

**IN THE UNITED STATES DISTRICT COURT
FOR THE EASTERN DISTRICT OF TEXAS
TEXARKANA DIVISION**

GENERAL VIDEO, LLC,

Plaintiff,

v.

ACER INC.,

Defendant.

Civil Action X:24-cv-

JURY TRIAL DEMANDED

COMPLAINT FOR PATENT INFRINGEMENT

Plaintiff, General Video, LLC (“General Video” or “Plaintiff”), for its Complaint against Defendant, Acer Inc. (“Acer” or “Defendant”), alleges as follows:

THE PARTIES

1. General Video is a limited liability company organized and existing under the laws of the State of Delaware and with an address at 8 The Green, Suite B, Dover, DE 19901.
2. Defendant Acer is a corporation organized and existing under the laws of Taiwan and having a principal place of business at 8F, 88, Sec. 1, Xintai 5th Road, Xizhi, New Taipei City 221, Taiwan.

JURISDICTION AND VENUE

3. This action for patent infringement arises under the patent laws of the United States, 35 U.S.C. § 1 *et seq.*
4. This Court has exclusive jurisdiction over the subject matter of this case pursuant to 28 U.S.C. §§ 1331, 1332, and 1338(a).

5. Acer is subject to this Court's specific and general personal jurisdiction consistent with the principles of due process and/or the Texas Long Arm Statute, Tex. Civ. Prac. & Rem. Code Ann. § 17.042.

6. Acer sells and offers to sell products throughout the State of Texas, including in this District, and introduces infringing products into the stream of commerce knowing that they will be sold in the State of Texas and this District. For example, Defendant sells and offers to sell infringing products and services through its website, Acer.com, which may be accessed throughout the United States, the State of Texas, and this District. Acer is currently, or has previously been, registered with the Secretary of State to do business in the state of Texas.

7. Acer has authorized sellers and sales representatives that offer for sale and sell products that are the subject of this Complaint throughout the State of Texas, including in this District, and to consumers through this District. For example, Best Buy at 4210 Saint Michael Drive, Texarkana, Texas 75503; Costco Wholesale, 3650 West University Drive, McKinney, Texas 75071; Office Depot, 111 Richmond Ranch Road, Texarkana, Texas 75503; Target, 102 Richmond Ranch Road, Texarkana, Texas 75503; Walmart Supercenter, 4000 New Boston Road, Texarkana, Texas 75503; and Sam's Club, 3610 Saint Michael Drive, Texarkana, Texas 75503, offer for sale and sell such subject Acer products.

8. Acer is also subject to this Court's personal jurisdiction because it, directly, through, or in concert with subsidiaries, affiliates, or intermediaries, makes, uses, sells, offers for sale, imports, advertises, makes available, and/or markets products within the State of Texas and this District that infringe one or more claims of the asserted patents owned by General Video, as alleged more fully below.

9. Venue in this District is proper under 28 U.S.C. § 1400(b). Acer is a foreign entity for which venue is proper in any district.

10. Acer makes, uses, sells, offers for sale, and/or imports infringing products into and/or within this District, maintains a permanent and/or continuing presence within this District, and/or has the requisite minimum contacts with this District such that venue in this District is fair and reasonable. On information and belief, Acer has transacted and, as of the time of the filing of this Complaint, is continuing to transact business within this District.

THE GENERAL VIDEO PATENTS

11. General Video is the assignee of, and has standing to sue and collect damages for Acer's past and ongoing infringement associated with its products' implementation of DisplayPort functionality of, each of the following patents: U.S. Patent Nos. 6,584,443 ("the 443 Patent"); 7,069,224 ("the 224 Patent"); 7,225,282 ("the 282 Patent"); 7,359,437 ("the 437 Patent"); 9,036,010 ("the 010 Patent"); and 9,843,786 ("the 786 Patent") (collectively, the "General Video Patents").

12. The 443 Patent issued on June 24, 2003. The named inventors of the 443 Patent are: Akihisa Kawamura; Naoki Ejima; and Masatoshi Shimbo. The 443 Patent expired on April 20, 2020. A true and correct copy of the 443 Patent is attached as Exhibit 1 hereto.

13. The 224 Patent issued on June 27, 2006. The named inventors of the 224 Patent are: Akihisa Kawamura; Naoki Ejima; and Masatoshi Shimbo. The 224 Patent expired on April 20, 2020. A true and correct copy of the 224 Patent is attached as Exhibit 2 hereto.

14. The 282 Patent issued on May 29, 2007. The named inventor of the 282 Patent is Jim Lyle. A true and correct copy of the 282 Patent is attached as Exhibit 3 hereto.

15. The 437 Patent issued on April 15, 2008. The named inventors of the 437 Patent are: Seung Ho Hwang; Jano Banks; Paul Daniel Wolf; Eric Lee; Baegin Sung; and Albert M. Scalise. A true and correct copy of the 437 Patent is attached as Exhibit 4 hereto.

16. The 010 Patent issued on May 19, 2015. The named inventor of the 010 Patent is Nicole Burleigh Shepherd. A true and correct copy of the 010 Patent is attached as Exhibit 5 hereto.

17. The 786 Patent issued on December 12, 2017. The named inventor of the 786 Patent is Nicoll Burleigh Shepherd. A true and correct copy of the 786 Patent is attached as Exhibit 6 hereto.

18. The General Video Patents are generally directed to the high-speed, efficient, and secure transmission of audio and video data between transmitting and receiving devices. As set forth more fully in the numbered counts below with respect to each General Video Patent, claimed inventions of the General Video Patents are essential to, and must be used to comply with, implementations of several versions of the DisplayPort standard promulgated by the Video Electronics Standards Association (VESA). The DisplayPort standards generally relate to the connection of source devices (e.g., desktop or laptop computers) and sink devices (e.g., computer monitors or laptop displays) and the transmission of packetized video, audio, and/or other forms of data between such source and sink devices. Further, and as also set forth more fully in the numbered counts below, claimed inventions of certain of the General Video Patents are essential to, and must be used to comply with, implementations of certain versions of the Embedded DisplayPort (eDP) standard, a companion standard to DisplayPort. The eDP standards are directed to display panel interfaces for portable and embedded devices and relate to the signaling interface between graphics cards and integrated displays, such as, for example, the integrated display on a laptop computer. Collectively and generally, the DisplayPort and eDP standards, implementations

of which infringe one or more claims of any General Video Patent, are referred to herein as the “Infringing DP Standards.”¹ VESA DisplayPort Standard, Version 1, Revision 2, which was introduced January 7, 2010 (“DP v1.2”) infringes at least one claim of each of the General Video Patents and is thus always an Infringing DP Standard relative to the assertions herein. Specific additional Infringing DP Standards, and versions thereof, are further identified with respect to each General Video Patent in the numbered counts below. As such, each of the General Video Patents is a standard essential patent (“SEP”) with respect to a respective identified subset of DisplayPort standards, eDP standards, or versions thereof.²

19. Each of the General Video Patents is included among the pool of patents licensed and offered for license as part of the DisplayPort Patent Portfolio License (the “DP License”) offered through Via Licensing Corporation d/b/a Via Licensing Alliance (“Via-LA”). See <https://www.via-la.com/licensing-2/displayport/>; <https://www.via-la.com/licensing-2/displayport/displayport-patent-list/> (see downloadable list of licensed patents). General Video, Maxell, Ltd., Rambus Inc., and Sony Group Corporation are currently licensors under the DP License. See <https://www.via-la.com/licensing-2/displayport/displayport-licensors/>. To date, almost 100 companies are licensed under the DP License. See <https://www.via-la.com/licensing-2/displayport/displayport-licensors/>.

¹ A standard itself cannot infringe a patent claim. Instead, implementations of a standard embodied in the operability or functionality of standard-compliant products, or methods or processes performed pursuant to implementations of a standard, can infringe apparatus and/or method claims of a patent. Subject to that understanding, for ease of reference herein, General Video refers to “Infringing DP Standards.”

² As the Federal Circuit has explained, “Creating some standards ... is a complicated process that involves the collaboration and can involve cooperation of a number of interested parties. Due to the collaborative nature of this process, the chosen standard may include technology developed by a number of different parties. Sometimes that technology is covered by patents. Because the standard *requires* that devices utilize specific technology, compliant devices *necessarily* infringe certain claims in patents that cover technology incorporated into the standard. These patents are called ‘standard essential patents’ (‘SEPs’).” *Ericsson, Inc. v. D-Link Systems, Inc.*, 773 F.3d 1201, 1209 (Fed. Cir. 2014) (emphasis in original).

20. Before the General Video Patents' inclusion as part of the DP License, each such patent was determined by an independent patent consultant to be an SEP with respect to one or more versions of the DisplayPort and/or eDP standards.

21. VESA, which sets industry-wide interface standards for the PC, workstation, and consumer electronics display industry, approved the first version of the DisplayPort standard in May 2006.

22. "VESA is an international nonprofit corporation led by a board of directors, which represents a voting membership of more than 300 corporate members worldwide." See <https://www.displayport.org/>. Acer is a corporate member and partner of VESA. *Id.*

23. VESA describes DisplayPort as

the industry replacement for outmoded display technologies such as DVI, LVDS and VGA and it's currently being built into all new PC chipsets, GPU's [sic] and display controllers from major silicon manufacturers. DisplayPort utilizes a state-of-the-art digital protocol and provides an expandable foundation to enable amazing digital display technology while providing compatibility with existing equipment.

* * *

DisplayPort has unique features and capabilities that enable exciting new types of displays and display usages. And it doesn't require PC owners to replace all of their equipment because simple adaptors allow DisplayPort enabled devices to connect to monitors and projectors that use older technologies such as DVI, HDMI and VGA.

<https://vesa.org/about-displayport/>.

24. VESA further describes DisplayPort as "the Ultimate Digital Connection" that "[d]elivers a true digital display experience" and "[c]onnects to virtually any device."

<https://vesa.org/displayport-developer/about-displayport/>.

25. VESA adopted eDP in December 2008, and describes that standard as follows:

For devices such as laptop PCs with an embedded display, eDP is the electrical interface for transporting video data from the system's graphics hardware to the internal display panel. eDP is widely adopted for larger, higher-resolution displays

as it provides the highest resolutions, refresh rates and color depths using a low wire count with low EMI radiation.

* * *

eDP applications include laptops, all-in-one PCs, premium tablets, automotive displays, and other systems that incorporate a display panel with a video or graphics video source.

<https://vesa.org/featured-articles/vesa-publishes-embedded-displayport-standard-version-1-5/>.

ACER'S ACCUSED PRODUCTS

26. Acer makes, uses, sells, and/or offers to sell in, and/or imports into, the United States products that comply with, implement, and/or embody the Infringing DP Standards (collectively, the “Accused Acer Products”). As set forth more fully in the numbered counts below with respect to each General Video Patent, the Accused Acer Products and the operation thereof infringe the General Video Patents, including without limitation by complying with, implementing, and/or embodying the Infringing DP Standards. A non-exhaustive list of the Accused Acer Products is included in Appendix A hereto.

27. Acer has in the past made, used, sold, and/or offered to sell in, and/or imported into, the United States products that complied with, implemented, and/or embodied the Infringing DP Standards (with the products described in paragraph 26 above, also “Accused Acer Products”). As set forth more fully in the numbered counts below with respect to each General Video Patent, at least by having complied with, implemented, and/or embodied the Infringing DP Standards, the Accused Acer Products that Acer has in the past made, used, sold, offered to sell in, and/or imported into, the United States infringed the standard essential General Video Patents. A non-exhaustive list of Accused Acer Products that Acer has in the past made, used, sold, and/or offered to sell in, and/or imported into, the United States is included in Appendix A hereto.

28. Rule 3-1 of the Rules of Practice for Patent Cases before the Eastern District of Texas requires that “[n]ot later than 10 days before the Initial Case Management Conference with

the Court, [General Video] ... must serve on [Acer] a ‘Disclosure of Asserted Claims and Infringement Contentions[,]’ which identifies “each accused apparatus, product, device, process, method, act, or other instrumentality ... of [Acer] of which [General Video] *is aware*.” P.R. 3-1 (emphasis added). Rule 3-1 further requires that

[t]his identification shall be as specific as possible. Each product, device, and apparatus must be identified by name or model number, *if known*. Each method or process must be identified by name, if known, or by any product, device, or apparatus which, when used, allegedly results in the practice of the claimed method or process....

P.R. 3-1(b) (emphasis added).

29. Accordingly, in identifying Acer products for inclusion among the Accused Acer Products listed in Appendix A hereto, General Video has made such identification as specific as possible based on information of which General Video is aware and information known to General Video through a reasonable prefiling investigation conducted in the ordinary course of business.

30. Despite General Video’s diligent efforts in this regard, it is possible – if not likely – that General Video does not have reasonable access to, is not reasonably aware of, and cannot reasonably know, the identity of all products that Acer makes, uses, sells, and/or offers to sell in, and/or imports into, the United States that comply with, implement, and/or embody, or that Acer has in the past made, used, sold, and/or offered to sell in, and/or imported into, the United States that complied with, implemented, and/or embodied, the Infringing DP Standards. Accordingly, in addition to the Acer Products specifically identified in Appendix A hereto, General Video includes within the definition of “Accused Acer Products” all products that Acer has made, used, sold, and/or offered for sale in, and/or imported into, the United States at any time, that (1) have complied with, implemented, and/or embodied the Infringing DP Standards and/or (2) are or were no more than colorably different from any Accused Acer Product(s) specifically identified in

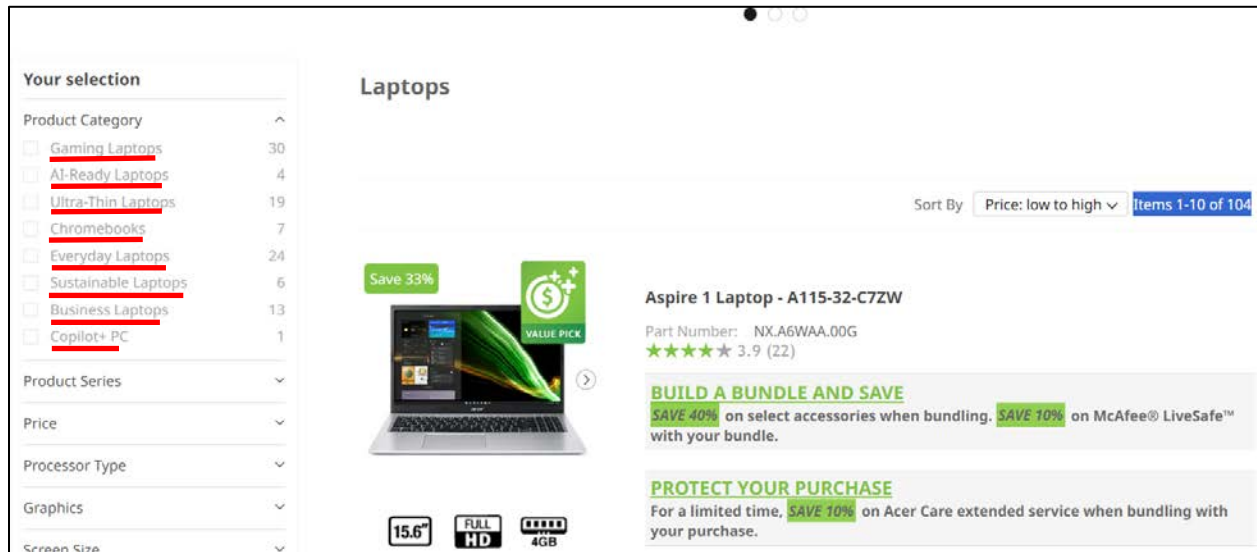
Appendix A hereto relative to such products' compliance with and/or implementation or embodiment of the Infringing DP Standards.

