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8					
9	UNITED STATES	DISTRICT CO	<b>MIRT</b>		
10 11	NORTHERN DISTRICT OF CALIFORNIA				
11					
12	EXELATE, INC. and)GRACENOTE, INC.)	Case No.			
14	) Plaintiffs, )	COMPLAIN	Г ГОР		
15 16		DECLARAT PATENT NO	ORY JUDGMENT OF NINFRINGEMENT		
10	) V. )	AND INVAL	IDITY		
18					
19	)				
20	FREE STREAM MEDIA CORP.d/b/a SAMBA TV				
21	)				
22	Defendant )				
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	COMPLAINT FOR DECLARATORY JUDGMENT OF PATENT NO CASE NO	DNINFRINGEMENT AND	Invalidity		

1	Plaintiffs eXelate, Inc. ("eXelate") and Gracenote, Inc. ("Gracenote")			
2	(collectively, "Plaintiffs") allege as follows for their Complaint for Declaratory			
3	Judgment against Free Stream Media Corp. d/b/a Samba TV ("Samba"):			
4	NATURE OF THE ACTION			
5	1. This is an action for declaratory judgment of noninfringement and			
6	invalidity of U.S. Patent Nos. 9,519,772 ("the '772 patent"); 10,142,377 ("the '377			
7	patent"); and 9,386,356 ("the '356 patent") (collectively, "the patents-in-suit")			
8	arising under the Declaratory Judgment Act, 28 U.S.C. §§ 2201 and 2202, and the			
9	patent laws of the United States, including Title 35 of the United States Code, §§ 1			
10	et seq.			
11	2. Plaintiffs seek a declaration that they do not infringe the patents-in-suit			
12	and that the patents-in-suit are invalid.			
13	3. An actual and justiciable controversy exists between Plaintiffs and			
14	Samba.			
15	THE PARTIES			
16	4. eXelate is a corporation organized and existing under the laws of the			
17	State of Delaware, with its principal place of business at 85 Broad Street, New			
18	York, New York, 10004.			
19	5. Gracenote is a corporation organized and existing under the laws of the			
20	state of Delaware, with its principal place of business at 2000 Powell Street, Suite			
21	1500, Emeryville, California, 94608.			
22	6. On information and belief, Samba is a corporation organized and			
23	existing under the laws of the State of Delaware, with a principal place of business			
24	at 528 Folsom Street, San Francisco, California, 94105.			
25	JURISDICTION AND VENUE			
26	7. This action arises under the Declaratory Judgment Act, 28 U.S.C. §§			
27	2201 and 2202, and the patent laws of the United States, 35 U.S.C. §§ 1 et seq. An			
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	COMPLAINT FOR DECLARATORY JUDGMENT OF PATENT NONINFRINGEMENT AND INVALIDITY CASE NO			

actual and justiciable controversy exists between Plaintiffs and Samba that requires
 a declaration by this Court.

- 8. This Court has subject matter jurisdiction over this action under 28
  U.S.C. §§ 1331, 1338(a) and 2201(a).
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9. This Court has personal jurisdiction over Samba because, among other things, Samba has continuous and systematic contacts with the State of California, including maintaining its headquarters at 528 Folsom Street, San Francisco,

8 California, 94105. Samba has purposefully availed itself of the privileges and

9 protections of the State of California in general, and this District in particular, by10 engaging in business here.

11 10. Samba has previously and voluntarily submitted to jurisdiction and
12 venue in this District. *See, e.g., Free Stream Media Corp. v. Alphonso Inc.*, Case
13 No. 3:17-cv-02107-RS (N.D. Cal.).

14 11. Venue in this District is proper under 28 U.S.C. §§ 1391(b) and (c).
15 Samba is subject to personal jurisdiction in this District and resides in this District.

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# **INTRADISTRICT ASSIGNMENT**

17 12. Pursuant to Civil L.R. 3-2(c) and 3-5(b), this is an Intellectual Property
18 Rights action subject to assignment on a district-wide basis.

# PATENTS-IN-SUIT

13. The '772 patent, entitled "Relevancy improvement through targeting of
information based on data gathered from a networked device associated with a
security sandbox of a client device," states on its face that it issued on December 13,
2016. A copy of the '772 patent is attached as Exhibit A.

