB	1...
200	GET	x-default-stg.ec.uplynk.c...	F0000056.ts?pbs=273d6cb0f31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...
200	GET	pubads.g.doubleclick...	ads?slotname=/142694468/zype_video&sz=640...	bridge3.489.0_en...	xml	5.34 KB	2...
200	GET	x-default-stg.ec.uplynk.c...	F0000058.ts?pbs=273d6cb0f31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...
204	P...	csi.gstatic.com	csi?v=2&sz=ima&puid=2-kw05iq57&rc=5392206	bridge3.489.0_en...	gif	390 B	0 B
200	GET	securepubads.g.dou...	view?xai=AKA0jstHir_HLTO7CiuoyLLokODXSbl8	bridge3.489.0_en...	gif	797 B	0 B
204	P...	csi.gstatic.com	csi?v=2&sz=ima&puid=2-kw05iq70&rc=5392206	ima3.js:98 (beacon)	gif	390 B	0 B
302	GET	redirector.gvt1.com	file.webm	media	webm	3.46 MB	3...
206	GET	r11--sn-q4flrns1.gvt1.com	file.webm	media	webm	3.46 MB	3...
200	GET	x-default-stg.ec.uplynk.c...	F0000059.ts?pbs=273d6cb0f31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stg.ec.uplynk.c...	F000005A.ts?pbs=273d6cb0f31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stg.ec.uplynk.c...	F000005B.ts?pbs=273d6cb0f31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.81 MB	1...
200	GET	pubads.g.doubleclick...	/pagead/interaction/?ai=BvUNni96RVb31Ebagr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	securepubads.g.dou...	view?xai=AKA0jssx-LpLBWjIjHzAWcfct5GBW5s'	bridge3.489.0_en...	gif	797 B	0 B
200	GET	pubads.g.doubleclick...	/pagead/interaction/?ai=BvUNni96RVb31Ebagr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction/?ai=BvUNni96RVb31Ebagr...	bridge3.489.0_en...	gif	760 B	4...

Response Headers (582 B)

- accept-ranges: bytes
- access-control-allow-origin: *
- age: 879089
- cache-control: no-cache
- content-length: 1922688
- content-type: application/octet-stream
- date: Mon, 15 Nov 2021 04:14:03 GMT
- etag: "6d0c084c3b33c0ea834ca8af90ac660"
- expires: Mon, 15 Nov 2021 04:14:02 GMT
- last-modified: Wed, 03 Nov 2021 19:56:17 GMT
- server: ECACC (daa/7D7D)
- x-amz-id-2: LixScqSjBUxZLlPfdVx+O++HjSodmOQTIAA8Aqy8jJqbymqkSv8NixT9eKfqtgm

The screenshot displays the Network tab of a web browser's developer tools. The top portion shows a video player interface with a person's hands working on a small object. Below the video, the Network tab is active, showing a list of requests. The selected request is a GET request to a video file from a CDN. The right-hand pane shows the request headers for this selected request.

St...	M...	Domain	File	Initiator	Type	Transferred	Size
200	GET	content-ausw2-up-1.upl...	f:m3u8?pbs=273d6cb0fc31492b9b4c087d750ea...	zypeplayer.js:39 (f...	vnd.apple.mp...	2.15 KB	1...
200	GET	x-default-stgce.uplynk.c...	F0000056.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...
200	GET	pubads.g.doubleclick...	ads?slotname=/142694468/zype_video8sz=640...	bridge3.489.0_en...	xml	5.34 KB	2...
200	GET	x-default-stgce.uplynk.c...	F0000058.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.82 MB	1...
204	P...	csi.gstatic.com	csi?v=28s=ima&puid=2-kw05iq57&c=5392206	bridge3.489.0_en...	gif	390 B	0 B
200	GET	securepubads.g.dou...	view?xai=AKAOjstHr_HLTOT7GUYoLokODXsbl8	bridge3.489.0_en...	gif	797 B	0 B
204	P...	csi.gstatic.com	csi?v=28s=ima&puid=2-kw05iq70&c=5392206	ima3.js:98 (beacon)	gif	390 B	0 B
302	GET	redirector.gvt1.com	file.webm	media	webm	3.46 MB	3...
206	GET	r1---sn-q4flmrlg.v1.com	file.webm	media	webm	3.46 MB	3...
200	GET	x-default-stgce.uplynk.c...	F0000059.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgce.uplynk.c...	F000005A.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgce.uplynk.c...	F000005B.ts?pbs=273d6cb0fc31492b9b4c087d...	zypeplayer.js:39 (f...	octet-stream	1.81 MB	1...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RVb31Ebacgr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	securepubads.g.dou...	view?xai=AKAOjssx-LpLbWjIbHZAWdFctSGbW5'	bridge3.489.0_en...	gif	797 B	0 B
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RVb31Ebacgr...	bridge3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RVb31Ebacgr...	bridge3.489.0_en...	gif	760 B	4...