31. Upon General Video's discovery of more specific information concerning the identity of additional Accused Acer Products over the course of these proceedings, General Video will seasonably supplement or amend, and/or, if necessary, move for leave to supplement or amend, its identification of Accused Acer Products as permitted under this District's Practice Rules. *See* P.R. 3-6; *see also Team Worldwide Corp. v. Wal-Mart Stores, Inc.*, No. 2:17-cv-00235-JRG, 2018 WL 3533362 (Jul. 23, 2018 E.D. Tex.) (granting plaintiff's motion for leave to amend infringement contentions); *id.*, at *9 ("At the time [plaintiff] TWW served its original infringement contentions, TWW did not know the names or model numbers it seeks to add to its infringement contentions. To determine what it did not know, TWW visited Walmart stores, reviewed Walmart's online sales, and served upon Defendants interrogatories asking for such information. This is not, on its face, an unreasonable course of action.").

32. On information and belief, and unless otherwise made clear by the description of a specific version of the Infringing DP Standards, the Accused Acer Products employ, implement, embody, or utilize materially the same DisplayPort technology, such that the facts material to infringement by one Accused Acer Product will likely be material to all Accused Acer Products.

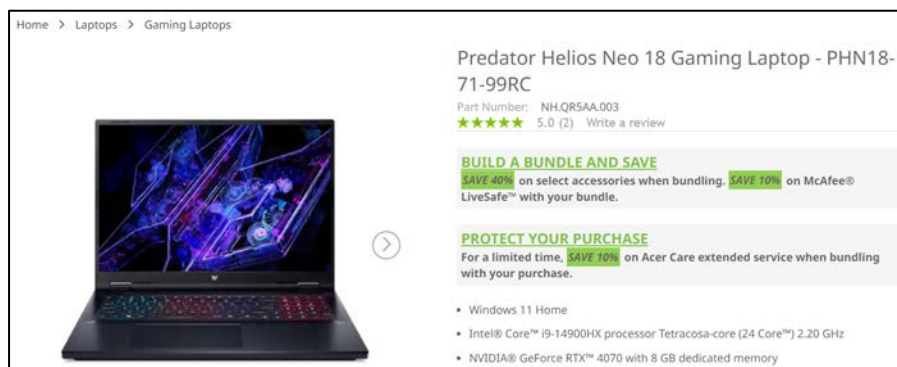
33. Four general categories of Accused Acer Products infringe the General Video Patents: Acer laptop computers (the "Accused Acer Laptops"); Acer desktop computers (the "Accused Acer Desktops"); Acer computer monitors (the "Accused Acer Monitors"); and Acer video/graphics cards (the "Accused Acer Graphics Cards").

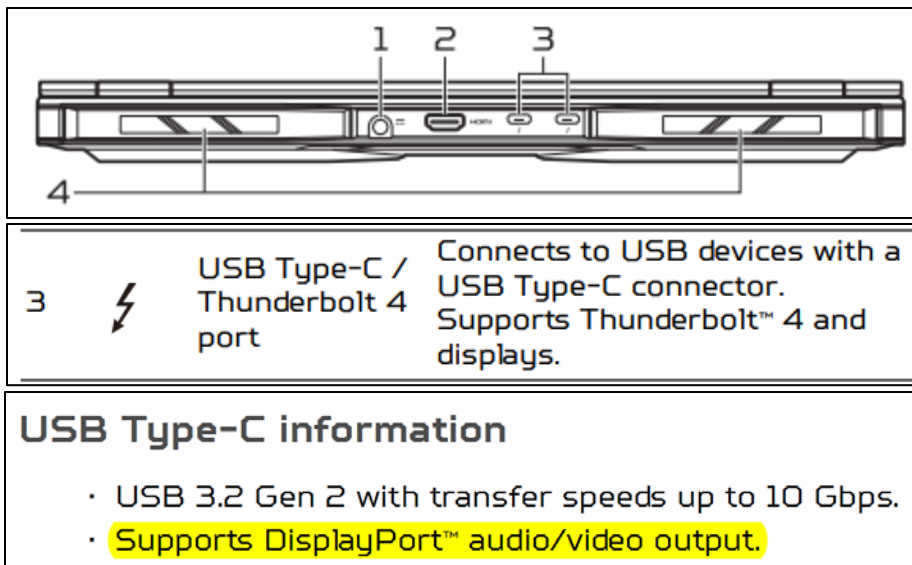
34. As shown below, as of August 2024, Acer makes, uses, sells, and/or offers to sell in, and/or imports into, the United States at least 104 models of laptop computers, covering at least eight product categories.



See <https://store.acer.com/en-us/laptops> (last visited August 27, 2024) (highlighting and underlining added).

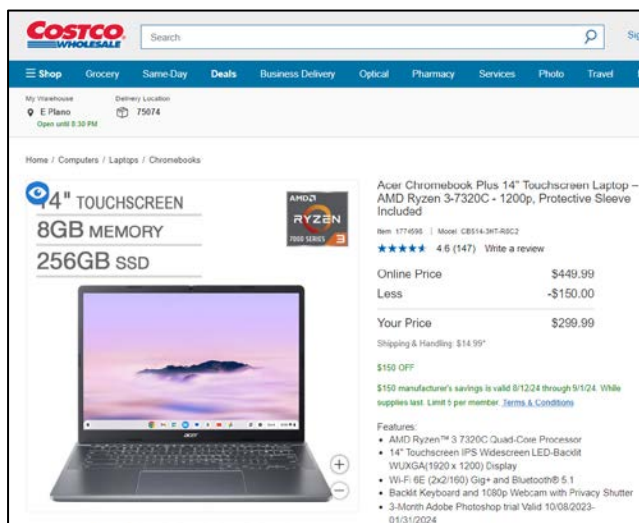
35. Based on information published on Acer’s website, many of the laptop computers Acer sells and offers to sell comply with, implement, and/or embody the Infringing DP Standards, and those that do so are, therefore, Accused Acer Laptops. For example, but without limitation, as shown below Acer advertises its Predator Helios Neo 18 Gaming Laptop - PHN18-71-99RC (Part # NH.QR5AA.003) as featuring a DisplayPort-compliant multimedia connectivity port.

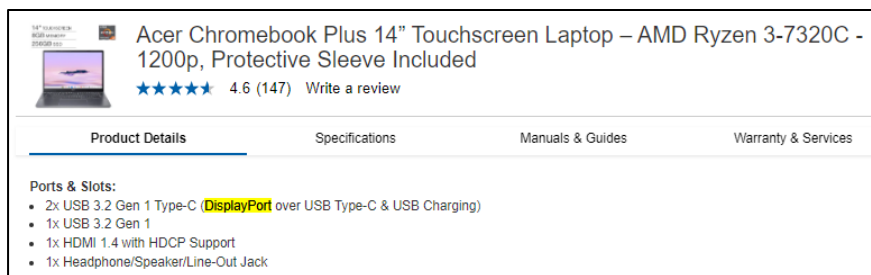




See <https://store.acer.com/en-us/predator-helios-neo-18-gaming-laptop-phn18-71-99rc> and https://global-download.acer.com/GDFiles/Document/User%20Manual/User%20Manual_Acer_1.0_A_A.pdf?acerid=638477058823486143&Step1=&Step2=&Step3=PREDATOR%20PHN18-71&OS=ALL&LC=en&BC=ACER&SC=PA_6 (last visited August 27, 2024) (highlighting added).

36. By way of additional example, but not limitation, as shown below, Acer advertises its Chromebook Plus 14" Touchscreen Laptop (Product # CB514-3HT-R8C2 / NX.KP9AA.002) as featuring two USB 3.2 Gen 1 Type-C ports with DisplayPort™ media connectivity.

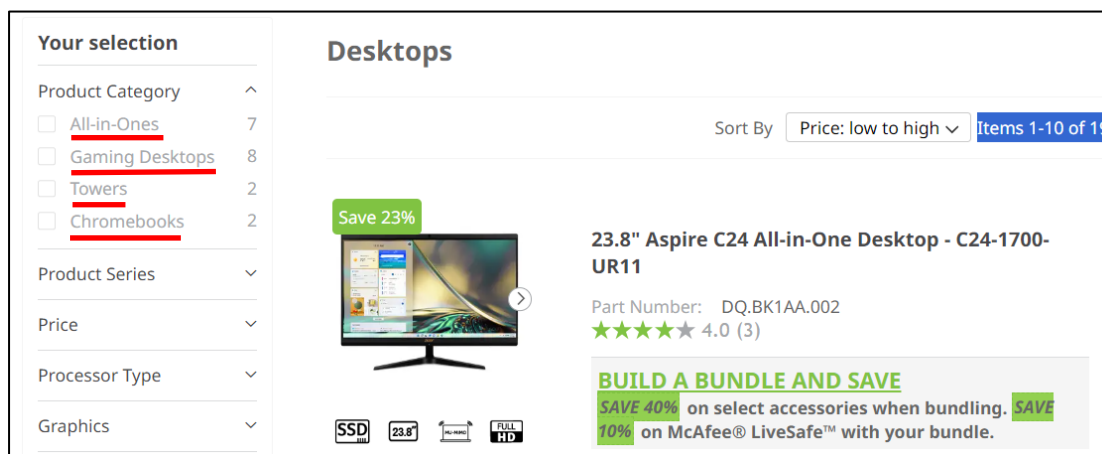




See <https://www.costco.com/acer-chromebook-plus-14-touchscreen-laptop--amd-ryzen-3-7320c--1200p-protective-sleeve-included.product.4000218802.html> (last visited August 27, 2024) (highlighting added).

37. A non-exhaustive list of Accused Acer Laptops is included in the list of Accused Acer Products identified in Appendix A hereto.

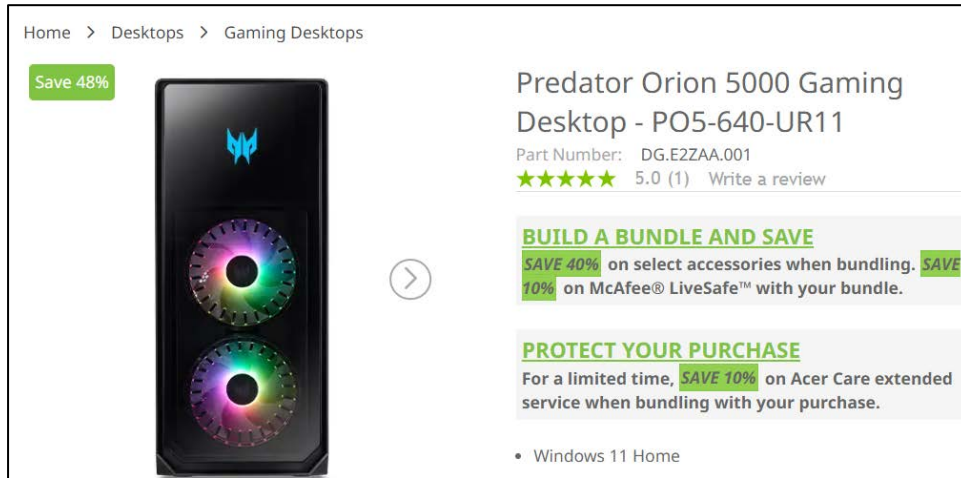
38. As shown below, as of August 2024, Acer makes, uses, sells, and/or offers to sell in, and/or imports into, the United States at least 19 models of desktop computer, covering at least four product categories.



See, <https://store.acer.com/en-us/desktops> (last visited August 27, 2024) (highlighting and underlining added).

39. Based on information published on Acer’s website, many of the desktop computers Acer sells and offers to sell comply with, implement, and/or embody the Infringing DP Standards, and those that do so are, therefore, Accused Acer Desktops. For example, but without limitation,

as shown below Acer advertises its Predator Orion 5000 Gaming Desktop - PO5-640-UR11 (Product # DG.E2ZAA.001) as including DisplayPort media connectivity port.



<i>Interfaces/Ports</i>	
HDMI®	Yes
DisplayPort	Yes

See, e.g., <https://store.acer.com/en-us/predator-orion-5000-gaming-desktop-po5-640-ur11> (last visited August 27, 2024) (highlighting added).

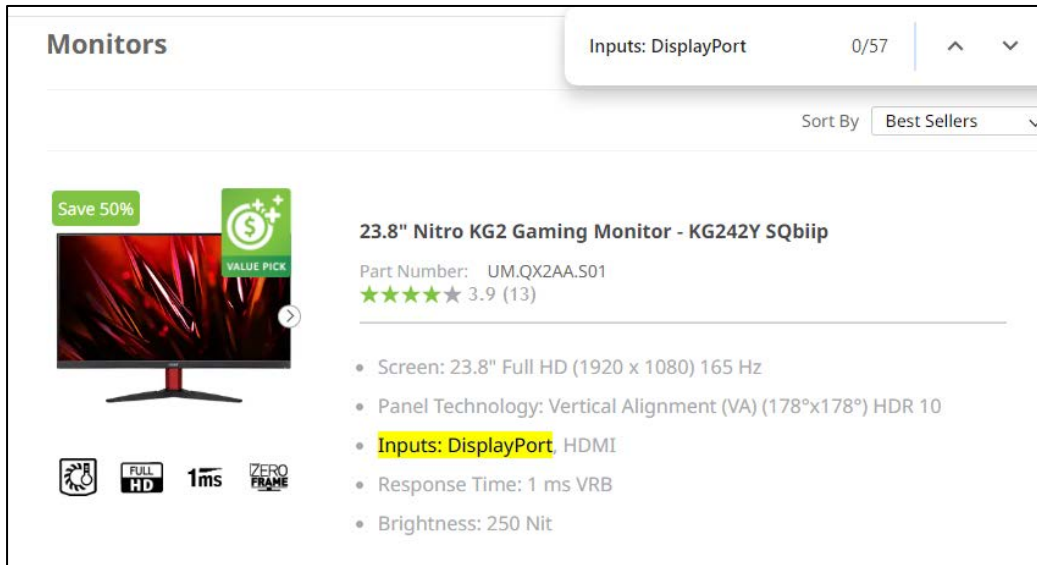
40. A non-exhaustive list of Accused Acer Desktops is included in the list of Accused Acer Products identified in Appendix A hereto.