14. The '377 patent, entitled "Relevancy improvement through targeting of
information based on data gathered from a networked device associated with a
security sandbox of a client device," states on its face that it issued on November 27,
2018. A copy of the '377 patent is attached as Exhibit B.

1	15. The '356 patent, entitled "Targeting with television audience data				
2	across multiple screens," states on its face that it issued on July 5, 2016. A copy of				
3	the '356 patent is attached as Exhibit C.				
4	FACTUAL BACKGROUND				
5	16. On May 21, 2019, Samba sent a letter ("Samba's Letter," attached				
6	hereto as Exhibit D) to Gracenote's counsel, stating as follows:				
7	I write on behalf of Free Stream Media Corp. d/b/a				
8	Samba TV ("Samba") to demand that Nielsen and Gracenote (1) stop using Samba's intellectual property,				
9	and (2) stop encouraging others to use the intellectual				
10	property. Nielsen and Gracenote's data management platform (DMP) and automatic content recognition				
11	(ACR) client software infringe (either directly or				
12	indirectly) Samba's patent portfolio, including U.S. Patent Nos. 9,519,772; 10,142,377; and 9,386,356.				
13	Nielsen's Marketing Cloud DMP generates audience				
14	models for targeted ad campaigns using, among other things, data from Gracenote's ACR client software. The				
15	platform incorporates the claimed features, including by				
16	using artificial intelligence, a "real-time technology" to "automate[] audience model creation and optimization."				
17	Nielsen and Gracenote induce others to make use of this				
18	platform and infringe Samba's patents – for example, through the integration of Gracenote's ACR client				
19	software into millions of TVs. Nielsen's unauthorized				
20	use of Samba's technology – which enables Nielsen to offer a platform that it claims to be "smarter and faster				
21	at responding to changes in consumer behavior" – must				
22	stop.				
23	17. The Nielsen Marketing Cloud DMP ("NMC") referenced in Samba's				
24	Letter is a suite of services offered by eXelate. "DMP" stands for "data				
25	management platform," and eXelate provides the output of the Nielsen Marketing				
26	Cloud DMP as a data-as-a-service offering to customers.				
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	COMPLAINT FOR DECLARATORY JUDGMENT OF PATENT NONINFRINGEMENT AND INVALIDITY CASE NO				

1 18. As shown above, Samba's Letter accuses Gracenote's automatic content
 2 recognition ("ACR") client software and eXelate's NMC (collectively, "the Accused
 3 Products") of infringing the patents-in-suit.

4 19. As also shown above, Samba's Letter expressly refers to the Accused
5 Products as an "unauthorized use of Samba's technology."

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20. As further shown above, Samba's Letter "demands" that eXelate and Gracenote "stop using Samba's intellectual property, and . . . stop encouraging others to use the intellectual property."

9 21. Samba's Letter expounds upon its infringement allegations, arguing that
eXelate's NMC "generates audience models for targeted ad campaigns using, among
other things, data from Gracenote's ACR client software . . . [and] incorporates the
claimed features [of Samba's patents] including by using artificial intelligence, a
13 'real-time technology' to 'automate audience model creation and optimization.'"

14 22. Gracenote's ACR system receives from televisions the IP addresses of
15 the televisions, and Gracenote then generates viewership data about programs being
16 displayed on those televisions. Gracenote licenses this viewership data to its
17 customers. Gracenote does not encourage, direct, or control its customers to take
18 any particular action regarding the viewership data.

eXelate receives a list of IP addresses from Gracenote and creates
 "segments," which are classifications of the IP addresses in various categories
 (demographic or otherwise). eXelate licenses these segments to its customers.
 eXelate does not encourage, direct, or control its customers to take any particular
 action regarding the segments.

24 24. In certain instances, Plaintiffs license both segments and viewership
25 data to their customers. Plaintiffs do not encourage, direct, or control their
26 customers to take any particular action regarding the segments and viewership data.

27 25. Despite the fact that Samba's letter specifically calls out "the
 28 integration of Gracenote's ACR client software into millions of TVs," Gracenote's
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ACR client software in televisions does not provide content or other data to
 secondary devices. Nor does Gracenote search for or provide targeted content to
 secondary devices.