Request Headers (537 B)

- Accept: */*
- Accept-Encoding: gzip, deflate, br
- Accept-Language: en-US,en;q=0.5
- Connection: keep-alive
- Host: x-default-stgceuplynk.com
- Origin: https://player.zype.com
- Referer: https://player.zype.com/
- Sec-Fetch-Dest: empty
- Sec-Fetch-Mode: cors
- Sec-Fetch-Site: cross-site
- User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0

209. In response to the received signaling, a server transmits to the client device, via the packet-based telecommunication network and in one or more files (*e.g.*, M3U8 file(s)) having a format compatible with a media player on the client device, an identification (*e.g.*, host name) of one or more of the resources (*e.g.*, streaming server(s)) of the content distribution network available to facilitate streaming of one or more segments of the stored video content to the client device, the identification being dependent at least in part on a relationship between a geographic location of the client device and geographic locations of the resources of the content distribution network (*e.g.*, the host name will resolve an IP address of a streaming server of a CDN that is geographically close to the client device) as demonstrated by the examples provided below:

Inspector Console Debugger Network Style Editor Performance Memory Storage Accessibility Application

m3u8

St...	M...	Domain	File	Initiator	Type	Transferred	Size	Headers	Cookies	Request	Response	Timings	Stack Trace	Security	
200	GET	content-ause2-up-1.uply...	3mQZCY8dVDNBR4NhEmgm01Hkqgy4xgyhroMC	zyplayer.js:39 (fe...	vnd.apple.mp...	1.11 KB	2...	Filter Headers							Block, Resend
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	GET https://content-ause2-up-1.uplynk.com/f16163dbd27b4924a11e5e7c245ba91c/fm3u8?pbs=6d745150acb84afe94a67bafba1287e9							
200	GET	content-ause2-up-1.uply...	e.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Status: 200 OK	Version: HTTP/2	Transferred: 2.16 KB (145.13 KB size)	Referrer Policy: strict-origin-when-cross-origin				
200	GET	content-ause2-up-1.uply...	c.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.15 KB	14...	Response Headers (466 B)							
200	GET	content-ause2-up-1.uply...	d.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	access-control-allow-origin: *	cache-control: no-cache, no-store	content-encoding: br	content-length: 1741	content-type: application/vnd.apple.mpegurl	date: Mon, 15 Nov 2021 09:51:29 GMT	referrer-policy: no-referrer-when-downgrade	server: nginx
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	strict-transport-security: max-age=31536000; includeSubDomains	x-content-type-options: nosniff	X-Firefox-Spdy: h2	x-services: 587a912103da4585aedaa582fe1b5eac	x-xss-protection: 1; mode=block			
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...								
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...								
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...								
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...								

Inspector Console Debugger Network Style Editor Performance Memory Storage Accessibility Application