41. As shown below, as of August 2024, Acer makes, uses, sells, and/or offers to sell in, and/or imports into, the United States at least 108 models of computer monitors, covering six product categories.



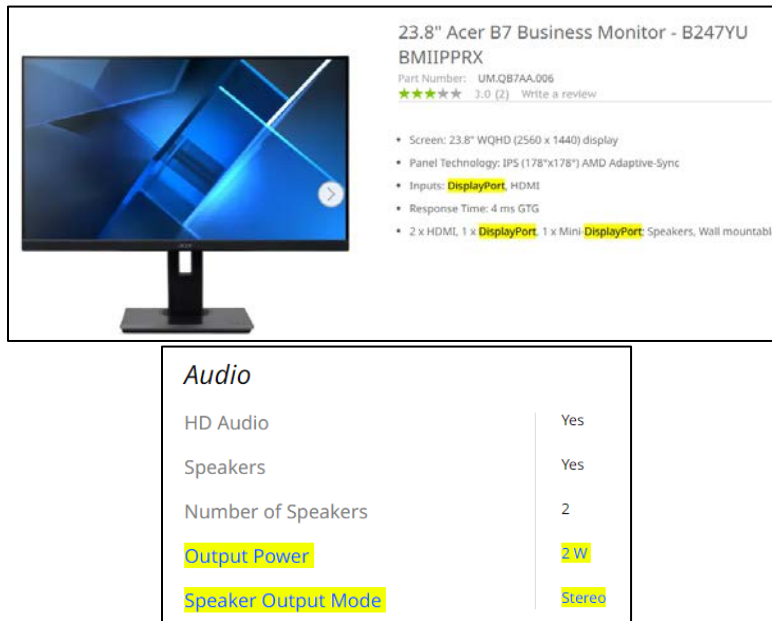
See, e.g., <https://store.acer.com/en-us/monitors> (last visited August 27, 2024) (highlighting and underlining added).

42. Based on information published on Acer’s website, the majority of computer monitors Acer sells and offers to sell comply with, implement, and/or embody the Infringing DP Standards, and those that do so are, therefore, Accused Acer Monitors. As shown below, as of August 2024, Acer makes, uses, sells, and/or offers to sell in, and/or imports into, the United States at least 57 models of computer monitor that list “Inputs: DisplayPort”.



See, e.g., https://store.acer.com/en-us/monitors?product_list_limit=all (last visited August 27, 2024) (highlighting added).

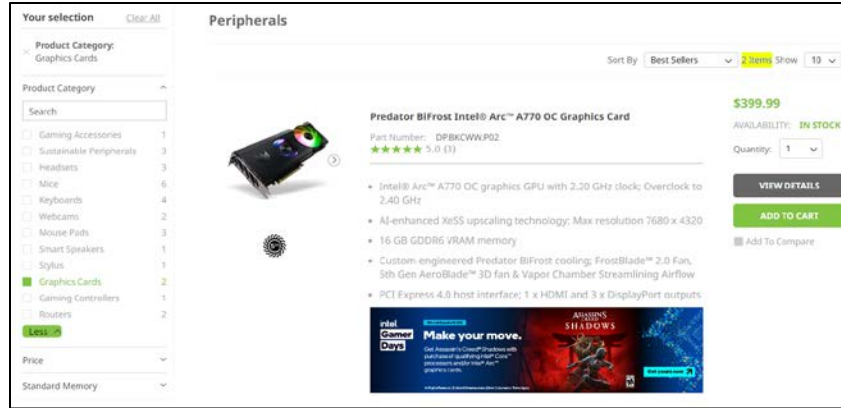
43. By way of example, but without limitation, Acer advertises its 23.8” Acer B7 Business Monitor - B247YU BMIIPPRX (Product # UM.QB7AA.006) as featuring a DisplayPort media connectivity port and a mini-DisplayPort media connectivity port. The monitor also includes 2-Watt stereo speakers.



See <https://store.acer.com/en-us/23-8-acer-b7-business-monitor-b247yu-bmiipprx> (last visited August 27, 2024) (highlighting added).

44. A non-exhaustive list of Accused Acer Monitors is included in the list of Accused Acer Products identified in Appendix A hereto.

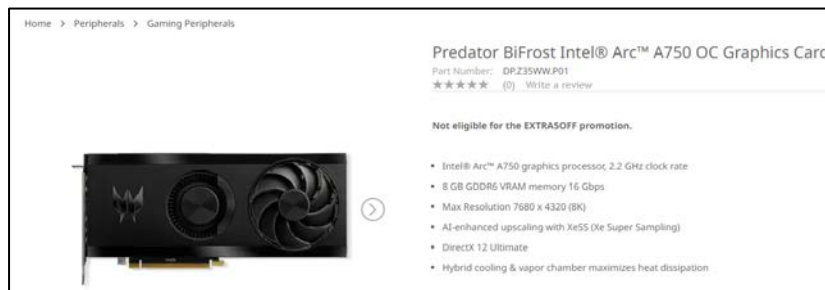
45. As shown below, as of August 2024, Acer uses, sells, and/or offers to sell in, and/or imports into, the United States at least 2 models of graphics cards.



See https://store.acer.com/en-us/peripherals/product_category-graphics_cards (last visited August 27, 2024) (highlighting added).

46. Each of the graphics cards sold and offered for sale by Acer, and described in paragraph 45 above, comply with, implement, and/or embody the Infringing DP Standards, and those that do so are, therefore, Accused Acer Graphics Cards.

47. By way of example, but without limitation, Acer advertises the Predator BiFrost Intel® Arc™ A750 OC Graphics Card (Product # DP.Z35WW.P01) as featuring three compliant DisplayPort media connectivity ports:



<i>Physical Characteristics</i>	
Color	Black
Height	4.64"
Width	Takes 2 slots
Length	10.58"
Weight (Approximate)	2.34 lbs
Connector	1 x HDMI; 3 x DisplayPort 2.0

See <https://store.acer.com/en-us/predator-bifrost-intelr-arctm-a750-oc-graphics-card> (lasted visited August 27, 2024) (highlighting added).

48. The four DisplayPort media connectivity ports included with the Accused Acer Graphics Card described in the paragraphs above comply with, implement, and embody DP v2.0, an Infringing DP Standard as defined in paragraph 18 above and further defined in the numbered counts below with respect to each of the General Video Patents.

49. Acer currently advertises on its website that the representative examples of Accused Acer Products described above, and currently advertises, or has in the past advertised, that the numerous, specific Accused Acer Products identified in Appendix A hereto, comply with and utilize, or have in the past complied with and utilized, one or more of the Infringing DP Standards. In addition to Acer's own advertising representations in this regard, VESA identifies hundreds of Acer products as being "VESA CERTIFIED DISPLAYPORT PRODUCTS." See, e.g., <https://www.displayport.org/product-category/monitors-tvs/?ps&pman%5B0%5D=acer> (first of 17 search result pages identifying as Certified DisplayPort Products 136 Acer computer monitors, TVs, and DP displays).

ACER'S KNOWLEDGE OF THE ASSERTED PATENTS

50. In early 2015, MPEG LA, a patent pool administration company, administered the DP License (*see* paragraph 19 above), which provided licensing rights to a portfolio of patents found by an independent patent consultant to each be essential to various respective DisplayPort standards, including DP v1.2, an Infringing DP Standard as defined in paragraph 18 above. In April 2023, MPEG LA was acquired by Via-LA.

51. On information and belief, before July 29, 2016, MPEG LA, on behalf of General Video and its predecessors-in-interest, provided notice to Acer, through Acer employees, Ms.

Eunice Chen and Ms. Kate Shang, (1) of the U.S. and foreign DisplayPort SEPs then administered and licensed by MPEG LA; (2) that such patents had been found by an independent patent consultant to be essential to various DisplayPort standards, including DP v1.2, an Infringing DP Standard as defined in paragraph 21 above; and (3) that Acer, as a “company that offer[ed] products with DisplayPort technology[,] need[ed] to be licensed under [those] essential patents and [would] benefit from the coverage that [the] DisplayPort License provides.” A copy of a representative notice letter dated March 16, 2015, which, on information and belief, is substantively identical or very similar to the notice General Video provided Acer, is attached as Exhibit 7 hereto. A list of patents licensed under the DP License as of or about that date is attached as Exhibit 8 hereto (DisplayPort Attachment 1, revised 12/1/2015).

52. On further information and belief, in the same communication described in paragraph 60 above, MPEG LA, on behalf of General Video and its predecessors-in-interest, provided notice to Acer, through Acer employees, Ms. Eunice Chen and Ms. Kate Shang, of the remainder of the General Video Patents and Acer’s infringement thereof. Specifically, MPEG LA provided Acer with: (1) an unsigned proposed version of the DP License, in which MPEG LA advised Acer that (a) the “DP Patent Portfolio” included “the portfolio of DP Essential Patent(s) which are initially identified in Attachment 1 hereto, [and] which portfolio may be supplemented or reduced from time to time in accordance with the provisions of this Agreement,” DP License § 1.7 (revised March 5, 2015), Exhibit 9 hereto, and (b) “amendments to Attachment 1 hereto, if any, shall be effective upon the posting of the new Attachment 1 on the website of the Licensing Administrator and such posting shall constitute notice pursuant to this Section,” *id.* § 7.2.1, Ex. 9 hereto; and (2) a presentation entitled, on information and belief, “DisplayPort Patent Portfolio License Briefing,” which presentation, on information and belief, notified Acer that the list of

DisplayPort essential patents, i.e., “Attachment 1 to the License[,] is updated regularly” and can be found at “<http://www.mpegla.com/main/programs/DisplayPort/Pages/PatentList.aspx>.”

53. On information and belief, by posting new versions of Attachment 1 on its website as provided for in section 7.2.1 of the DP License, MPEG LA, as of the dates set forth below, provided Acer with notice of the remainder of the General Video Patents and Acer’s and Acer’s infringement thereof at least by MPEG LA’s assertion that Acer had to obtain rights to those and the other patents in the DP Patent Portfolio by entering into the DP License:

- March 1, 2016: the 010 Patent (DisplayPort Attachment 1, revised 3/1/2016, Ex. 13 hereto);
- December 1, 2018: the 282 Patent, the 443 Patent, and the 224 Patent (DisplayPort Attachment 1, revised 12/1/2018, Ex. 10 hereto);
- June 1, 2021: the 437 Patent (DisplayPort Attachment 1, revised 6/1/2021, Ex. 11 hereto); and
- June 1, 2024: the 786 Patent (DisplayPort Attachment 1, revised 6/1/2024, Ex. 12 hereto).

COUNT I: THE 443 PATENT

54. Appendix B hereto is an exemplary patent claim chart that details how the inventions of claims 7 and 9 of the 443 Patent were essential to implementations of DP v1.2, relative to the transport of an audio stream between a source device (e.g., a desktop or laptop computer) and a sink device (e.g., a computer monitor).³ The versions of the DisplayPort standard listed below (and applying the “DP v” abbreviation) include features that are either identical to, or materially the same as, the features of DP v1.2 shown to infringe claims 7 and 9 of the 443 Patent

³ The 443 Patent expired on April 20, 2020.

in Appendix B hereto. As such, these versions of the standard also infringed the 443 Patent during the term of that patent:

- DP v1.1, introduced April 2, 2007;
- DP v1.1a, introduced January 11, 2008;
- DP v1.2a, introduced January 2013;
- DP v1.3, introduced September 15, 2014;
- DP v1.4, introduced March 1, 2016;
- DP v1.4a, introduced April 2018; and
- DP v2.0, introduced June 26, 2019

(collectively with DP v1.2, the “443 Infringing DP Standards”). Thus, whoever used one or more products to perform the methods described in Appendix B hereto with respect to DP v1.2, and described in the corresponding portions of the other 443 Infringing DP Standards, during the term of the 443 Patent, directly infringed claims 7 and 9 of that patent in violation of 35 U.S.C. § 271(a). *See, e.g., Fujitsu Ltd. v. Netgear Inc.*, 620 F.3d 1321, 1328 (Fed. Cir. 2010) (although “claims should be compared to the accused product to determine infringement,” “if an accused product operates in accordance with a standard, then comparing the claims to that standard is the same as comparing the claims to the accused product”).

55. On information and belief, during the term of the 443 Patent, Acer directly infringed at least claims 7 and 9 of that patent by using Accused Acer Products in a manner that complied with the descriptions provided in Appendix B hereto with respect to DP v1.2, and the descriptions provided in the corresponding portions of the other 443 Infringing DP Standards.

56. By way of example and not limitation, and on information and belief, during the term of the 443 Patent, Acer employees used the Accused Acer Products in such an infringing

manner when transmitting audio signals from Accused Acer Laptops, Accused Acer Desktops, and any desktop computers with installed Accused Acer Graphics Cards⁴ via a DisplayPort connection to Accused Acer Monitors, where such audio signals were played as audible sound through (i) one or more built-in speakers on the monitor(s), (ii) one or more external speakers connected to an audio line-out port on the monitor(s), or (iii) headphones or earphones connected to an audio line-out port on the monitor(s). On its website, Acer explains that “DisplayPort, developed by the Video Electronics Standards Association (VESA), is a digital interface designed primarily for transmitting video from PCs to monitors, although it can also carry audio and data. Since its debut in 2006, there have been multiple versions, with DisplayPort 1.4, a feature-based upgrade, being the most prevalent in modern devices.” <https://blog.acer.com/en/discussion/968/displayport-2-1-vs-hdmi-2-1-which-is-better-for-pc-gaming> (last visited August 29, 2024). Acer further explains, “The standard DisplayPort connector has a 20-pin design with a lock for secure connection, but there’s also a Mini DisplayPort variant without this feature. Recently, Mini DisplayPort has given way to USB-C, which can deliver DisplayPort capabilities via DisplayPort Alt Mode.” *Id.*

57. During the term of the 443 Patent, Acer advertised Accused Acer Laptops, Desktops, Graphics Cards, and Monitors as supporting DisplayPort media connectivity. By way of example and not limitation, as of and before April 2, 2019, Acer made, used, offered for sale, and sold its Predator Helios 500 Gaming Laptop - PH517-61-R0GX laptop (Product # NH.Q3GAA.001), which featured an “[e]xternal display (DisplayPort) port [that] connects to a display device using the high-definition DisplayPort” media connectivity port.⁵ By way of further

⁴ Relative to the Accused Acer Graphics Cards, the alleged direct infringement of method claims 7 and 9 of the 443 Patent by Acer and Acer customers in this Count I presumes performance of the claimed methods by Acer and Acer’s customers’ use, in part, of computers having installed Accused Acer Graphics Cards.