4 26. eXelate does not provide content or other data to secondary devices.
5 Nor does eXelate search for or provide targeted content to secondary devices.

6 27. Plaintiffs have expended considerable effort and resources to design,
7 develop, test, produce, and license the Accused Products.

8 28. The accusations in Samba's Letter create a cloud over Plaintiffs'
9 businesses relating to the Accused Products.

29. As a result of Samba's allegations, there is an actual, immediate and
justiciable controversy between Samba and Plaintiffs regarding the infringement and
validity of the claims of the patents-in-suit. Declaratory judgment is necessary and
appropriate to determine the rights and obligations of Samba and Plaintiffs.

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# COUNT I

#### (Declaratory Judgment of Noninfringement of the '772 Patent)

30. Plaintiffs incorporate by reference all of the allegations set forth in each
of the preceding paragraphs of this Complaint as if fully set forth herein.

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31. Samba has asserted that it is the owner of the '772 patent.

32. Samba has asserted that the Accused Products infringe the '772 patent.

33. The Accused Products do not infringe any valid claim of the '772

patent, directly or indirectly, literally or under the doctrine of equivalents.

34. All claims of the '772 patent require "a relevancy-matching server to
match primary data generated from the preliminary data with targeted data based on
a relevancy factor and search a storage for targeted data" or "a relevancy-matching
server to match primary data generated using a preliminary data with targeted data,
based on a relevancy factor, and search a storage for targeted data."

35. The Accused Products do not contain the claimed relevancy-matching
 server, and thus, the Accused Products do not infringe any claim of the '772 patent.
 COMPLAINT FOR DECLARATORY JUDGMENT OF PATENT NONINFRINGEMENT AND INVALIDITY
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36. Moreover, the Accused Products do not search for or identify targeted data, nor do they match primary data with targeted data based on a relevancy factor.

3 37. All claims of the '772 patent also require "a client device capable of 4 being associated with the networked device to process an embedded object, 5 constrain an executable environment in a security sandbox, and execute a sandboxed application in the executable environment" or "a client device to associate with the 6 7 networked device, constrain an executable environment in a security sandbox, 8 execute a sandboxed application in the executable environment capable of bypassing 9 at least one access control of the security sandbox, and process in the sandboxed 10 application an embedded object from the relevancy-matching server." The Accused 11 Products do not contain these elements, and thus, the Accused Products do not infringe any claim of the '772 patent. In particular, for example, the Accused 12 13 Products do not use or incorporate a client device capable of being associated with a 14 networked device. Nor do the Accused Products use a security sandbox or execute 15 sandboxed applications.

16 38. All claims of the '772 patent also require "a content identification 17 server to process the preliminary data from the networked device and communicate 18 the primary data from the preliminary data to any of a number of devices with an 19 access to an identification data of at least one of the networked device and an 20 automatic content identification service of the networked device" or "a content 21 identification server to process the preliminary data from at least one of the 22 networked device and the client device, and communicate the primary data from the 23 preliminary data to any of a number of devices with access to an identification data 24 of at least one of the networked device and an automatic content identification 25 service of the networked device." The Accused Products do not contain these 26 elements, and thus, the Accused Products do not infringe any claim of the '772 27 patent. In particular, for example, the Accused Products do not communicate data to

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devices with access to identification data of a networked device or of an automatic
 content identification service of a networked device.

3 39. As a result of Samba's allegations against Plaintiffs, an actual and
4 justiciable case or controversy exits between Samba and Plaintiffs as to
5 noninfringement of the claims of the '772 patent.

40. Pursuant to the Declaratory Judgment Act, 28 U.S.C. §§ 2201 *et seq.*,
and to resolve the legal and factual questions raised by Samba and to afford
Plaintiffs relief from the uncertainty and controversy that Samba's allegations have
precipitated, Plaintiffs are entitled to a declaration that the Accused Products do not
infringe any claims of the '772 patent.

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#### (Declaratory Judgment of Invalidity of the '772 Patent)

**COUNT II** 

13 41. Plaintiffs incorporate by reference all of the allegations set forth in each
14 of the preceding paragraphs of this Complaint as if fully set forth herein.