m3u8

St...	M...	Domain	File	Initiator	Type	Transferred	Size	Headers	Cookies	Request	Response	Timings	Stack Trace	Security	
200	GET	content-ause2-up-1.uply...	3mQZCY8dVDNBR4NhEmgm01Hkqgy4xgyhroMC	zyplayer.js:39 (fe...	vnd.apple.mp...	1.11 KB	2...	Filter Headers							Block, Resend
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	content-type: application/vnd.apple.mpegurl	date: Mon, 15 Nov 2021 09:51:29 GMT	referrer-policy: no-referrer-when-downgrade	server: nginx				
200	GET	content-ause2-up-1.uply...	e.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	strict-transport-security: max-age=31536000; includeSubDomains	x-content-type-options: nosniff	X-Firefox-Spdy: h2	x-services: 587a912103da4585aedaa582fe1b5eac	x-xss-protection: 1; mode=block			
200	GET	content-ause2-up-1.uply...	c.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.15 KB	14...	Request Headers (470 B)							
200	GET	content-ause2-up-1.uply...	d.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Accept: */*	Accept-Encoding: gzip, deflate, br	Accept-Language: en-US,en;q=0.5	Connection: keep-alive	Host: content-ause2-up-1.uplynk.com	Origin: https://player.zype.com	Referer: https://player.zype.com/v	Sec-Fetch-Dest: empty
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...	Sec-Fetch-Mode: cors	Sec-Fetch-Site: cross-site	TE: trailers	User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0				
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...								
200	GET	content-ause2-up-1.uply...	a.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...								
200	GET	content-ause2-up-1.uply...	b.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...								
200	GET	content-ause2-up-1.uply...	f.m3u8?pbs=6d745150acb84afe94a67bafba1287e	zyplayer.js:39 (fe...	vnd.apple.mp...	2.16 KB	14...								

11 requests | 1.42 MB / 22.66 KB transferred | Finish: 8.88 min | DOMContentLoaded: 615 ms | load: 2.10 s

The screenshot shows a network log with multiple GET requests to 'content-ause2-up-1.uplynk.com'. The selected request shows a response with a 'Response Payload' containing metadata for an M3U playlist, including 'EXTM3U', 'EXT-X-VERSION:5', 'EXT-X-TARGETDURATION:8', and several 'EXT-X-KEY' entries with AES-128 encryption keys and URIs.

See e.g., <https://www.thisoldhouse.com/>.

Location-Identifying Technologies

GPS, WiFi, Bluetooth, and other location-aware technologies may be used to collect precise location data when you enable location-based services through your device. Location data may be used for purposes such as verifying your device’s location and delivering or restricting relevant content and advertising based on that location.

See e.g., <https://www.thisoldhouse.com/pages/privacy-notice>

The screenshot shows a network log with requests to 'cdn.concert.io' and 'cdn.fox-cdn.com'. The selected request to 'cdn.fox-cdn.com' shows a response with 'Status: 200 OK' and several response headers including 'access-control-allow-origin: *', 'age: 1522', 'content-encoding: gzip', 'content-length: 104581', 'content-type: application/javascript', 'date: Fri, 12 Nov 2021 10:55:08 GMT', 'etag: "68ff885dbb4f6113cbf47ef342362"', 'last-modified: Wed, 10 Nov 2021 16:19:23 GMT', 'server: AmazonS3', 'strict-transport-security: max-age=31536000', and 'vary: Accept-Encoding'.

St...	M...	Domain	File	Initiator	Type	Transferred	Size
304	GET	cdn.concert.io	concert-concertge.2.8.0.min.js	script	js	cached	0 B
200	GET	cdn.vox-cdn.com	chorus-9e52eead5b7d1f1e2906.js	script	js	cached	0 B
	GET	cdn.vox-cdn.com	toh-android-192x192.0.png	FaviconLoader.jsm...	png	2.20 KB (t...	2...
	GET	cdn.vox-cdn.com	toh-fav-32x32.0.png	FaviconLoader.jsm...	png	654 B (rac...	65...
304	GET	cdn.resonate.com	analytics.min.js	s20-e6-easier-plu...	js	cached	0 B
204	P...	www.google-analytic...	collect?v=2&tid=G-18g1m=2oeba18&p=72139	js:40 (beacon)	plain	412 B	0 B
304	GET	cdn.concert.io	ahR0cHM6ly93d3cudGhpc29sZGhvdXNlMmNvb...	concert_ads.js2 (x...	json	cached	1...
200	GET	cdn.concert.io	client.json	concert_ads.js2 (x...	json	cached	27...
	GET	cdn.ampproject.org	amp4ads-v0.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-ad-exit-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-analytics-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-fit-text-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-form-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp4ads-v0.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-ad-exit-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-analytics-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-fit-text-0.1.mjs	b-7b120a5-fc5477...		cached	
	GET	cdn.ampproject.org	amp-form-0.1.mjs	b-7b120a5-fc5477...		cached	

21 requests | 81.65 KB / 3.24 KB transferred | Finish: 8.88 min | DOMContentLoaded: 615 ms | load: 2.10 s