⁵ See, e.g., <https://www.acer.com> (archived at Wayback Machine, <https://web.archive.org/web/20190402215909/https://us-store.acer.com/laptops/gaming/> (capture date 4/2/2019)) and User Manual available at

example and not limitation, as of and before June 3, 2019, Acer made, used, offered for sale, and sold its Aspire GX Gaming Desktop - GX-281-UR15 (Product # DG.E0DAA.005) that featured a DisplayPort media connectivity port as a back panel port.⁶ By way of still further example but not limitation, as of and before August 11, 2019, Acer made, used, offered for sale, and sold its 24" Predator XB1 Gaming Monitor - XB241H bmipr (Product # UM.FX1AA.001) that featured a DisplayPort media connectivity port and two audio speakers.⁷

58. By way of example and not limitation, and on information and belief, during the term of the 443 Patent, Acer employees used Accused Acer Products such as the Accused Acer Laptop, Desktop, and Monitor described in paragraph 57 above, and other Accused Acer Laptops, Desktops, and Monitors, in the directly infringing manner described in paragraph 56 above, described in Appendix B hereto with respect to DP v1.2, and described in the corresponding portions of the other 443 Infringing DP Standards, when transmitting, receiving, playing, and/or recording audio signals at, between, and/or among Acer's offices in the United States. *See, e.g.*, https://careers.acer.com/search/?createNewAlert=false&q=&optionsFacetsDD_shifttype=&optionsFacetsDD_country=US&optionsFacetsDD_dept=&optionsFacetsDD_city= (last visited 8/29/2024). On information and belief, one of numerous examples of such directly infringing uses was when Acer employees participated in video conferences or Voice over Internet Protocol (VoIP) calls using an Accused Acer Laptop, Accused Acer Desktop, or Accused Acer Graphics Card connected to an Accused Acer Monitor as described above.

<https://www.acer.com/us-en/support/product-support/PH517-61/NH.Q3GAA.001/downloads> (version 2.0, dated 9/11/2018).

⁶ *See, e.g.*, <https://www.acer.com> (archived at *Wayback Machine*, <https://web.archive.org/web/20190603121001/https://us-store.acer.com/desktops/gaming> (capture dated June 3, 2019)) and <https://www.newegg.com/acer-aspire-gx-281-ur15/p/N82E16883101581> (last visited 8/15/2024).

⁷ *See, e.g.*, <https://www.acer.com> (archived at *Wayback Machine*, <https://web.archive.org/web/20190811230501/https://us-store.acer.com/monitors/> (capture date 8/11/2019)) and <https://store.acer.com/en-us/24-predator-gaming-monitor-xb241h> (last visited 8/26/2024).

59. On information and belief, during the term of the 443 Patent, another example of such directly infringing use was when Acer employees streamed or played recorded or real-time audio-video content using Accused Acer Laptops or Accused Acer Desktops, such as those described in paragraph 57 above, and other Accused Acer Laptops and Desktops, connected to Accused Acer Monitors, such as the one described in paragraph 57 above, and other Accused Acer Monitors, in the manner generally described in paragraph 56 above, described in Appendix B hereto with respect to DP v1.2, and described in the corresponding portions of the other 443 Infringing DP Standards. On information and belief, one of numerous examples of such directly infringing uses was when Acer employees played on an Accused Acer Laptop or Accused Acer Desktop connected to an Accused Acer Monitor as described above any of the hundreds of videos with audio content that Acer itself made available for streaming on its Acer Support YouTube Channel. See <https://www.youtube.com/@AcerSupport/videos> (“A great library of useful how-to videos providing visual answers to your most frequently asked support questions for your Acer product.”).

60. On information and belief, during the term of the 443 Patent, Acer employees also used Accused Acer Products in the directly infringing manner described above, described in Appendix B hereto with respect to DP v1.2, and described in the corresponding portions of the other 443 Infringing DP Standards, when they demonstrated Accused Acer Products to actual and potential customers of Accused Acer Products at trade shows, during product demonstrations, and – generally – as part of Acer’s marketing and sales operations. By way of example and not limitation, Acer attends and exhibits its products at the annual Consumer Electronics Show (CES) trade show. See, e.g., <https://blog.acer.com/en/discussion/1415/aspire-go-14-best-budget-laptop-of-2024> (“Acer continues to set the benchmark with its latest offerings at CES 2024. The Acer

Aspire Go series, renowned for blending affordability with functionality, is introducing new models that cater to the diverse needs of consumers”). Acer attended and exhibited its products at CES during the term, and before the April 20, 2020, expiration, of the 443 Patent. *See, e.g.,* <https://www.anandtech.com/show/15299/ces-2020-acers-spin-3-spin-5-get-ice-laked> (“Today at CES 2020, Acer has introduced its new inexpensive Spin 3 and Spin 5 convertible laptops that are based on Intel’s Ice Lake processors.”) (article dated 1/5/2020).

61. On information and belief, during the term of the 443 Patent, Acer employees also used Accused Acer Products in the directly infringing manner described above, described in Appendix B hereto with respect to DP v1.2, and described in the corresponding portions of the other 443 Infringing DP Standards, when providing customer support to Acer’s actual and potential customers. By way of example and not limitation, and on information and belief, Acer employees used Accused Acer Products when troubleshooting and resolving technical issues for Acer’s actual and potential customers. In this regard, Acer offered during the term of the 443 Patent, and currently offers, robust technical support services, which services include telephone support, online support, online support libraries, and video libraries that feature articles, tutorials, and videos to assist in troubleshooting and maintaining Accused Acer Products. *See, e.g.,* <https://www.youtube.com/@AcerSupport/videos>; *see also* <https://www.acer.com/us-en/support/>.

62. By way of further example and not limitation, and on information and belief, during the term of the 443 Patent, Acer employees and/or Acer’s automated server-based customer support systems used and controlled Acer customers’ Accused Acer Products in the directly infringing manner described above, described in Appendix B hereto with respect to DP v1.2, and described in the corresponding portions of the other 443 Infringing DP Standards, when controlling customers’ Accused Acer Products during such customers’ use of, by way of example and not

limitation, Acer's "Acer Care" program, <https://service.acer.com/status/en/US> and mail-in warranty service program. <https://www.acer.com/us-en/support/contact-acer>

63. On information and belief, during the term of the 443 Patent, Acer employees also used Accused Acer Products in the directly infringing manner described above, described in Appendix B hereto with respect to DP v1.2, and described in the corresponding portions of the other 443 Infringing DP Standards, when they tested the Accused Acer Products to confirm compliance with the portions of DP v1.2 described in Appendix B hereto and/or the portions of the other 443 Infringing DP Standards. On information and belief, Acer employees conducted at least some of the testing described in this paragraph using one or more of the "DisplayPort Authorized Test Tools" previously and still available via links on VESA's website. *See, e.g.*, <https://vesa.org/authorized-test-tools/>.

64. Further, and on information and belief, with knowledge of the General Video Patents as described in paragraphs 50 to 53 above, Acer actively induced infringement of at least claims 7 and 9 of the 443 Patent, during the term of that patent, in violation of 35 U.S.C. § 271(b). On information and belief, past users and customers of the Accused Acer Products directly infringed at least claims 7 and 9 of the 443 Patent when they used the Accused Acer Products for such products' ordinary, customary, and intended use, and, in particular, used Accused Acer Products in the directly infringing manner described in Appendix B hereto with respect to DP v1.2, and described in the corresponding portions of the other 443 Infringing DP Standards. On information and belief, Acer's affirmative acts of inducement included, without limitation and with specific intent to encourage the infringement, having knowingly induced consumers to use the Accused Acer Products within the United States in the ordinary, customary, and intended way, and, in particular, in the directly infringing manner described in Appendix B hereto with respect

to DP v1.2, and described in the corresponding portions of the other 443 Infringing DP Standards, by, directly or through intermediaries, having supplied such Accused Acer Products to customers within the United States and having instructed and encouraged such customers how to use the Accused Acer Products in the ordinary, customary, and intended way, and, in particular, in the directly infringing manner described in Appendix B hereto with respect to DP v1.2, and described in the corresponding portions of the other 443 Infringing DP Standards, which use Acer knew or should have known infringed at least claims 7 and 9 of the 443 Patent. Acer's affirmative acts of inducement further included, without limitation and with specific intent to encourage the infringement, any one or a combination of encouraging and/or facilitating third-party infringement through having advertised, marketed, and disseminated the Accused Acer Products and components thereof, including DisplayPort firmware and/or drivers; and having created, published and/or provided sales, promotional, and marketing materials; supporting materials; product manuals; user guides; and/or technical support and other information relating to the Accused Acer Products and DisplayPort functionality thereof (*see, e.g.*, links in the paragraphs above to product and support pages and videos from Acer's website) during the term of the 443 Patent.

65. Further and in the alternative, on information and belief, with knowledge of the General Video Patents as described in paragraphs 50 to 53 above, Acer contributed to the infringement of at least claims 7 and 9 of the 443 Patent, during the term of that patent, in violation of 35 U.S.C. § 271(c). Users and customers of the Accused Acer Products directly infringed at least claims 7 and 9 of the 443 Patent when they used the Accused Acer Products for such products' ordinary, customary, and intended use, and, in particular, in the directly infringing manner described in Appendix B hereto with respect to DP v1.2, and described in the corresponding portions of the other 443 Infringing DP Standards. Acer's contributory infringement included,

without limitation, Acer's sale and provision of Accused Acer Products, including DisplayPort components thereof, to customers in the United States for use in practicing at least claims 7 and 9 of the 443 Patent, during the term of that patent, knowing that such products and components were material to practicing the claimed inventions, were not staple articles or commodities of commerce suitable for substantial non-infringing use, and were especially made or especially adapted for use in an infringement of the 443 Patent. Specifically, Acer sold the Accused Acer Products to customers knowing that the customers' operation of such products directly infringed at least claims 7 and 9 of the 443 Patent when used for their normal and intended purpose, and, in particular, when used in the directly infringing manner described in Appendix B hereto with respect to DP v1.2, and described in the corresponding portions of the other 443 Infringing DP Standards. The Accused Acer Products and DisplayPort components thereof were made for the specific purpose of operating as described in Appendix B hereto with respect to DP v1.2, and as described in such corresponding portions of the other 443 Infringing DP Standards, and have no substantial non-infringing use.

66. On information and belief, as of and before July 2016, Acer knew of the 443 Patent and MPEG LA's assertion that Acer was an infringer as a "company that offers products with DisplayPort technology[,] need[ed] to be licensed under the[] essential patents" (Ex. 7 hereto, representative notice letter dated March 16, 2015), including the 443 Patent (Ex. 10 hereto, DisplayPort Attachment 1, revised 12/1/2018 (providing notice of addition to the DP License of the 282 Patent, the 443 Patent, the 224 Patent, and other patents essential to DisplayPort standards)).

67. To the extent Acer was unaware of the 443 Patent and MPEG LA's assertion that the 443 Patent is essential to the 443 Infringing DP Standards and Acer, as an implementer of the

443 Infringing DP Standards and, thus, an infringer of the 443 Patent, required a license under the DP License as of, or within a reasonable time after, July 2016, then Acer should have known of the 443 Patent and MPEG LA's assertion by then but was willfully blind to the existence of the 443 Patent and its infringement of the same. For at least the foregoing reasons, Acer's infringement of the 443 Patent was willful and deliberate.

COUNT II: THE 224 PATENT

68. Appendix C hereto is an exemplary patent claim chart that details how the inventions of claims 3 and 5 of the 224 Patent were essential to implementations of DP v1.2, relative to the receipt of audio data and audio-related information associated with such audio data.⁸ The versions of the DisplayPort standard listed below include features that are identical to, or materially the same as, the features of DP v1.2 shown to infringe claims 3 and 5 of the 224 Patent in Appendix C hereto. As such, these versions of the standard also infringed the 224 Patent during the term of that patent:

- DP v1.1, introduced April 2, 2007;
- DP v1.1a, introduced January 11, 2008;
- DP v1.2a, introduced January 2013;
- DP v1.3, introduced September 15, 2014;
- DP v1.4, introduced March 1, 2016;
- DP v1.4a, introduced April 2018; and
- DP v2.0, introduced June 26, 2019

⁸ The 224 Patent expired on April 20, 2020.

(collectively with DP v1.2, the “224 Infringing DP Standards”). Thus, whoever made, used, offered for sale, or sold any product that complied with, implemented, and/or embodied the portions of DP v1.2 described in Appendix C hereto, and/or complied with, implemented, and/or embodied the corresponding portions of the other 224 Infringing DP Standards, during the term of the 224 Patent, directly infringed claims 3 and 5 of that patent in violation of 35 U.S.C. § 271(a). *See, e.g., Fujitsu*, 620 F.3d at 1328 (Fed. Cir. 2010) (although “claims should be compared to the accused product to determine infringement,” “if an accused product operates in accordance with a standard, then comparing the claims to that standard is the same as comparing the claims to the accused product”).

69. During the term of the 224 Patent, Acer directly infringed at least claims 3 and 5 of that patent by making, using, selling, and/or offering to sell in, and/or importing into, the United States Accused Acer Products that complied with, implemented, and embodied the description provided in Appendix C hereto with respect to DP v1.2, and the descriptions provided in the corresponding portions of the other 224 Infringing DP Standards.