42. On information and belief, Samba contends that all claims of the '772
patent are valid.

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43. Samba has asserted that the Accused Products infringe the '772 patent.

44. All claims of the '772 patent are invalid for failure to comply with at
least 35 U.S.C. §§ 101, 102, 103 and/or 112.

20 45. The '772 patent does not claim patent-eligible subject matter under 35 21 U.S.C. § 101. Unlike claims directed to solving particular technological problems, 22 the '772 patent does not claim any new solution, system or device. The claims of the '772 patent are directed to the abstract idea of "determining what a person is 23 24 watching on television and, based on that information, delivering other content – 25 such as an advertisement – to a mobile device also being used by that person." See 26 Free Stream Media Corp. v. Alphonso Inc., Case No. 17-cv-02107-RS, (N.D. Cal.), 27 Document 367, Order Granting Motion for Summary Judgment, Dec. 28, 2018. The

claims do not recite any inventive concept to transform the abstract idea into patent-1 2 eligible subject matter.

If the claims of the '772 patent are interpreted as broadly as Samba 3 46. 4 interprets them, they are invalid as anticipated or rendered obvious under 35 U.S.C. 5 §§ 102 and/or 103 in light of the prior art.

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47. In the chain of applications upon which priority is based on the face of the '772 patent, U.S. Patent Application No. 13/904,015, filed on May 28, 2013, is the earliest application that can be argued to disclose a "relevancy-matching server" 9 or any similar function. For at least the reason that all claims of the '772 patent 10 require a relevancy-matching server, May 28, 2013 is the earliest possible priority date to which the claims of the '772 patent are entitled.

12 48. The claims of the '772 patent are anticipated under 35 U.S.C. § 102 by 13 U.S. Patent Application Publication No. US 2010/0205628 A1 to Davis and 14 Rodriguez (including all references incorporated by reference therein) ("Davis"). 15 Davis was published on August 12, 2010 and is therefore prior art to all claims of 16 the '772 patent. Claim charts demonstrating how Davis anticipates the '772 patent 17 are attached hereto as Exhibit E.

18 49. In the alternative, the claims of the '772 patent are rendered obvious 19 under 35 U.S.C. § 103 by the combination of Davis with any or all of: (a) the 20 November 14, 2011 Oracle web page

21 https://docs.oracle.com/javase/tutorial/java/javaOO/objects.html; (b) Understanding 22 the Keys to Java security – the sandbox and authentication, JavaWorld, May 1,

23 1997 (https://www.javaworld.com/article/2076945/understanding-the-keys-to-java-

24 security----the-sandbox-authentication.html); and (c) the 2002 Oracle web page

25 https://docs.oracle.com/javase/7/docs/technotes/guides/security/spec/security-

26 specTOC.fm.html and its hyperlinked web pages. The claim charts in Exhibit E

27 demonstrate how these references render the '772 patent obvious.

So. As a result of Samba's allegations against Plaintiffs, an actual and
 justiciable case or controversy exists between Plaintiffs and Samba as to the validity
 of the claims of the '772 patent.

51. Pursuant to the Declaratory Judgment Act, 28 U.S.C. §§ 2201 *et seq.*,
and to resolve the legal and factual questions raised by Samba and to afford
Plaintiffs relief from the uncertainty and controversy that Samba's allegations have
precipitated, Plaintiffs are entitled to a declaration that the claims of the '772 patent
are invalid under one or more provisions of 35 U.S.C. §§ 101, 102, 103 and 112, or
other judicially created bases for invalidity. Such a declaration is necessary and
appropriate at this time to determine the rights and obligations of the parties.

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# (Declaratory Judgment of Noninfringement of the '377 Patent)

**COUNT III** 

13 52. Plaintiffs incorporate by reference all of the allegations set forth in each
14 of the preceding paragraphs of this Complaint as if fully set forth herein.

- 53. Samba has asserted that it is the owner of the '377 patent.
- 54. Samba has asserted that the Accused Products infringe the '377 patent.

17 55. The Accused Products do not infringe any valid claim of the '377
18 patent, directly or indirectly, literally or under the doctrine of equivalents.