Request Headers (428 B)

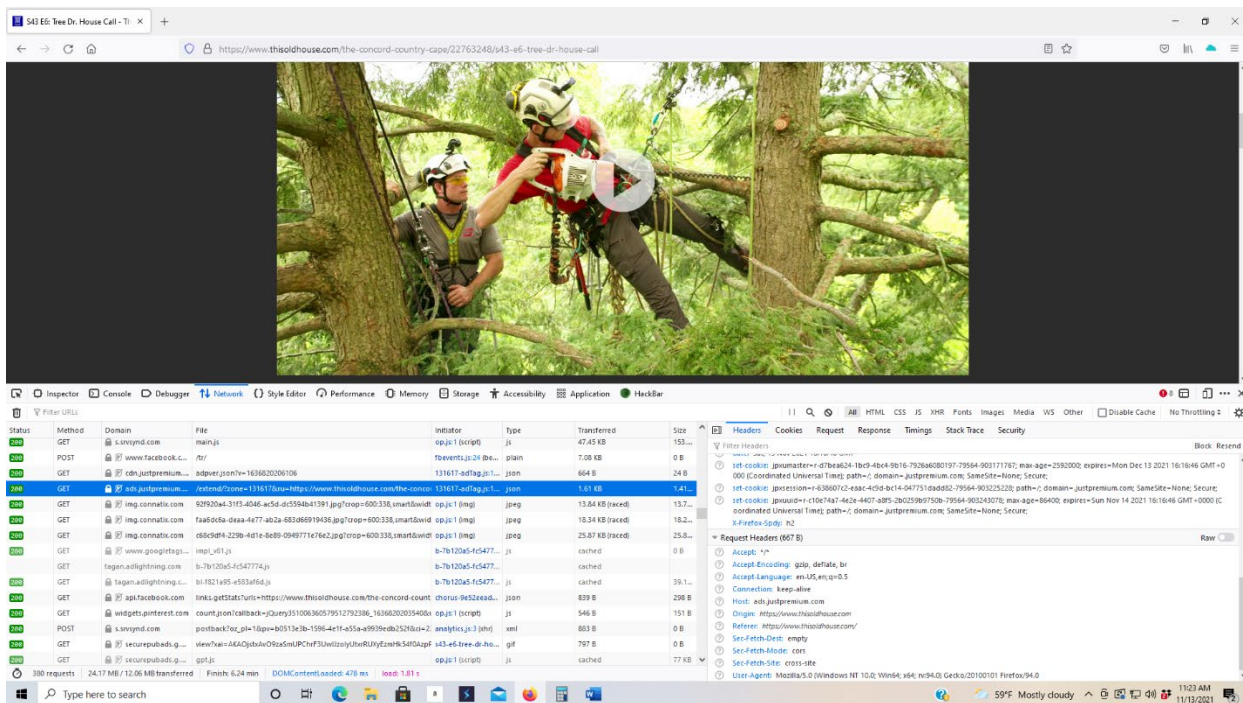
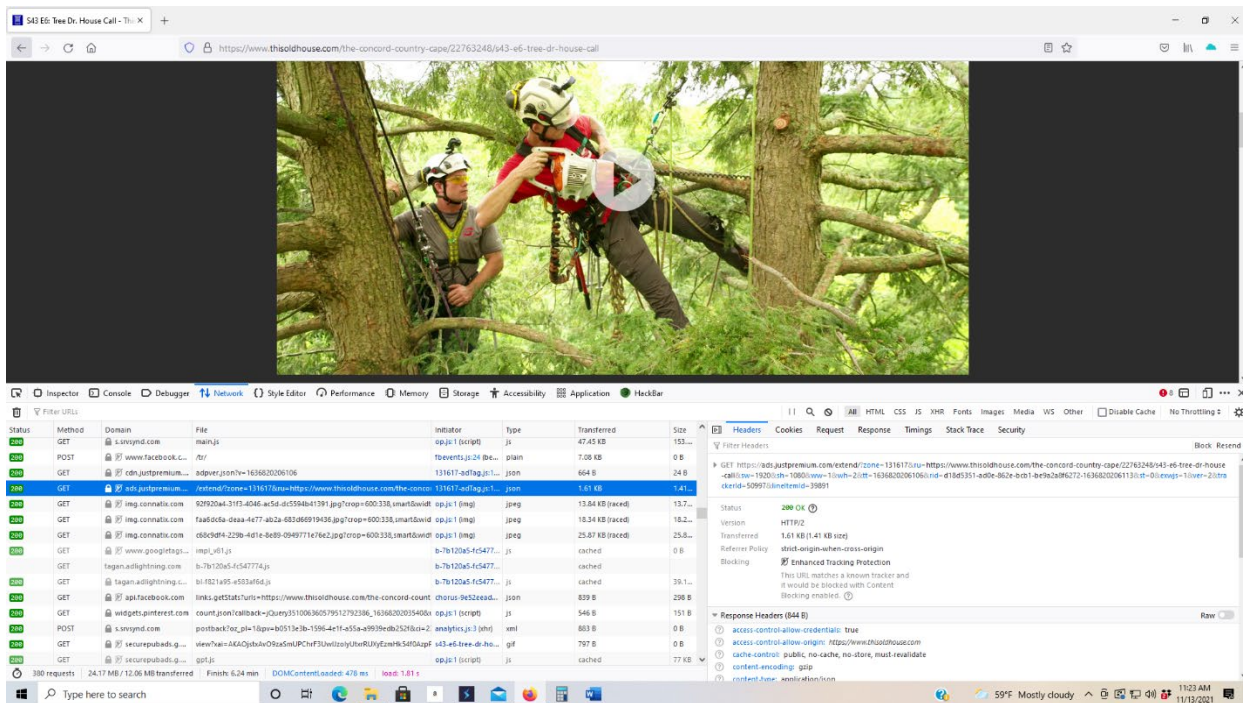
- Accept: */*
- Accept-Encoding: gzip, deflate, br
- Accept-Language: en-US,en;q=0.5
- Connection: keep-alive
- Host: cdn.vox-cdn.com
- Origin: https://www.thisoldhouse.com
- Referer: https://www.thisoldhouse.com/
- Sec-Fetch-Dest: script
- Sec-Fetch-Mode: cors
- Sec-Fetch-Site: cross-site
- User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0