70. By way of example and not limitation, and on information and belief, during the term of the 224 Patent, Acer directly infringed at least claims 3 and 5 of that patent by selling and offering to sell Accused Acer Products such as certain Accused Acer Monitors, that included a receiver operable to analyze and process audio data and audio-related information associated with the audio data in the infringing manner described in Appendix C hereto. *See, e.g., Sorrell Holdings, LLC v. Infinity Headwear & Apparel, LLC*, 2024 WL 413432, at *3 (Fed. Cir. Feb. 5, 2024) (“For an ‘accused device[] to be infringing, [it] need only be capable operating’ in the infringing manner.”) (bracketed text in original) (quoting *Intel Corp. v. U.S. Int’l Trade Comm’n*, 946 F.2d 821, 832 (Fed. Cir. 1991)). Evidence of actual operation is not required to prove infringement of

apparatus claims 3 and 5 of the 224 Patent. However, on information and belief, there are numerous examples of Accused Acer Monitors actually operating in the directly infringing manner described in Appendix C hereto with respect to DP v1.2, and described in the corresponding portions of the other 224 Infringing DP Standards, during the term of the 224 Patent. An example is whenever audio signals were transmitted from Accused Acer Laptops and Accused Acer Desktops via a DisplayPort connection to Accused Acer Monitors, where such audio signals were capable of being played as audible sound through (i) one or more built-in speakers on the monitor(s), (ii) one or more external speakers connected to an audio line-out port on the monitor(s), or (iii) headphones or earphones connected to an audio line-out port on the monitor(s). On its website, Acer explains that “DisplayPort, developed by the Video Electronics Standards Association (VESA), is a digital interface designed primarily for transmitting video from PCs to monitors, although it can also carry audio and data. Since its debut in 2006, there have been multiple versions, with DisplayPort 1.4, a feature-based upgrade, being the most prevalent in modern devices.” <https://blog.acer.com/en/discussion/968/displayport-2-1-vs-hdmi-2-1-which-is-better-for-pc-gaming> (last visited August 29, 2024). Acer further explains, “The standard DisplayPort connector has a 20-pin design with a lock for secure connection, but there’s also a Mini DisplayPort variant without this feature. Recently, Mini DisplayPort has given way to USB-C, which can deliver DisplayPort capabilities via DisplayPort Alt Mode.” *Id.*

71. During the term of the 224 Patent, Acer advertised Accused Acer Monitors as supporting DisplayPort media connectivity, including audio connectivity. By way of example and not limitation, as of and before April 20, 2020, Acer made, used, offered for sale, and sold its Predator Z35 Widescreen LCD Monitor Z35P bmiphz (Product # UM.CZ1AA.P01), which

featured a DisplayPort media connectivity port and a “Speaker Output Power” of 9W.⁹ This and any other Accused Acer Monitor sold and offered for sale before the April 20, 2020, expiration of the 224 Patent that supported media connectivity using an Infringing DP Standard and included either an audio line-out and/or built-in speakers infringed at least claims 3 and 5 of the 224 Patent.

72. On information and belief, and in addition to Acer’s direct infringement as described in paragraph 70 above, during the term of the 224 Patent, Acer directly infringed at least claims 3 and 5 of the 224 Patent by using Accused Acer Products in the directly infringing manner described in Appendix C hereto with respect to DP v1.2, and described in the corresponding portions of the other 224 Infringing DP Standards.

73. By way of example and not limitation, and on information and belief, during the term of the 224 Patent, Acer employees used Accused Acer Monitors in such an infringing manner when transmitting audio signals from Accused Acer Laptops and Accused Acer Desktops via a DisplayPort connection to Accused Acer Monitors, where, as discussed in the paragraphs above, such audio signals were played as audible sound through (i) one or more built-in speakers on the monitor(s), (ii) one or more external speakers connected to an audio line-out port on the monitor(s), or (iii) headphones or earphones connected to an audio line-out port on the monitor(s).

74. By way of example and not limitation, and on information and belief, during the term of the 224 Patent, Acer employees used Accused Acer Monitors in the directly infringing manner described in paragraph 70 above, described in Appendix C hereto with respect to DP v1.2, and described in the corresponding portions of the other 224 Infringing DP Standards, when transmitting, receiving, playing, and/or recording audio signals at, between, and/or among Acer’s

⁹ See, e.g., <https://www.acer.com> (archived at Wayback Machine, <https://web.archive.org/web/20190811230501/https://us-store.acer.com/monitors/> (capture date 8/11/2019)) and <https://store.acer.com/en-us/24-predator-gaming-monitor-xb241h> (last visited 8/26/2024).

offices in the United States. *See, e.g.*, https://careers.acer.com/search/?createNewAlert=false&q=&optionsFacetsDD_shifttype=&optionsFacetsDD_country=US&optionsFacetsDD_dept=&optionsFacetsDD_city= (last visited 8/29/2024). On information and belief, one of numerous examples of such directly infringing uses was when Acer employees participated in video conferences or Voice over Internet Protocol (VoIP) calls using an Accused Acer Laptop, Accused Acer Desktop, or Accused Acer Graphics Card connected to an Accused Acer Monitor as described above.

75. On information and belief, another example of such directly infringing use during the term of the 224 Patent was when Acer employees streamed or played recorded or real-time audio-video content using Accused Acer Laptops and Accused Acer Desktops such as those described in paragraph 71 above, and other Accused Acer Laptops and Desktops connected to Accused Acer Monitors, such as the one described in paragraph 71 above, and other Accused Acer Monitors, in the manner generally described in paragraph 70 above, described in Appendix C hereto with respect to DP v1.2, and described in the corresponding portions of the other 224 Infringing DP Standards. On information and belief, one of numerous examples of such directly infringing uses was when Acer employees played on an Accused Acer Laptop or Accused Acer Desktop connected to an Accused Acer Monitor as described above any of the hundreds of videos with audio content that Acer itself made available for streaming on its Acer Support YouTube Channel. *See* <https://www.youtube.com/@AcerSupport/videos> (“A great library of useful how-to videos providing visual answers to your most frequently asked support questions for your Acer product.”).

76. On information and belief, during the term of the 224 Patent, Acer employees also used Accused Acer Monitors in the directly infringing manner described above, described in Appendix C hereto with respect to DP v1.2, and described in the corresponding portions of the

other 224 Infringing DP Standards, when they demonstrated Accused Acer Products to actual and potential customers of Accused Acer Products at trade shows, during product demonstrations, and – generally – as part of Acer’s marketing and sales operations. By way of example and not limitation, Acer attends and exhibits its products at the annual Consumer Electronics Show (CES) trade show. *See, e.g.*, <https://blog.acer.com/en/discussion/1415/aspire-go-14-best-budget-laptop-of-2024> (“Acer continues to set the benchmark with its latest offerings at CES 2024. The Acer Aspire Go series, renowned for blending affordability with functionality, is introducing new models that cater to the diverse needs of consumers”). Acer attended and exhibited its products at CES during the term, and before the April 20, 2020, expiration, of the 224 Patent. *See, e.g.*, <https://www.anandtech.com/show/15299/ces-2020-acers-spin-3-spin-5-get-ice-laked> (“Today at CES 2020, Acer has introduced its new inexpensive Spin 3 and Spin 5 convertible laptops that are based on Intel’s Ice Lake processors.”) (article dated 1/5/2020).

77. On information and belief, during the term of the 224 Patent, Acer employees also used Accused Acer Monitors in the directly infringing manner described above, described in Appendix C hereto with respect to DP v1.2, and described in the corresponding portions of the other 224 Infringing DP Standards, when providing customer support to Acer’s actual and potential customers. By way of example and not limitation, and on information and belief, Acer employees used Accused Acer Products when troubleshooting and resolving technical issues for Acer’s actual and potential customers. In this regard, Acer offered during the term of the 224 Patent, and currently offers, robust technical support services, which services include telephone support, online support, online support libraries, and video libraries that feature articles, tutorials, and videos to assist in troubleshooting and maintaining Accused Acer Products. *See, e.g.*, <https://www.youtube.com/@AcerSupport/videos>; *see also* <https://www.acer.com/us-en/support/>.

78. By way of further example and not limitation, and on information and belief, during the term of the 224 Patent, Acer employees and/or Acer's automated server-based customer support systems used and controlled Acer customers' Accused Acer Products in the directly infringing manner described above, described in Appendix C hereto with respect to DP v1.2, and described in the corresponding portions of the other 224 Infringing DP Standards, when controlling customers' Accused Acer Products during such customers' use of, by way of example and not limitation, Acer's "Acer Care" program, <https://service.acer.com/status/en/US> and mail-in warranty service program. <https://www.acer.com/us-en/support/contact-acer>.

79. On information and belief, during the term of the 224 Patent, Acer employees also used Accused Acer Monitors in the directly infringing manner described above, described in Appendix C hereto with respect to DP v1.2, and described in the corresponding portions of the other 224 Infringing DP Standards, when they tested the Accused Acer Monitors to confirm compliance with the portions of DP v1.2 described in Appendix C hereto and/or the corresponding portions of the other 224 Infringing DP Standards. On information and belief, Acer employees conducted at least some of the testing described in this paragraph using one or more of the "DisplayPort Authorized Test Tools" previously and still available via links on VESA's website. *See, e.g.,* <https://vesa.org/authorized-test-tools/>.

80. Further, and on information and belief, with knowledge of the General Video Patents as described in paragraphs 50 to 53 above, Acer actively induced infringement of at least claims 3 and 5 of the 224 Patent, during the term of that patent, in violation of 35 U.S.C. § 271(b). On information and belief, past users and customers of the Accused Acer Products directly infringed at least claims 3 and 5 of the 224 Patent when they used the Accused Acer Products for such products' ordinary, customary, and intended use, and, in particular, used Accused Acer

Products in the directly infringing manner described in Appendix C hereto with respect to DP v1.2, and described in the corresponding portions of the other 224 Infringing DP Standards. On information and belief, Acer's affirmative acts of inducement included, without limitation and with specific intent to encourage the infringement, having knowingly induced consumers to use the Accused Acer Products within the United States in the ordinary, customary, and intended way, and, in particular, in the directly infringing manner described in Appendix C hereto with respect to DP v1.2, and described in the corresponding portions of the other 224 Infringing DP Standards, by, directly or through intermediaries, having supplied such Accused Acer Products to customers within the United States and having instructed and encouraged such customers how to use the Accused Acer Products in the ordinary, customary, and intended way, and, in particular, in the directly infringing manner described in Appendix C hereto with respect to DP v1.2, and described in the corresponding portions of the other 224 Infringing DP Standards, which use Acer knew or should have known infringed at least claims 3 and 5 of the 224 Patent. Acer's affirmative acts of inducement further included, without limitation and with specific intent to encourage the infringement, any one or a combination of encouraging and/or facilitating third-party infringement through having advertised, marketed, and disseminated the Accused Acer Products and components thereof, including DisplayPort firmware and/or drivers; and having created, published and/or provided sales, promotional, and marketing materials; supporting materials; product manuals; user guides; and/or technical support and other information relating to the Accused Acer Products and DisplayPort functionality thereof (*see, e.g.*, links in the paragraphs above to product and support pages and videos from Acer's website) during the term of the 224 Patent.

81. Further and in the alternative, on information and belief, with knowledge of the General Video Patents as described in paragraphs 50 to 53 above, Acer contributed to the

infringement of at least claims 3 and 5 of the 224 Patent, during the term of that patent, in violation of 35 U.S.C. § 271(c). Users and customers of the Accused Acer Products directly infringed at least claims 3 and 5 of the 224 Patent when they used the Accused Acer Products for such products' ordinary, customary, and intended use, and, in particular, in the directly infringing manner described in Appendix C hereto with respect to DP v1.2, and described in the corresponding portions of the other 224 Infringing DP Standards. Acer's contributory infringement included, without limitation, Acer's sale and provision of Accused Acer Products, including DisplayPort components thereof, to customers in the United States for use in practicing at least claims 3 and 5 of the 224 Patent, during the term of that patent, knowing that such products and components were material to practicing the claimed inventions, were not staple articles or commodities of commerce suitable for substantial non-infringing use, and were especially made or especially adapted for use in an infringement of the 224 Patent. Specifically, Acer sold the Accused Acer Products to customers knowing that the customers' operation of such products directly infringed at least claims 3 and 5 of the 224 Patent when used for their normal and intended purpose, and, in particular, when used in the directly infringing manner described in Appendix C hereto with respect to DP v1.2, and described in the corresponding portions of the other 224 Infringing DP Standards. The Accused Acer Products and DisplayPort components thereof were made for the specific purpose of operating according to the one or more of the Infringing DP Standards and had no substantial non-infringing use.

82. On information and belief, as of and before July 2016, Acer knew of the 224 Patent and MPEG LA's assertion that Acer was an infringer as a "company that offers products with DisplayPort technology[,] need[ed] to be licensed under the[] essential patents" (Ex. 7 hereto, representative notice letter dated March 16, 2015), including the 443 Patent (Ex. 10 hereto,

DisplayPort Attachment 1, revised 12/1/2018 (providing notice of addition to the DP License of the 282 Patent, the 443 Patent, the 224 Patent, and other patents essential to DisplayPort standards)).

83. To the extent Acer was unaware of the 224 Patent and MPEG LA's assertion that the 224 Patent is essential to the 224 Infringing DP Standards and Acer, as an implementer of the 224 Infringing DP Standards and, thus, an infringer of the 224 Patent, required a license under the DP License as of, or within a reasonable time after, July 2016, then Acer should have known of the 224 Patent and MPEG LA's assertion by then but was willfully blind to the existence of the 224 Patent and its infringement of the same. For at least the foregoing reasons, Acer's infringement of the 224 Patent was willful and deliberate.

COUNT III: THE 282 PATENT

84. Appendix D hereto is an exemplary patent claim chart that details how the invention of claim 1 of the 282 Patent is essential to implementations of DP v1.2, relative to the bi-directional transmission of data between a source device (e.g., a desktop or laptop computer) and a sink device (e.g., a computer monitor). The versions of the DisplayPort and eDP standards listed below include features that are either identical to, or materially the same as, the features of DP v1.2 shown to infringe claim 1 of the 282 Patent in Appendix D hereto. As such, these versions of the DisplayPort and eDP standards also infringe the 282 Patent:

- DP v1.1, introduced April 2, 2007;
 - DP v1.1a, introduced January 11, 2008;
 - DP v1.2a, introduced January 2013;
 - DP v1.3, introduced September 15, 2014;
 - DP v1.4, introduced March 1, 2016;
 - DP v1.4a, introduced April 2018;
 - DP v2.0, introduced June 26, 2019; and
 - DP v2.1, introduced October 17, 2022
- eDP v1.1, introduced October 2009;
 - eDP v1.2, introduced May 2010;
 - eDP v1.3, introduced February 2011;
 - eDP v1.4, introduced February 2013;
 - eDP v1.4a, introduced February 2015;
 - eDP v1.4b, introduced October 2015; and
 - eDP v1.5, introduced October 2021

(collectively with DP v1.2, the “282 Infringing DP Standards”). Thus, whoever uses one or more products to perform the methods described in Appendix D hereto with respect to DP v1.2, and described in the corresponding portions of the other 282 Infringing DP Standards, directly infringes claim 1 of the 282 Patent in violation of 35 U.S.C. § 271(a). *See, e.g., Fujitsu*, 620 F.3d at 1328 (Fed. Cir. 2010) (although “claims should be compared to the accused product to determine infringement,” “if an accused product operates in accordance with a standard, then comparing the claims to that standard is the same as comparing the claims to the accused product”).