All claims of the '377 patent require "a relevancy-matching server to 19 56. 20 receive primary data generated from fingerprint data of each of the plurality of 21 networked devices, match the primary data with targeted data based on a relevancy 22 factor, search a storage for the targeted data, and cause rendering of the targeted data 23 through the embedded object processed through the sandboxed application of the 24 client device, wherein the primary data is any one of a content identification data and a content identification history"; "through a relevancy-matching server, 25 receiving primary data generated from fingerprint data of each of the plurality of 26 27 networked devices, matching the primary data with targeted data based on a 28 relevancy factor, searching a storage for the targeted data, and causing rendering of COMPLAINT FOR DECLARATORY JUDGMENT OF PATENT NONINFRINGEMENT AND INVALIDITY CASE NO. \_\_\_\_

the targeted data through the embedded object processed through the sandboxed 1 2 application of the client device, wherein the primary data is any one of a content identification data and a content identification history"; or "through the relevancy-3 matching server, receive primary data generated from fingerprint data of each of the 4 5 plurality of networked devices, match the primary data with targeted data based on a 6 relevancy factor, search a storage for the targeted data, and cause rendering of the 7 targeted data through the embedded object processed through the sandboxed 8 application of the client device, wherein the primary data is any one of a content 9 identification data and a content identification history."

10 57. The Accused Products do not contain the claimed relevancy-matching
11 server, and thus, the Accused Products do not infringe any claim of the '377 patent.

12 58. Moreover, the Accused Products do not search for or identify targeted
13 data, nor do they match primary data with targeted data. Nor do those products
14 match primary data with targeted data based on a relevancy factor. Additionally, the
15 Accused Products do not render targeted data, through a sandboxed application or
16 otherwise.

59. 17 All the claims of the '377 patent also require "a client device capable of 18 being associated with a plurality of networked devices through a computer network 19 to process an embedded object, constrain an executable environment in a security 20 sandbox, and execute a sandboxed application in the executable environment, the 21 embedded object being processed through the sandboxed application"; "associating 22 a client device with a plurality of networked devices through a computer network; 23 processing an embedded object through the client device; constraining an executable 24 environment in a security sandbox of the client device; executing a sandboxed 25 application in the executable environment of the client device, the embedded object being processed through the sandboxed application"; or "associate the client device 26 27 with a plurality of networked devices through a computer network; process an 28 embedded object through the client device; constrain an executable environment in a COMPLAINT FOR DECLARATORY JUDGMENT OF PATENT NONINFRINGEMENT AND INVALIDITY CASE NO. \_\_\_\_

security sandbox of the client device; execute a sandboxed application in the 1 2 executable environment of the client device, the embedded object being processed through the sandboxed application." The Accused Products do not contain these 3 4 elements, and thus, the Accused Products do not infringe any claim of the '377 5 patent. In particular, for example, the Accused Products do not employ a client 6 device that is associated with, or that is capable of being associated with, a plurality 7 of networked devices. Nor do the Accused Products employ sandboxed applications of client devices. 8

9 60. As a result of Samba's allegations against Plaintiffs, an actual and
10 justiciable case or controversy exits between Samba and Plaintiffs as to
11 noninfringement of the claims of the '377 patent.

12 61. Pursuant to the Declaratory Judgment Act, 28 U.S.C. §§ 2201 *et seq.*,
13 and to resolve the legal and factual questions raised by Samba and to afford
14 Plaintiffs relief from the uncertainty and controversy that Samba's allegations have
15 precipitated, Plaintiffs are entitled to a declaration that the Accused Products do not
16 infringe any claims of the '377 patent.

#### **COUNT IV**

# (Declaratory Judgment of Invalidity of the '377 Patent)

19 62. Plaintiffs incorporate by reference all of the allegations set forth in each20 of the preceding paragraphs of this Complaint as if fully set forth herein.

21 63. On information and belief, Samba contends that all claims of the '377
22 patent are valid.

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64. Samba has asserted that the Accused Products infringe the '377 patent.

All claims of the '377 patent are invalid for failure to comply with at
least 35 U.S.C. §§ 101, 102, 103 and/or 112.