See e.g., <https://www.thisoldhouse.com/>.

210. In response to the received signaling, a server transmits to the client device, via the packet-based telecommunication network and in one or more files (e.g., M3U8 file(s)) having a format compatible with a media player on the client device, an identification (e.g., host name) of an advertising server, the identification of the advertising server being dependent at least in part on a relationship between the geographic location of the client device and a geographic location of the advertising server (e.g., on information and belief, the host name will resolve an IP address of an advertising server that is geographically close to the client device) as demonstrated by the examples provided below:

The screenshot shows a web browser window with the URL <https://www.thisoldhouse.com/the-concord-country-cape/22763248/s43-e6-tree-dr-house-call>. The page features a video player showing a man in a white shirt measuring a wooden beam with a yellow tape measure. Below the video player is a network inspector window. The network inspector shows a list of requests, with the selected request being a GET to `content-allow-up-1.aplynk.com/7222e8d37954c9b005a0cbb07e197f63d3f8b-cd4ee44bae4459a4b40b2c9f003`. The response headers for this request include `access-control-allow-origin: *`, `cache-control: no-cache, no-store`, `content-encoding: br`, `content-length: 1222`, `content-type: application/vnd.apple.mpegurl`, `date: Fri, 12 Nov 2021 16:16:45 GMT`, `referrer-policy: no-referrer-when-downgrade`, `server: nginx`, `strict-transport-security: max-age=31536000; includeSubDomains`, and `x-content-type-options: nosniff`.