85. On information and belief, Acer directly infringes at least claim 1 of the 282 Patent by using Accused Acer Products in a manner that complies with the description provided in Appendix D hereto with respect to DP v1.2, and the descriptions provided in the corresponding portions of the other 282 Infringing DP Standards.

86. By way of example and not limitation, and on information and belief, Acer employees use the Accused Acer Products in such a directly infringing manner when transmitting data, such as video and audio data, from Accused Acer Laptops, Accused Acer Desktops, and any

desktop computers with installed Accused Acer Graphics Cards¹⁰ via a DisplayPort connection to Accused Acer Monitors. On its website, Acer explains that “DisplayPort, developed by the Video Electronics Standards Association (VESA), is a digital interface designed primarily for transmitting video from PCs to monitors, although it can also carry audio and data. Since its debut in 2006, there have been multiple versions, with DisplayPort 1.4, a feature-based upgrade, being the most prevalent in modern devices.” <https://blog.acer.com/en/discussion/968/displayport-2-1-vs-hdmi-2-1-which-is-better-for-pc-gaming> (last visited August 29, 2024). Acer further explains, “The standard DisplayPort connector has a 20-pin design with a lock for secure connection, but there’s also a Mini DisplayPort variant without this feature. Recently, Mini DisplayPort has given way to USB-C, which can deliver DisplayPort capabilities via DisplayPort Alt Mode.” *Id.* As explained in paragraphs 26 to 49 above, Acer advertises all the Accused Acer Laptops, Desktops, Graphics Cards, and Monitors as supporting DisplayPort media connectivity. By way of further example and not limitation, and on information and belief, Acer employees and Acer customers also use Accused Acer Laptops in a directly infringing manner during any operation of an Accused Acer Laptop because such operation complies with the description provided in Appendix D hereto with respect to DP v1.2, and the descriptions provided in the corresponding portions of the other 282 Infringing DP Standards, including the corresponding portions of the eDP subset of such 282 Infringing DP Standards, by facilitating the bi-directional transmission of data between such Accused Acer Laptop’s iGPU/dGPU and such Accused Acer Laptop’s screen/display as recited in claim 1 of the 282 Patent. The independent ground for direct infringement by standalone use of an Accused Acer Laptop described in the preceding sentence applies in addition to, and irrespective

¹⁰ Relative to the Accused Acer Graphics Cards, the alleged direct infringement of method claim 1 of the 282 Patent by Acer and Acer’s customers in this Count III presumes performance of the claimed methods by Acer and Acer’s customers’ use, in part, of computers having installed Accused Acer Graphics Cards.

of, the several examples of direct infringement by Acer employees and Acer customers described in paragraphs 87 to 94 below.

87. By way of example and not limitation, and on information and belief, Acer employees have used, and continue to use, Accused Acer Products in a manner that directly infringes claim 1 of the 282 Patent as described above, as described in Appendix D hereto with respect to DP v1.2, and as described in the corresponding portions of the other 282 Infringing DP Standards, when operating Accused Acer Laptops, Accused Acer Desktops, and Accused Acer Graphics Cards connected to Accused Acer Monitors via a DisplayPort connection at, between, and/or among Acer's offices in the United States. *See, e.g.,* https://careers.acer.com/search/?createNewAlert=false&q=&optionsFacetsDD_shifttype=&optionsFacetsDD_country=US&optionsFacetsDD_dept=&optionsFacetsDD_city= (last visited 8/29/2024). On information and belief, one of numerous examples of such directly infringing uses was when Acer employees participated in video conferences or Voice over Internet Protocol (VoIP) calls using an Accused Acer Laptop, Accused Acer Desktop, or Accused Acer Graphics Card connected to an Accused Acer Monitor as described above.

88. On information and belief, another example of Acer employees having used, and continuing to use, Accused Acer Products in a manner that directly infringes claim 1 of the 282 Patent is when Acer employees stream or play recorded or real-time video content using an Accused Acer Laptop, Accused Acer Desktop, or Accused Acer Graphics Card connected to an Accused Acer Monitor via a DisplayPort connection as described above. On information and belief, one of numerous examples of such directly infringing uses is when Acer employees play on an Accused Acer Laptop, Accused Acer Desktop, or Accused Acer Graphics Card connected to an Accused Acer Monitor as described above any of the hundreds of videos with audio content

that Acer itself made available for streaming on its Acer Support YouTube Channel. *See* <https://www.youtube.com/@AcerSupport/videos> (“A great library of useful how-to videos providing visual answers to your most frequently asked support questions for your Acer product.”).

89. On information and belief, Acer employees have also used, and continue to use, Accused Acer Products in a manner that directly infringes claim 1 of the 282 Patent as described above, as described in Appendix D hereto with respect to DP v1.2, and as described in the corresponding portions of the other 282 Infringing DP Standards, when they demonstrate Accused Acer Products to actual and potential customers of Accused Acer Products at trade shows, during product demonstrations, and – generally – as part of Acer’s marketing and sales operations. By way of example and not limitation, Acer attends and exhibits its products at the annual Consumer Electronics Show (CES) trade show. *See, e.g.,* <https://blog.acer.com/en/discussion/1415/aspire-go-14-best-budget-laptop-of-2024> (“Acer continues to set the benchmark with its latest offerings at CES 2024. The Acer Aspire Go series, renowned for blending affordability with functionality, is introducing new models that cater to the diverse needs of consumers”). Acer attended and exhibited its products at CES during the term, and before the April 20, 2020, expiration, of the 443 Patent. *See, e.g.,* <https://www.anandtech.com/show/15299/ces-2020-acers-spin-3-spin-5-get-ice-laked> (“Today at CES 2020, Acer has introduced its new inexpensive Spin 3 and Spin 5 convertible laptops that are based on Intel’s Ice Lake processors.”) (article dated 1/5/2020).

90. On information and belief, Acer employees have also used, and continue to use, Accused Acer Products in a manner that directly infringes claim 1 of the 282 Patent as described above, as described in Appendix D hereto with respect to DP v1.2, and as described in the corresponding portions of the 282 Infringing DP Standards, when providing customer support to Acer’s actual and potential customers. By way of example and not limitation, and on information

and belief, Acer employees have used, and continue to use, Accused Acer Products when troubleshooting and resolving technical issues for Acer's actual and potential customers. In this regard, Acer has in the past offered, and currently offers, robust technical support services, which services include telephone support, online support, online support libraries, and video libraries that feature articles, tutorials, and videos to assist in troubleshooting and maintaining Accused Acer Products. *See, e.g.,* <https://www.youtube.com/@AcerSupport/videos>; *see also* <https://www.acer.com/us-en/support/>.

91. By way of further example and not limitation, and on information and belief, Acer employees and/or Acer's automated server-based customer support systems have used and controlled, and continue to use and control, Acer customers' Accused Acer Products in the directly infringing manner described above, described in Appendix D hereto with respect to DP v1.2, and described in the corresponding portions of the other 282 Infringing DP Standards, when controlling customers' Accused Acer Products during such customers' use of, by way of example and not limitation, Acer's "Acer Care" program, <https://service.acer.com/status/en/US> and mail-in warranty service program. <https://www.acer.com/us-en/support/contact-acer>.

92. On information and belief, Acer employees have also used, and continued to use, Accused Acer Products in the directly infringing manner described in Appendix D hereto with respect to DP v1.2, and described in the corresponding portions of the other 282 Infringing DP Standards, when they have tested, and continue to test, the Accused Acer Products to confirm compliance with the portions of DP v1.2 described in Appendix D hereto and/or the corresponding portions of the other 282 Infringing DP Standards. On information and belief, Acer employees conducted at least some of the testing described in this paragraph using one or more of the

“DisplayPort Authorized Test Tools” made available via links on VESA’s website. *See, e.g.*, <https://vesa.org/authorized-test-tools/>.

93. Further, and on information and belief, with knowledge of the General Video Patents as described in paragraphs 50 to 53 above, Acer has been actively inducing, and continues to actively induce, infringement of at least claim 1 of the 282 Patent in violation of 35 U.S.C. § 271(b). Users and customers of the Accused Acer Products have directly infringed and continue to directly infringe at least claim 1 of the 282 Patent when they use the Accused Acer Products for such products’ ordinary, customary, and intended use, including by operation as described in Appendix D hereto with respect to DP v1.2, as described in the corresponding portions of the other 282 Infringing DP Standards, and, with respect to the standalone use of Accused Acer Laptops, as described in paragraph 86 above. Acer’s affirmative acts of inducement have included, and continue to include, without limitation and with specific intent to encourage the infringement, knowingly inducing consumers to use the Accused Acer Products within the United States in the ordinary, customary, and intended way by, directly or through intermediaries, supplying such Accused Acer Products to customers within the United States and instructing and encouraging such customers how to use the Accused Acer Products in the ordinary, customary, and intended way, which Acer knows or should know infringes at least claim 1 of the 282 Patent. Acer’s affirmative acts of inducement have further included and continue to include, without limitation and with specific intent to encourage the infringement, any one or a combination of encouraging and/or facilitating third-party infringement through the advertisement, marketing, and dissemination of the Accused Acer Products and components thereof; including DisplayPort firmware and/or drivers; and creating, publishing, and/or providing sales, promotional, and marketing materials; supporting materials; product manuals; user guides; and/or technical support

and information relating to the Accused Acer Products and DisplayPort functionality thereof (*see, e.g.*, links in the paragraphs above to product and support pages and videos from Acer's website).

94. Further and in the alternative, on information and belief, with knowledge of the General Video Patents as described in paragraphs 50 to 53 above, Acer has been contributing to, and continues to contribute to, the infringement of at least claim 1 of the 282 Patent in violation of 35 U.S.C. § 271(c). Users and customers of the Accused Acer Products have directly infringed and continue to directly infringe at least claim 1 of the 282 Patent when they use the Accused Acer Products for such products' ordinary, customary, and intended use, and, in particular, in the directly infringing manner described in Appendix D hereto with respect to DP v1.2, as described in the corresponding portions of the other 282 Infringing DP Standards, and, with respect to the standalone use of Accused Acer Laptops, as described in paragraph 86 above. Acer's contributory infringement has included and continues to include, without limitation, Acer's sale and provision of Accused Acer Products, including DisplayPort components thereof, to customers in the United States for use in practicing at least claim 1 of the 282 Patent, knowing that such products and components are material to practicing the claimed inventions, are not staple articles or commodities of commerce suitable for substantial non-infringing use, and are especially made or especially adapted for use in an infringement of the 282 Patent. Specifically, Acer has sold, and continues to sell, the Accused Acer Products and components thereof to customers knowing that the customers' operation of such products directly infringes at least claim 1 of the 282 Patent when used for their normal and intended purpose, and, in particular, when used in the directly infringing manner described in Appendix D hereto with respect to DP v1.2, as described in the corresponding portions of the other 282 Infringing DP Standards, and, with respect to the standalone use of Accused Acer Laptops, as described in paragraph 86 above. The Accused Acer Products and

DisplayPort components thereof have been made, and are made, for the specific purpose of operating as described in Appendix D hereto with respect to DP v1.2, as described in such corresponding portions of the other 282 Infringing DP Standards, and, with respect to the standalone use of Accused Acer Laptops, as described in paragraph 86 above, and have no substantial non-infringing use.

95. On information and belief, as of and before July 2016, Acer knew of the 282 Patent and MPEG LA's assertion that Acer was an infringer as a "company that offers products with DisplayPort technology[,] need[ed] to be licensed under the[] essential patents" (Ex. 7 hereto, representative notice letter dated March 16, 2015), including the 443 Patent (Ex. 10 hereto, DisplayPort Attachment 1, revised 12/1/2018 (providing notice of addition to the DP License of the 282 Patent, the 443 Patent, the 224 Patent, and other patents essential to DisplayPort standards)).

96. To the extent Acer was unaware of the 282 Patent and MPEG LA's assertion that the 282 Patent is essential to the 282 Infringing DP Standards and Acer, as an implementer of the 282 Infringing DP Standards and, thus, an infringer of the 282 Patent, required a license under the DP License as of, or within a reasonable time after, July 2016, then Acer should have known of the 282 Patent and MPEG LA's assertion by then but was willfully blind to the existence of the 282 Patent and its infringement of the same. For at least the foregoing reasons, Acer's infringement of the 282 Patent has been, and continues to be, willful and deliberate.

97. By the time of the trial of this case, Acer will have known and intended that its continued actions since receiving the notice described above and, additionally, since receiving the notice provided by this Complaint, would infringe and actively induce and contribute to the

infringement of at least claim 1 of the 282 Patent. For this reason as well, Acer's infringement of the 282 Patent has been, and continues to be, willful and deliberate.

COUNT IV: THE 437 PATENT

98. Appendix E hereto is an exemplary patent claim chart that details how the invention of claim 41 of the 437 Patent is essential to implementations of DP v1.2, relative to encoding data for transmission over a serial link. The versions of the DisplayPort and eDP standards listed below include features that are either identical to, or materially the same as, the features of DP v1.2 shown to infringe claim 41 of the 437 Patent in Appendix E hereto. As such, these versions of the DisplayPort and eDP standards also infringe the 437 Patent:

- DP v1.0, introduced May 3, 2006;
- DP v1.1, introduced April 2, 2007;
- DP v1.1a, introduced January 11, 2008;
- DP v1.2a, introduced January 2013;
- DP v1.3, introduced September 15, 2014;
- DP v1.4, introduced March 1, 2016;
- DP v1.4a, introduced April 2018;
- DP v2.0, introduced June 26, 2019;
and
- DP v2.1, introduced October 17, 2022
- eDP v1.1, introduced October 2009;
- eDP v1.2, introduced May 2010;
- eDP v1.3, introduced February 2011;
- eDP v1.4, introduced February 2013;
- eDP v1.4a, introduced February 2015;
- eDP v1.4b, introduced October 2015; and
- eDP v1.5, introduced October 2021

(collectively with DP v1.2, the "437 Infringing DP Standards"). Thus, whoever uses one or more products to perform the methods described in Appendix E hereto with respect to DP v1.2, and described in the corresponding portions of the other 437 Infringing DP Standards, directly infringes claim 41 of the 437 Patent in violation of 35 U.S.C. § 271(a). *See, e.g., Fujitsu Ltd. v.*

Netgear Inc., 620 F.3d 1321, 1328 (Fed. Cir. 2010) (although “claims should be compared to the accused product to determine infringement,” “if an accused product operates in accordance with a standard, then comparing the claims to that standard is the same as comparing the claims to the accused product”).