26 66. The '377 patent does not claim patent-eligible subject matter under 35
27 U.S.C. § 101. Unlike claims directed to solving particular technological problems,
28 the '377 patent does not claim any new solution, system or device. The claims of
COMPLAINT FOR DECLARATORY JUDGMENT OF PATENT NONINFRINGEMENT AND INVALIDITY
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the '377 patent are directed to the abstract idea of "determining what a person is
watching on television and, based on that information, delivering other content –
such as an advertisement – to a mobile device also being used by that person." *See Free Stream Media Corp. v. Alphonso Inc.*, Case No. 17-cv-02107-RS, (N.D. Cal.),
Document 367, Order Granting Motion for Summary Judgment, Dec. 28, 2018. The
claims do not recite any inventive concept to transform the abstract idea into patenteligible subject matter.

8 67. If the claims of the '377 patent are interpreted as broadly as Samba
9 interprets them, they are invalid as anticipated or rendered obvious under 35 U.S.C.
10 §§ 102 and/or 103 in light of the prior art.

11 68. In the chain of applications upon which priority is based on the face of
12 the '377 patent, U.S. Patent Application No. 13/904,015, filed on May 28, 2013, is
13 the earliest application that can be argued to disclose a "relevancy-matching server"
14 or any similar function. For at least the reason that all claims of the '377 patent
15 require a relevancy-matching server, May 28, 2013 is the earliest possible priority
16 date to which the claims of the '377 patent are entitled.

17 69. The claims of the '377 patent are anticipated under 35 U.S.C. § 102 by
18 Davis. Davis was published on August 12, 2010 and is therefore prior art to all
19 claims of the '377 patent. Claim charts demonstrating how Davis anticipates the
20 '377 patent are attached hereto as Exhibit E.

21 70. In the alternative, the claims of the '377 patent are rendered obvious
22 under 35 U.S.C. § 103 by the combination of Davis with any or all of: (a) the
23 November 14, 2011 Oracle web page

24 https://docs.oracle.com/javase/tutorial/java/javaOO/objects.html; (b) Understanding

25 *the Keys to Java security – the sandbox and authentication*, JavaWorld, May 1,

26 1997 (https://www.javaworld.com/article/2076945/understanding-the-keys-to-java-

27 || security----the-sandbox-authentication.html); and (c) the 2002 Oracle web page

28 https://docs.oracle.com/javase/7/docs/technotes/guides/security/spec/security-

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specTOC.fm.html and its hyperlinked web pages. The claim charts in Exhibit E 1 2 demonstrate how these references render the '377 patent obvious.

3 71. As a result of Samba's allegations against Plaintiffs, an actual and 4 justiciable case or controversy exists between Samba and Plaintiffs as to the validity 5 of the claims of the '377 patent.

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72. Pursuant to the Declaratory Judgment Act, 28 U.S.C. §§ 2201 et seq., 7 and to resolve the legal and factual questions raised by Samba and to afford 8 Plaintiffs relief from the uncertainty and controversy that Samba's allegations have 9 precipitated, Plaintiffs are entitled to a declaration that the claims of the '377 patent 10 are invalid under one or more provisions of 35 U.S.C. §§ 101, 102, 103 and 112, or 11 other judicially created bases for invalidity. Such a declaration is necessary and 12 appropriate at this time to determine the rights and obligations of the parties.

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# COUNT V

### (Declaratory Judgment of Noninfringement of the '356 Patent)

15 73. Plaintiffs incorporate by reference all of the allegations set forth in each 16 of the preceding paragraphs of this Complaint as if fully set forth herein.

17 18 74. Samba has asserted that it is the owner of the '356 patent.

75. Samba has asserted that the Accused Products infringe the '356 patent.

19 76. The Accused Products do not infringe any valid claim of the '356 20 patent, directly or indirectly, literally or under the doctrine of equivalents.