The screenshot shows a web browser window with the URL <https://www.thisoldhouse.com/the-concord-country-cape/22763248/s43-e6-tree-dr-house-call>. The page features a video player showing a man in a white shirt measuring a wooden beam with a yellow tape measure. Below the video player is a network inspector window. The network inspector shows a list of requests, with the selected request being a GET to `content-allow-up-1.aplynk.com/7222e8d37954c9b005a0cbb07e197f63d3f8b-cd4ee44bae4459a4b40b2c9f003`. The request headers for this request include `strict-transport-security: max-age=31536000; includeSubDomains`, `x-content-type-options: nosniff`, `x-firefox-spdy: h2`, `x-request-id: d16d704b2317a3a3a82c29205a740b`, and `x-webkit-protection: 1; mode=block`. The response headers for this request include `Accept: */*`, `Accept-Encoding: gzip, deflate, br`, `Accept-Language: en-US,en;q=0.5`, `Connection: keep-alive`, `Host: content-allow-up-1.aplynk.com`, `Origin: https://player.zgpc.com`, `Referer: https://player.zgpc.com/`, `Sec-Fetch-Dest: empty`, `Sec-Fetch-Mode: cors`, `Sec-Fetch-Site: cross-site`, and `Tr: trailers`. The user agent is identified as `Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv94.0) Gecko/20100101 Firefox/94.0`.



See e.g., <https://www.thisoldhouse.com>.

211. The one or more files, when processed by the client device, cause the client device to communicate with the identified one or more resources of the content

distribution network and the advertising server to cause the one or more segments of the stored video to be streamed to the client device by the identified one or more resources of the content distribution network and cause the one or more selected advertisement media clips to be streamed from the advertising server to the client device as demonstrated by the examples provided below:

The image shows a video player interface at the top with a play button, volume icon, and a progress bar at 0:13 / 0:30. The video content is a blue-tinted advertisement featuring a 3D wireframe of a server rack with a glowing green cylinder in front of it. Below the video player is a browser's developer tools window, specifically the Network tab. The network log shows a series of requests, with the selected request being a GET to a file.webm resource from r1---sn-q4flrns1.gvt1.com. The right-hand pane shows the response headers for this request, including 'Accept-Ranges: bytes', 'Alt-Svc', 'Cache-Control: private, max-age=21300', 'Connection: close', and 'Content-Length: 3625758'.

St.	M.	Domain	File	Initiator	Type	Transferred	Size
204	P...	csi.gstatic.com	csi?v=28&s=ima&puid=2--kw05iq70&c=5392206	ima3.js-98 (beacon)	gif	390 B	0 B
302	GET	redirector.gvt1.com	file.webm	media	webm	3.46 MB	3...
206	GET	r1---sn-q4flrns1.gvt1.com	file.webm	media	webm	3.46 MB	3...
200	GET	x-default-stg.ec.uplynk.c...	F00000059.ts?pbs=273d6cb0fc31492b9b4c087d	zypeplayer.js-39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stg.ec.uplynk.c...	F0000005A.ts?pbs=273d6cb0fc31492b9b4c087d	zypeplayer.js-39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stg.ec.uplynk.c...	F0000005B.ts?pbs=273d6cb0fc31492b9b4c087d	zypeplayer.js-39 (f...	octet-stream	1.81 MB	1...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RYb31Ebacgr	bridge3.489_0_en...	gif	760 B	4...
200	GET	securepubads.g.dou...	view?zai=AKAJsxx-LplbWjbbH2AWcftc5GBW5*	bridge3.489_0_en...	gif	797 B	0 B
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RYb31Ebacgr	bridge3.489_0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RYb31Ebacgr	bridge3.489_0_en...	gif	760 B	4...
200	GET	pagead2.google synd...	activeview?zai=AKAJsuntZRN3JF1GdJL554r87Ei	bridge3.489_0_en...	gif	561 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RYb31Ebacgr	bridge3.489_0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RYb31Ebacgr	bridge3.489_0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RYb31Ebacgr	bridge3.489_0_en...	gif	760 B	4...
200	P...	capiconnatx.com	st?v=138232	connatix.playspace...	form-data	301 B	0 B
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RYb31Ebacgr	bridge3.489_0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclick...	/pagead/interaction?ai=BvUNni96RYb31Ebacgr	bridge3.489_0_en...	gif	760 B	4...