99. On information and belief, Acer directly infringes claim 41 of the 437 Patent by using Accused Acer Products in a manner that complies with the description provided in Appendix E hereto with respect to DP v1.2, and the descriptions provided in the corresponding portions of the other 437 Infringing DP Standards.

100. By way of example and not limitation, and on information and belief, Acer employees have used, and continue to use, the Accused Acer Products in such a directly infringing manner when transmitting data from Accused Acer Laptops, Accused Acer Desktops, and any desktop computers with installed Accused Acer Graphics Cards¹¹ via a DisplayPort connection to Accused Acer Monitors or other non-Acer monitors. On its website, Acer explains that “DisplayPort, developed by the Video Electronics Standards Association (VESA), is a digital interface designed primarily for transmitting video from PCs to monitors, although it can also carry audio and data. Since its debut in 2006, there have been multiple versions, with DisplayPort 1.4, a feature-based upgrade, being the most prevalent in modern devices.” <https://blog.acer.com/en/discussion/968/displayport-2-1-vs-hdmi-2-1-which-is-better-for-pc-gaming> (last visited August 29, 2024). Acer further explains, “[t]he standard DisplayPort connector has a 20-pin design with a lock for secure connection, but there's also a Mini DisplayPort variant without this feature. Recently, Mini DisplayPort has given way to USB-C, which can deliver DisplayPort capabilities

¹¹ Relative to the Accused Acer Graphics Cards, the alleged direct infringement of method claim 41 of the 437 Patent by Acer and Acer’s customers in this Count I presumes performance of the claimed methods by Acer and Acer’s customers’ use, in part, of computers having installed Accused Acer Graphics Cards.

via DisplayPort Alt Mode.” *Id.* As explained in paragraphs 26 to 49 above, Acer advertises all the Accused Acer Laptops, Desktops, Graphics Cards, and Monitors as supporting DisplayPort media connectivity. By way of further example and not limitation, and on information and belief, Acer employees and Acer customers also use Accused Acer Laptops in a directly infringing manner during any operation of an Accused Acer Laptop because such operation complies with the description provided in Appendix D hereto with respect to DP v1.2, and the descriptions provided in the corresponding portions of the other 437 Infringing DP Standards, including the corresponding portions of the eDP subset of such 437 Infringing DP Standards, by facilitating the encoding of data for transmission over a serial link between such Accused Acer Laptop’s iGPU/dGPU and such Accused Acer Laptop’s screen/display as recited in claim 41 of the 437 Patent. The independent ground for direct infringement by standalone use of an Accused Acer Laptop described in the preceding sentence applies in addition to, and irrespective of, the several examples of direct infringement by Acer employees and Acer customers described in paragraphs 101 to 108 below.

101. By way of example and not limitation, and on information and belief, Acer employees have used, and continue to use, Accused Acer Products in a manner that directly infringes claim 41 of the 437 Patent as described above, as described in Appendix E hereto with respect to DP v1.2, and as described in the corresponding portions of the other 437 Infringing DP Standards, when operating Accused Acer Laptops, Accused Acer Desktops, and Accused Acer Graphics Cards connected to Accused Acer Monitors via a DisplayPort connection at, between, and/or among Acer’s offices in the United States. *See, e.g.,* https://careers.acer.com/search/?createNewAlert=false&q=&optionsFacetsDD_shifttype=&optionsFacetsDD_country=US&optionsFacetsDD_dept=&optionsFacetsDD_city= (last visited 8/29/2024). On information and belief,

one of numerous examples of such directly infringing uses was when Acer employees participated in video conferences or Voice over Internet Protocol (VoIP) calls using an Accused Acer Laptop, Accused Acer Desktop, or Accused Acer Graphics Card connected to an Accused Acer Monitor as described above.

102. On information and belief, another example of Acer employees having used, and continuing to use, Accused Acer Products in a manner that directly infringes claim 41 of the 437 Patent is when Acer employees stream or play recorded or real-time video content using an Accused Acer Laptop, Accused Acer Desktop, or Accused Acer Graphics Card connected to an Accused Acer Monitor via a DisplayPort connection as described above. On information and belief, one of numerous examples of such directly infringing uses is when Acer employees play on an Accused Acer Laptop, Accused Acer Desktop, or Accused Acer Graphics Card connected to an Accused Acer Monitor as described above any of the hundreds of videos with audio content that Acer itself made available for streaming on its Acer Support YouTube Channel. *See* <https://www.youtube.com/@AcerSupport/videos> (“A great library of useful how-to videos providing visual answers to your most frequently asked support questions for your Acer product.”).

103. On information and belief, Acer employees have also used, and continue to use, Accused Acer Products in a manner that directly infringes claim 41 of the 437 Patent as described above, as described in Appendix E hereto with respect to DP v1.2, and as described in the corresponding portions of the other 437 Infringing DP Standards with respect to the same claims, when they demonstrate Accused Acer Products to actual and potential customers of Accused Acer Products at trade shows, during product demonstrations, and – generally – as part of Acer’s marketing and sales operations *See, e.g.*, <https://blog.acer.com/en/discussion/1415/aspire-go-14-best-budget-laptop-of-2024> (“Acer continues to set the benchmark with its latest offerings at CES

2024. The Acer Aspire Go series, renowned for blending affordability with functionality, is introducing new models that cater to the diverse needs of consumers”). Acer attended and exhibited its products at CES during the term, and before the April 20, 2020, expiration, of the 443 Patent. *See, e.g.*, <https://www.anandtech.com/show/15299/ces-2020-acers-spin-3-spin-5-get-ice-laked> (“Today at CES 2020, Acer has introduced its new inexpensive Spin 3 and Spin 5 convertible laptops that are based on Intel’s Ice Lake processors.”) (article dated 1/5/2020).

104. On information and belief, Acer employees have also used, and continue to use, Accused Acer Products in a manner that directly infringes claim 41 of the 437 Patent as described above, as described in Appendix E hereto with respect to DP v1.2, and as described in the corresponding portions of the 437 Infringing DP Standards, when providing customer support to Acer’s actual and potential customers. By way of example and not limitation, and on information and belief, Acer employees have used, and continue to use, Accused Acer Products when troubleshooting and resolving technical issues for Acer’s actual and potential customers. In this regard, Acer has in the past offered, and currently offers, robust technical support services, which services include telephone support, online support (including but not limited to the “Acer Virtual Repair Center”), and online support libraries and video libraries that feature articles, tutorials, and videos to assist in troubleshooting and maintaining Accused Acer Products. *See, e.g.*, <https://www.youtube.com/@AcerSupport/videos>; *see also* <https://www.acer.com/us-en/support/>.

105. By way of further example and not limitation, and on information and belief, Acer employees and/or Acer’s automated server-based customer support systems have used and controlled, and continue to use and control, Acer customers’ Accused Acer Products in the directly infringing manner described above, described in Appendix E hereto with respect to DP v1.2, and described in the corresponding portions of the other 437 Infringing DP Standards, when controlling

customers' Accused Acer Products during such customers' use of, by way of example and not limitation, Acer's "Acer Care" program, <https://service.acer.com/status/en/US> and mail-in warranty service program. <https://www.acer.com/us-en/support/contact-acer>.

106. On information and belief, Acer employees have also used, and continued to use, Accused Acer Products in the directly infringing manner described in Appendix E hereto with respect to DP v1.2, and described in the corresponding portions of the other 437 Infringing DP Standards, when they have tested, and continue to test, the Accused Acer Products to confirm compliance with the portions of DP v1.2 described in Appendix E hereto and/or the corresponding portions of the other 437 Infringing DP Standards. On information and belief, Acer employees conducted at least some of the testing described in this paragraph using one or more of the "DisplayPort Authorized Test Tools" made available via links on VESA's website. *See, e.g.*, <https://vesa.org/authorized-test-tools/>.

107. Further, and on information and belief, with knowledge of the General Video Patents as described in paragraphs 50 to 53 above, Acer has been actively inducing, and continues to actively induce, infringement of at least claim 41 of the 437 Patent in violation of 35 U.S.C. § 271(b). Users and customers of the Accused Acer Products have directly infringed and continue to directly infringe at least claim 41 of the 437 Patent when they use the Accused Acer Products for such products' ordinary, customary, and intended use, including by operation as described in Appendix E hereto with respect to DP v1.2, as described in the corresponding portions of the other 437 Infringing DP Standards, and, with respect to the standalone use of Accused Acer Laptops, as described in paragraph 100 above. Acer's affirmative acts of inducement have included, and continue to include, without limitation and with specific intent to encourage the infringement, knowingly inducing consumers to use the Accused Acer Products within the United States in the

ordinary, customary, and intended way by, directly or through intermediaries, supplying such Accused Acer Products to customers within the United States and instructing and encouraging such customers how to use the Accused Acer Products in the ordinary, customary, and intended way, which Acer knows or should know infringes at least claim 41 of the 437 Patent. Acer's affirmative acts of inducement have further included and continue to include, without limitation and with specific intent to encourage the infringement, any one or a combination of encouraging and/or facilitating third-party infringement through the advertisement, marketing, and dissemination of the Accused Acer Products and components thereof, including DisplayPort firmware and/or drivers; and creating, publishing, and/or providing sales, promotional, and marketing materials; supporting materials; product manuals; user guides; and/or technical support and information relating to the Accused Acer Products and DisplayPort functionality thereof (*see, e.g.*, links in the paragraphs above to product and support pages and videos from Acer's website).

108. Further and in the alternative, on information and belief, with knowledge of the General Video Patents as described in paragraphs 50 to 53 above, Acer has been contributing to, and continues to contribute to, the infringement of at least claim 41 of the 437 Patent in violation of 35 U.S.C. § 271(c). Users and customers of the Accused Acer Products have directly infringed and continue to directly infringe at least claim 41 of the 437 Patent when they use the Accused Acer Products for such products' ordinary, customary, and intended use, including by operation as described in Appendix E hereto with respect to DP v1.2, as described in the corresponding portions of the other 437 Infringing DP Standards, and, with respect to the standalone use of Accused Acer Laptops, as described in paragraph 100 above. Acer's contributory infringement has included and continues to include, without limitation, Acer's sale and provision of Accused Acer Products, including DisplayPort components thereof, to customers in the United States for use in practicing

at least claim 41 of the 437 Patent, knowing that such products and components are material to practicing the claimed inventions, are not staple articles or commodities of commerce suitable for substantial non-infringing use, and are especially made or especially adapted for use in an infringement of the 437 Patent. Specifically, Acer sold the Accused Acer Products to customers knowing that the customers' operation of such products directly infringes at least claim 41 of the 437 Patent when used for their normal and intended purpose, including by operation as described in Appendix E hereto with respect to DP v1.2, as described in the corresponding portions of the other 437 Infringing DP Standards, and, with respect to the standalone use of Accused Acer Laptops, as described in paragraph 100 above. The Accused Acer Products and DisplayPort components thereof are made for the specific purpose of operating as described in Appendix E hereto with respect to DP v1.2, as described in such corresponding portions of the other 437 Infringing DP Standards, and, with respect to the standalone use of Accused Acer Laptops, as described in paragraph 100 above, and have no substantial non-infringing use.

109. On information and belief, as of June 1, 2021, Acer knew of the 437 Patent and MPEG LA's assertion that Acer was an infringer as a "company that offers products with DisplayPort technology[,] need[ed] to be licensed under the[] essential patents" (Ex. 7 hereto, representative notice letter dated March 16, 2015), including the 437 Patent (Ex. 11 hereto, DisplayPort Attachment 1, revised 6/1/2021 (providing notice of addition to the DP License of the 437 Patent, and other patents essential to DisplayPort standards)).

110. To the extent Acer was unaware of the 437 Patent and MPEG LA's assertion that the 437 Patent is essential to the 437 Infringing DP Standards and Acer, as an implementer of the 437 Infringing DP Standards and, thus, an infringer of the 437 Patent, required a license under the DP License as of, or within a reasonable time after, June 1, 2021, then Acer should have known of

the 437 Patent and MPEG LA's assertion by then but was willfully blind to the existence of the 437 Patent and its infringement of the same. For at least the foregoing reasons, Acer's infringement of the 437 Patent has been, and continues to be, willful and deliberate.

111. By the time of the trial of this case, Acer will have known and intended that its continued actions since receiving the notice described above and, additionally, since receiving the notice provided by this Complaint, would infringe and actively induce and contribute to the infringement of at least claim 41 of the 437 Patent. For this reason as well, Acer's infringement of the 437 Patent has been, and continues to be, willful and deliberate.

COUNT V: THE 010 PATENT

112. Appendix F hereto is an exemplary patent claim chart that details how the inventions of claims 1 and 12 of the 010 Patent are essential to implementations of DP v1.2, relative to the transport of stereoscopic image data over a display interface. The versions of the DisplayPort and eDP standards listed below include features that are either identical to, or materially the same as, the features of DP v1.2 shown to infringe claims 1 and 12 of the 010 Patent in Appendix F hereto. As such, these versions of the DisplayPort and eDP standards also infringe the 010 Patent:

- DP v1.2a, introduced January 2013;
- DP v1.3, introduced September 15, 2014;
- DP v1.4, introduced March 1, 2016;
- DP v1.4a, introduced April 2018;
- DP v2.0, introduced June 26, 2019;
and
- DP v2.1, introduced October 17, 2022
- eDP v1.2, introduced May 2010;
- eDP v1.3, introduced February 2011;
- eDP v1.4, introduced February 2013;
- eDP v1.4a, introduced February 2015;
- eDP v1.4b, introduced October 2015; and
- eDP v1.5, introduced October 2021

(collectively with DP v1.2, the “010 Infringing DP Standards”). Thus, whoever makes, uses, offers to sell, or sells any product that complies with, implements, and/or embodies the portions of DP v1.2 described in Appendix F hereto, and/or complies with, implements, and/or embodies the corresponding portions of the other 010 Infringing DP Standards, during the term of the 010 Patent, directly infringes claims 1 and 12 of that patent in violation of 35 U.S.C. § 271(a). *See, e.g., Fujitsu Ltd. v. Netgear Inc.*, 620 F.3d 1321, 1328 (Fed. Cir. 2010) (although “claims should be compared to the accused product to determine infringement,” “if an accused product operates in accordance with a standard, then comparing the claims to that standard is the same as comparing the claims to the accused product”).