21 77. All claims of the '356 patent require "a relevancy-matching server to 22 match primary data generated from the fingerprint data with targeted data, based on 23 a relevancy factor, and search a storage for the targeted data; wherein the primary 24 data is any one of a content identification data and a content identification history"; 25 "[a] relevancy matching server communicatively coupled with a television and a mobile device through a network, comprising . . . instructions stored in the memory 26 27 and executed using the processor configured to match primary data generated using 28 a fingerprint data with targeted data, based on a relevancy factor comprising at least COMPLAINT FOR DECLARATORY JUDGMENT OF PATENT NONINFRINGEMENT AND INVALIDITY CASE NO.

one of a category of the primary data, a behavioral history of a user, a category of a 1 2 sandboxed application, and another information associated with the user, search a 3 storage for the targeted data, wherein the primary data is any one of a content identification data and a content identification history"; or "[a] method of a 4 5 relevancy-matching server comprising a set of instructions when executed through a 6 machine using a processor and a memory to comprise the operations of matching 7 primary data generated from a fingerprint data with targeted data, based on a 8 relevancy factor and to search a storage for the targeted data using the processor 9 communicatively coupled with the memory; wherein the primary data is any one of 10 a content identification data and a content identification history." The Accused 11 Products do not contain these elements, and thus, the Accused Products do not infringe any claim of the '356 patent. In particular, for example, the Accused 12 13 Products do not contain a relevancy-matching server. Moreover, the Accused 14 Products do not match primary data with targeted data or search for or identify 15 targeted data. Nor do the Accused Products match primary data with targeted data 16 based on a relevancy factor.

Claims 1-9 and 18-21 of the '356 patent require "a content 17 78. 18 identification server to process the fingerprint data from the television, and 19 communicate the primary data from the fingerprint data to any of a number of 20 devices with an access to an identification data of at least one of the television and an automatic content identification service of the television" or "a content 21 22 identification server to process the fingerprint data from at least one of the television 23 and the mobile device, and communicate the primary data from the fingerprint data 24 to any of a number of devices with an access to an identification data of at least one 25 of the television and an automatic content identification service of the television." 26 The Accused Products do not contain these elements, and thus, the Accused 27 Products do not infringe claims 1-9 or 18-21 of the '356 patent. In particular, the 28 Accused Products do not contain the required content identification server. COMPLAINT FOR DECLARATORY JUDGMENT OF PATENT NONINFRINGEMENT AND INVALIDITY CASE NO.

Moreover, the Accused Products do not communicate primary data to any devices 1 with access to identification data of a television or an automatic content 2 3 identification service of the television.

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79. Claims 10-17 of the '356 patent require "wherein the relevancy-5 matching server is to cause a rendering of the targeted data to the user through the sandboxed application of the mobile device" or "wherein the relevancy-matching 6 7 server is to cause a rendering of the targeted data to the user through the sandboxed 8 application of a mobile device." The Accused Products do not contain these elements, and thus, the Accused Products do not infringe claims 10-17 of the '356 9 10 patent. In particular, the Accused Products do not contain a relevancy-matching 11 server. Nor do the Accused Products render targeted data to users or employ 12 sandboxed applications of mobile devices.

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80. As a result of Samba's allegations against Plaintiffs, an actual and 14 justiciable case or controversy exits between Samba and Plaintiffs as to noninfringement of the claims of the '356 patent. 15

16 81. Pursuant to the Declaratory Judgment Act, 28 U.S.C. §§ 2201 et seq., 17 and to resolve the legal and factual questions raised by Samba and to afford 18 Plaintiffs relief from the uncertainty and controversy that Samba's allegations have 19 precipitated, Plaintiffs are entitled to a declaration that the Accused Products do not 20 infringe any claims of the '356 patent.

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# COUNT VI

# (Declaratory Judgment of Invalidity of the '356 Patent)

23 82. Plaintiffs incorporate by reference all of the allegations set forth in each 24 of the preceding paragraphs of this Complaint as if fully set forth herein.

25 83. On information and belief, Samba contends that all claims of the '356 26 patent are valid.

Samba has asserted that the Accused Products infringe the '356 patent. 27 84. 28

85. All claims of the '356 patent are invalid for failure to comply with at
 least 35 U.S.C. §§ 101, 102, 103 and/or 112.