Advertisement: (00:16)

0:13 / 0:30

St.	M...	Domain	File	Initiator	Type	Transferred	Size
302	GET	redirector.gvt1.com	file.webm	media	webm	3.46 MB	3...
206	GET	r1---sn-q4flmsl.gvt1.com	file.webm	media	webm	3.46 MB	3...
200	GET	x-default-stgcp.uplynk.c...	F0000059.ts?pbs=273d6cb0fc31492b9b4c087d	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgcp.uplynk.c...	F000005A.ts?pbs=273d6cb0fc31492b9b4c087d	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgcp.uplynk.c...	F000005B.ts?pbs=273d6cb0fc31492b9b4c087d	zypeplayer.js:39 (f...	octet-stream	1.81 MB	1...
200	GET	pubads.g.doubleclickl...	/pagead/interaction/?ai=BvUNni96RYb31Ebacgr	bridge3.489.0_en...	gif	760 B	4...
200	GET	securepubads.g.dou...	view?xai=AKAOjssx-LpLbWjibHZAWcftct5GbWs'	bridge3.489.0_en...	gif	797 B	0 B
200	GET	pubads.g.doubleclickl...	/pagead/interaction/?ai=BvUNni96RYb31Ebacgr	bridge3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclickl...	/pagead/interaction/?ai=BvUNni96RYb31Ebacgr	bridge3.489.0_en...	gif	760 B	4...
200	GET	pubads2.googlesynd...	activeview?xai=AKAOjsuntZRN3JF1GdJL554r7Ei	bridge3.489.0_en...	gif	561 B	4...
200	GET	pubads.g.doubleclickl...	/pagead/interaction/?ai=BvUNni96RYb31Ebacgr	bridge3.489.0_en...	gif	760 B	4...
200	GET	pubads2.googlesynd...	activeview?xai=AKAOjsuntZRN3JF1GdJL554r7Ei	bridge3.489.0_en...	gif	561 B	4...
200	P...	capiconnati.com	st?v=138232	connatix.playspace...	form-data	301 B	0 B
200	GET	pubads.g.doubleclickl...	/pagead/interaction/?ai=BvUNni96RYb31Ebacgr	bridge3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclickl...	/pagead/interaction/?ai=BvUNni96RYb31Ebacgr	bridge3.489.0_en...	gif	760 B	4...
200	P...	capiconnati.com	st?v=138232	connatix.playspace...	form-data	301 B	0 B

Filter Headers

- Accept-Ranges: bytes
- Alt-Svc: h3=":443"; ma=2592000,h3-29=":443"; ma=2592000,h3-Q050=":443"; ma=2592000,h3-Q046=":443"; ma=2592000,h3-Q043=":443"; ma=2592000,quic=":443"; ma=2592000; v="46,43"
- Cache-Control: private, max-age=21300
- Connection: close
- Content-Length: 3625758
- Content-Range: bytes 0-3625757/3625758
- Content-Type: video/webm
- Date: Mon, 15 Nov 2021 04:14:03 GMT
- Expires: Mon, 15 Nov 2021 04:14:03 GMT
- Last-Modified: Thu, 19 Dec 2019 17:14:17 GMT
- Server: gvs 1.0
- Vary: Origin
- X-Content-Type-Options: nosniff

Request Headers (914 B)

- Accept: video/webm,video/ogg,video/*;q=0.9,application/ogg;q=0.7,audio/*;q=0.6,*/*;q=0.5
- Accept-Encoding: gzip, deflate, br

Advertisement: (00:16)

0:13 / 0:30

St.	M...	Domain	File	Initiator	Type	Transferred	Size
206	GET	r1---sn-q4flmsl.gvt1.com	file.webm	media	webm	3.46 MB	3...
200	GET	x-default-stgcp.uplynk.c...	F0000059.ts?pbs=273d6cb0fc31492b9b4c087d	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgcp.uplynk.c...	F000005A.ts?pbs=273d6cb0fc31492b9b4c087d	zypeplayer.js:39 (f...	octet-stream	1.83 MB	1...
200	GET	x-default-stgcp.uplynk.c...	F000005B.ts?pbs=273d6cb0fc31492b9b4c087d	zypeplayer.js:39 (f...	octet-stream	1.81 MB	1...
200	GET	pubads.g.doubleclickl...	/pagead/interaction/?ai=BvUNni96RYb31Ebacgr	bridge3.489.0_en...	gif	760 B	4...
200	GET	securepubads.g.dou...	view?xai=AKAOjssx-LpLbWjibHZAWcftct5GbWs'	bridge3.489.0_en...	gif	797 B	0 B
200	GET	pubads.g.doubleclickl...	/pagead/interaction/?ai=BvUNni96RYb31Ebacgr	bridge3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclickl...	/pagead/interaction/?ai=BvUNni96RYb31Ebacgr	bridge3.489.0_en...	gif	760 B	4...
200	GET	pubads2.googlesynd...	activeview?xai=AKAOjsuntZRN3JF1GdJL554r7Ei	bridge3.489.0_en...	gif	561 B	4...
200	GET	pubads.g.doubleclickl...	/pagead/interaction/?ai=BvUNni96RYb31Ebacgr	bridge3.489.0_en...	gif	760 B	4...
200	GET	pubads2.googlesynd...	activeview?xai=AKAOjsuntZRN3JF1GdJL554r7Ei	bridge3.489.0_en...	gif	561 B	4...
200	P...	capiconnati.com	st?v=138232	connatix.playspace...	form-data	301 B	0 B
200	GET	pubads.g.doubleclickl...	/pagead/interaction/?ai=BvUNni96RYb31Ebacgr	bridge3.489.0_en...	gif	760 B	4...
200	GET	pubads.g.doubleclickl...	/pagead/interaction/?ai=BvUNni96RYb31Ebacgr	bridge3.489.0_en...	gif	760 B	4...
200	P...	capiconnati.com	st?v=138232	connatix.playspace...	form-data	301 B	0 B
200	P...	capiconnati.com	st?v=138232	connatix.playspace...	form-data	301 B	0 B

Filter Headers

- Date: Mon, 15 Nov 2021 04:14:03 GMT
- Expires: Mon, 15 Nov 2021 04:14:03 GMT
- Last-Modified: Thu, 19 Dec 2019 17:14:17 GMT
- Server: gvs 1.0
- Vary: Origin
- X-Content-Type-Options: nosniff

Request Headers (914 B)

- Accept: video/webm,video/ogg,video/*;q=0.9,application/ogg;q=0.7,audio/*;q=0.6,*/*;q=0.5
- Accept-Encoding: gzip, deflate, br
- Accept-Language: en-US,en;q=0.5
- Connection: keep-alive
- Host: r1---sn-q4flmsl.gvt1.com
- Range: bytes=0-
- Referer: https://player.zype.com/
- Sec-Fetch-Dest: video
- Sec-Fetch-Mode: no-cors
- Sec-Fetch-Site: cross-site
- User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:94.0) Gecko/20100101 Firefox/94.0

393 requests 56.22 MB / 48.55 MB transferred Finish: 3.15 min DOMContentLoaded: 664 ms load: 9.22 s

See e.g., <https://www.thisoldhouse.com>.

212. SITO has been damaged by the direct infringement of This Old House, and is suffering and will continue to suffer irreparable harm and damages as a result of this infringement.

JURY DEMANDED

213. Pursuant to Federal Rule of Civil Procedure 38(b), SITO hereby requests a trial by jury on all issues so triable.

PRAYER FOR RELIEF

SITO respectfully requests this Court to enter judgment in SITO's favor and against This Old House as follows:

- a. finding that This Old House directly infringes, literally and/or under the doctrine of equivalents, one or more claims of each of the patents-in-suit;
- b. awarding SITO damages under 35 U.S.C. § 284, or otherwise permitted by law, including supplemental damages for any continued post-verdict infringement;
- c. awarding SITO pre-judgment and post-judgment interest on the damages award and costs;
- d. awarding costs of this action (including all disbursements) and attorney fees pursuant to 35 U.S.C. § 285, or as otherwise permitted by the law; and
- e. awarding such other costs and further relief that the Court determines to be just and equitable.

November 15, 2021

Of Counsel:

Ronald M. Daignault*
Chandran B. Iyer
Shailendra Maheshwari*
DAIGNAULT IYER LLP
8618 Westwood Center Drive, Suite 150
Vienna, VA 22182
rdaignault@daignaultiyer.com
cbiyer@daignaultiyer.com
smaheshwari@daignaultiyer.com

**Not admitted in Virginia*

Respectfully submitted,

/s/Stamatios Stamoulis
Stamatios Stamoulis (#4606)
Richard C. Weinblatt (#5080)
STAMOULIS & WEINBLATT LLC
800 N. West Street - Third Floor
Wilmington, DE 19801
(302) 999-1540
stamoulis@swdelaw.com
weinblatt@swdelaw.com
Attorneys for Plaintiffs
SITO Mobile R&D IP, LLC and
SITO Mobile, Ltd.