3 86. The '356 patent does not claim patent-eligible subject matter under 35 4 U.S.C. § 101. Unlike claims directed to solving particular technological problems, 5 the '356 patent does not claim any new solution, system or device. The claims of 6 the '356 patent are directed to the abstract idea of "determining what a person is 7 watching on television and, based on that information, delivering other content – 8 such as an advertisement – to a mobile device also being used by that person." See 9 Free Stream Media Corp. v. Alphonso Inc., Case No. 17-cv-02107-RS, (N.D. Cal.), 10 Document 367, Order Granting Motion for Summary Judgment, Dec. 28, 2018. The 11 claims do not recite any inventive concept to transform the abstract idea into patent-12 eligible subject matter.

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13 87. If the claims of the '356 patent are interpreted as broadly as Samba
14 interprets them, they are invalid as anticipated or rendered obvious under 35 U.S.C.
15 §§ 102 and/or 103 in light of the prior art.

16 88. In the chain of applications upon which priority is based on the face of
17 the '356 patent, U.S. Patent Application No. 13/904,015, filed on May 28, 2013, is
18 the earliest application that can be argued to disclose a "relevancy-matching server"
19 or any similar function. For at least the reason that all claims of the '356 patent
20 require a relevancy-matching server, May 28, 2013 is the earliest possible priority
21 date to which the claims of the '356 patent are entitled

89. The claims of the '356 patent are anticipated under 35 U.S.C. § 102 by
Davis. Davis was published on August 12, 2010 and is therefore prior art to all
claims of the '377 patent. Claim charts demonstrating how Davis anticipates the
'356 patent are attached hereto as Exhibit E.

90. In the alternative, the claims of the '356 patent are rendered obvious
under 35 U.S.C. § 103 by the combination of Davis with any or all of: (a) the
November 14, 2011 Oracle web page

COMPLAINT FOR DECLARATORY JUDGMENT OF PATENT NONINFRINGEMENT AND INVALIDITY CASE NO.

https://docs.oracle.com/javase/tutorial/java/javaOO/objects.html; (b) Understanding 1 2 the Keys to Java security – the sandbox and authentication, JavaWorld, May 1, 3 1997 (https://www.javaworld.com/article/2076945/understanding-the-keys-to-java-4 security----the-sandbox-authentication.html); and (c) the 2002 Oracle web page 5 https://docs.oracle.com/javase/7/docs/technotes/guides/security/spec/security-6 specTOC.fm.html and its hyperlinked web pages. The claim charts in Exhibit E 7 demonstrate how these references render the '356 patent obvious. 8 91. As a result of Samba's allegations against Plaintiffs, an actual and 9 justiciable case or controversy exists between Samba and Plaintiffs as to the validity 10 of the claims of the '356 patent. 11 92. Pursuant to the Declaratory Judgment Act, 28 U.S.C. §§ 2201 et seq., 12 and to resolve the legal and factual questions raised by Samba and to afford 13 Plaintiffs relief from the uncertainty and controversy that Samba's allegations have 14 precipitated, Plaintiffs are entitled to a declaration that the claims of the '356 patent 15 are invalid under one or more provisions of 35 U.S.C. §§ 101, 102, 103 and 112, or 16 other judicially created bases for invalidity. Such a declaration is necessary and 17 appropriate at this time to determine the rights and obligations of the parties. 18 **PRAYER FOR RELIEF** 19 WHEREFORE, Plaintiffs request that the Court enter judgment in their favor 20 and against Samba as follows: 21 Declaring that Plaintiffs have not infringed and will not infringe, (a) 22 directly or indirectly, literally or under the doctrine of equivalents, any 23 claim of the '772, '377 or '356 patents; 24 Declaring that the '772, '377 and '356 patents are invalid; (b) 25 Denying any request by Samba for injunctive relief; (c) 26 Finding this case exceptional under 35 U.S.C. § 285 and awarding (d) 27 Plaintiffs their costs and reasonable attorneys' fees; 28 (e) Awarding Plaintiffs any other relief that the Court finds just and proper. COMPLAINT FOR DECLARATORY JUDGMENT OF PATENT NONINFRINGEMENT AND INVALIDITY CASE NO. \_\_\_

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2	Dated: June 14, 2019	Respectfully submitted,
3		<b>KELLEY DRYE &amp; WARREN LLP</b>
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8		eXelate, Inc. and Gracenote, Inc.
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