113. Acer directly infringes at least claims 1 and 12 of the 010 Patent by making, using, selling, and/or offering to sell in, and/or importing into, the United States Accused Acer Products that comply with, implement, and/or embody the portions of DP v1.2 as described in Appendix F hereto, and that comply with, implement, and/or embody the corresponding portions of the other 010 Infringing DP Standards.

114. By way of example and not limitation, and on information and belief, Acer directly infringes at least claims 1 and 12 of the 010 Patent by selling and offering to sell Accused Acer Products such as Accused Acer Laptops, Accused Acer Desktops, and Accused Acer Graphics Cards that include a digital display interface part that supports a digital display interface between source devices, such as Accused Acer Laptops, Accused Acer Desktops, and Accused Acer Graphics Cards, on the one hand, and sink devices, such as computer monitors or displays, on the other hand, where such interface part is operable in the infringing manner described in Appendix F hereto with respect to DP v1.2, and described in the corresponding portions of the other 010 Infringing DP Standards. *See, e.g., Sorrell Holdings, LLC v. Infinity Headwear & Apparel, LLC*,

2024 WL 413432, at *3 (Fed. Cir. Feb. 5, 2024) (“For an ‘accused device[] to be infringing, [it] need only be capable operating’ in the infringing manner.”) (bracketed text in original) (quoting *Intel Corp. v. U.S. Int’l Trade Comm’n*, 946 F.2d 821, 832 (Fed. Cir. 1991)).

115. Further, and on information and belief, with knowledge of the General Video Patents as described in paragraphs 50 to 53 above, Acer has been actively inducing, and continues to actively induce, infringement of at least claims 1 and 12 of the 010 Patent in violation of 35 U.S.C. § 271(b). Users and customers of the Accused Acer Products have directly infringed and continue to directly infringe at least claims 1 and 12 of the 010 Patent when they use the Accused Acer Products for such products’ ordinary, customary, and intended use, including by operation as described in Appendix F hereto with respect to DP v1.2 as to those claims, and as described in the corresponding portions of the other 010 Infringing DP Standards with respect to the same claims. Acer’s affirmative acts of inducement have included, and continue to include, without limitation and with specific intent to encourage the infringement, knowingly inducing consumers to use the Accused Acer Products within the United States in the ordinary, customary, and intended way by, directly or through intermediaries, supplying such Accused Acer Products to customers within the United States and instructing and encouraging such customers how to use the Accused Acer Products in the ordinary, customary, and intended way, which Acer knows or should know infringes at least claims 1 and 12 of the 010 Patent. Acer’s affirmative acts of inducement have further included and continue to include, without limitation and with specific intent to encourage the infringement, any one or a combination of encouraging and/or facilitating third-party infringement through the advertisement, marketing, and dissemination of the Accused Acer Products and components thereof, including DisplayPort firmware and/or drivers; and creating, publishing, and/or providing sales, promotional, and marketing materials; supporting materials;

product manuals; user guides; and/or technical support and information relating to the Accused Acer Products and DisplayPort functionality thereof (*see, e.g.*, links in the paragraphs above to product and support pages and videos from Acer's website).

116. Further and in the alternative, on information and belief, with knowledge of the General Video Patents as described in paragraphs 50 to 53 above, Acer has been contributing to, and continues to contribute to, the infringement of at least claims 1 and 12 of the 010 Patent in violation of 35 U.S.C. § 271(c). Users and customers of the Accused Acer Products have directly infringed and continue to directly infringe at least claims 1 and 12 of the 010 Patent when they use the Accused Acer Products for such products' ordinary, customary, and intended use, including by operation as described in Appendix F hereto with respect to DP v1.2 as to those claims, and as described in the corresponding portions of the other 010 Infringing DP Standards with respect to the same claims. Acer's contributory infringement has included and continues to include, without limitation, Acer's sale and provision of Accused Acer Products, including DisplayPort components thereof, to customers in the United States for use in practicing at least claims 1 and 12 of the 010 Patent, knowing that such products and components are material to practicing the claimed inventions, are not staple articles or commodities of commerce suitable for substantial non-infringing use, and are especially made or especially adapted for use in an infringement of the 010 Patent. Specifically, Acer sold the Accused Acer Products to customers knowing that the customers' operation of such products directly infringes at least claims 1 and 12 of the 010 Patent when used for their normal and intended purpose, including by operation as described in Appendix F hereto with respect to DP v1.2 as to those claims, and as described in the corresponding portions of the other 010 Infringing DP Standards with respect to the same claims. The Accused Acer Products and DisplayPort components thereof are made for the specific purpose of operating as

described in Appendix F hereto with respect to DP v1.2, and as described in such corresponding portions of the other 010 Infringing DP Standards, and have no substantial non-infringing use.

117. On information and belief, as of and before July 2016, Acer knew of the 010 Patent and MPEG LA's assertion that Acer was an infringer as a "company that offers products with DisplayPort technology[,] need[ed] to be licensed under the[] essential patents" (Ex. 7 hereto, representative notice letter dated March 16, 2015), including the 010 Patent (Ex. 13 hereto, DisplayPort Attachment 1, revised 3/1/2016 (including 010 Patent on list of patents essential to DisplayPort standards)).

118. To the extent Acer was unaware of the 010 Patent and MPEG LA's assertion that the 010 Patent is essential to the 010 Infringing DP Standards and Acer, as an implementer of the 010 Infringing DP Standards and, thus, an infringer of the 010 Patent, required a license under the DP License as of, or within a reasonable time after July 2016, then Acer should have known of the 010 Patent and MPEG LA's assertion by then but was willfully blind to the existence of the 010 Patent and its infringement of the same. For at least the foregoing reasons, Acer's infringement of the 010 Patent has been, and continues to be, willful and deliberate.

119. By the time of the trial of this case, Acer will have known and intended that its continued actions since receiving the notice described in above and, additionally, since receiving the notice provided by this Complaint, would infringe at least claims 1 and 12 of the 010 Patent. For this reason as well, Acer's infringement of the 010 Patent has been, and continues to be, willful and deliberate.

COUNT VI: THE 786 PATENT

120. Appendix G hereto is an exemplary patent claim chart that details how the invention of claim 1 of the 786 Patent is essential to implementations of DP v1.2, with respect to the transport

of stereoscopic image data over a display interface. The versions of the DisplayPort and eDP standards listed below include features that are either identical to, or materially the same as, the features of DP v1.2 shown to infringe claim 1 of the 786 Patent in Appendix G hereto. As such, these versions of the DisplayPort and eDP standards also infringe the 786 Patent:

- DP v1.2a, introduced January 2013;
- DP v1.3, introduced September 15, 2014;
- DP v1.4, introduced March 1, 2016;
- DP v1.4a, introduced April 2018;
- DP v2.0, introduced June 26, 2019; and
- DP v2.1, introduced October 17, 2022
- eDP v1.2, introduced May 2010;
- eDP v1.3, introduced February 2011;
- eDP v1.4, introduced February 2013;
- eDP v1.4a, introduced February 2015;
- eDP v1.4b, introduced October 2015; and
- eDP v1.5, introduced October 2021

(collectively with DP v1.2, the “786 Infringing DP Standards”). Thus, whoever makes, uses, offers to sell, or sells any product that complies with, implements, and/or embodies the portions of DP v1.2 described in Appendix G hereto, and/or complies with, implements, and/or embodies the corresponding portions of the other 786 Infringing DP Standards, during the term of the 786 Patent, directly infringes claim 1 of that patent in violation of 35 U.S.C. § 271(a). *See, e.g., Fujitsu Ltd. v. Netgear Inc.*, 620 F.3d 1321, 1328 (Fed. Cir. 2010) (although “claims should be compared to the accused product to determine infringement,” “if an accused product operates in accordance with a standard, then comparing the claims to that standard is the same as comparing the claims to the accused product”).

121. Acer directly infringes at least claim 1 of the 786 Patent by making, using, selling, and/or offering to sell in, and/or importing into, the United States Accused Acer Products that comply with, implement, and embody the portions of DP v1.2 as described in Appendix G hereto,

and that comply with, implement, and embody the corresponding portions of the other 786 Infringing DP Standards.

122. By way of example and not limitation, and on information and belief, Acer directly infringes at least claim 1 of the 786 Patent by selling and offering to sell Accused Acer Products such as Accused Acer Laptops, Accused Acer Desktops, and Accused Acer Graphics Cards that include a digital display interface part that supports a digital display interface between source devices, such as Accused Acer Laptops, Accused Acer Desktops, and Accused Acer Graphics Cards, on the one hand, and sink devices, such as computer monitors or displays, on the other hand, where such interface part is operable in the infringing manner described in Appendix G hereto with respect to DP v1.2, and described in the corresponding portions of the other 786 Infringing DP Standards. *See, e.g., Sorrell Holdings, LLC v. Infinity Headwear & Apparel, LLC*, 2024 WL 413432, at *3 (Fed. Cir. Feb. 5, 2024) (“For an ‘accused device[] to be infringing, [it] need only be capable operating’ in the infringing manner.”) (bracketed text in original) (quoting *Intel Corp. v. U.S. Int’l Trade Comm’n*, 946 F.2d 821, 832 (Fed. Cir. 1991)).

123. Further, and on information and belief, with knowledge of the General Video Patents as described in paragraphs 50 to 53 above, Acer has been actively inducing, and continues to actively induce, infringement of at least claim 1 of the 786 Patent in violation of 35 U.S.C. § 271(b). Users and customers of the Accused Acer Products have directly infringed and continue to directly infringe at least claim 1 of the 786 Patent when they use the Accused Acer Products for such products’ ordinary, customary, and intended use, including by operation as described in Appendix G hereto with respect to DP v1.2 as to that claim, and as described in the corresponding portions of the other 786 Infringing DP Standards with respect to the same claim. Acer’s affirmative acts of inducement have included, and continue to include, without limitation and with

specific intent to encourage the infringement, knowingly inducing consumers to use the Accused Acer Products within the United States in the ordinary, customary, and intended way by, directly or through intermediaries, supplying such Accused Acer Products to customers within the United States and instructing and encouraging such customers how to use the Accused Acer Products in the ordinary, customary, and intended way, which Acer knows or should know infringes at least claim 1 of the 786 Patent. Acer's affirmative acts of inducement have further included and continue to include, without limitation and with specific intent to encourage the infringement, any one or a combination of encouraging and/or facilitating third-party infringement through the advertisement, marketing, and dissemination of the Accused Acer Products and components thereof, including DisplayPort firmware and/or drivers; and creating, publishing, and/or providing sales, promotional, and marketing materials; supporting materials; product manuals; user guides; and/or technical support and information relating to the Accused Acer Products and DisplayPort functionality thereof (*see, e.g.*, links in the paragraphs above to product and support pages and videos from Acer's website).

124. Further and in the alternative, on information and belief, with knowledge of the General Video Patents as described in paragraphs 50 to 53 above, Acer has been contributing to, and continues to contribute to, the infringement of at least claim 1 of the 786 Patent in violation of 35 U.S.C. § 271(c). Users and customers of the Accused Acer Products have directly infringed and continue to directly infringe at least claim 1 of the 786 Patent when they use the Accused Acer Products for such products' ordinary, customary, and intended use, including by operation as described in Appendix G hereto with respect to DP v1.2 as to that claim, and as described in the corresponding portions of the other 786 Infringing DP Standards with respect to the same claim. Acer's contributory infringement has included and continues to include, without limitation, Acer's

sale and provision of Accused Acer Products, including DisplayPort components thereof, to customers in the United States for use in practicing at least claim 1 of the 786 Patent, knowing that such products and components are material to practicing the claimed inventions, are not staple articles or commodities of commerce suitable for substantial non-infringing use, and are especially made or especially adapted for use in an infringement of the 786 Patent. Specifically, Acer sold the Accused Acer Products to customers knowing that the customers' operation of such products directly infringes at least claim 1 of the 786 Patent when used for their normal and intended purpose, including by operation as described in Appendix G hereto with respect to DP v1.2 as to that claim, and as described in the corresponding portions of the other 786 Infringing DP Standards with respect to the same claim. The Accused Acer Products and DisplayPort components thereof are made for the specific purpose of operating as described in Appendix G hereto with respect to DP v1.2, and as described in such corresponding portions of the other 786 Infringing DP Standards, and have no substantial non-infringing use.

125. On information and belief, as of June 1, 2024, Acer knew of the 786 Patent and MPEG LA's assertion that Acer was an infringer as a "company that offers products with DisplayPort technology[,] need[ed] to be licensed under the[] essential patents" (Ex. 7 hereto, representative notice letter dated March 16, 2015), including the 786 Patent (Ex. 12 hereto, DisplayPort Attachment 1, revised 6/1/2024 (providing notice of addition of the 786 Patent to DP License)).

126. To the extent Acer was unaware of the 786 Patent and MPEG LA's assertion that the 786 Patent is essential to the 786 Infringing DP Standards and Acer, as an implementer of the 786 Infringing DP Standards and, thus, an infringer of the 786 Patent, required a license under the DP License as of, or within a reasonable time after June 1, 2024, then Acer should have known of

the 786 Patent and MPEG LA's assertion by then but was willfully blind to the existence of the 786 Patent and its infringement of the same. For at least the foregoing reasons, Acer's infringement of the 786 Patent has been, and continues to be, willful and deliberate.

127. By the time of the trial of this case, Acer will have known and intended that its continued actions since receiving the notice described above and, additionally, since receiving the notice provided by this Complaint, would infringe at least claim 1 of the 786 Patent. For this reason as well, Acer's infringement of the 786 Patent has been, and continues to be, willful and deliberate.

PRAYER FOR RELIEF

WHEREFORE, Plaintiff General Video respectfully requests that this Court:

A. Enter judgment in favor of General Video that each of the General Video Patents is valid and enforceable;

B. Enter judgment in favor of General Video that Acer has infringed each of the General Video Patents, continues to infringe the 282, 437, 010, and 786 Patents, and that such infringement is willful;

C. Award General Video all monetary relief available under the laws of the United States, including but not limited to 35 U.S.C. § 284;

D. Order Acer to pay ongoing royalties in an amount to be determined for any continuing infringement after the date of judgment;

E. Declare this case exceptional and award General Video its reasonable attorney fees under 35 U.S.C. § 285;

F. Enter judgment awarding General Video its reasonable costs and expenses along with prejudgment and post-judgment interest as allowed by law;

G. Enjoin Acer and its subsidiaries, and their officers, agents, servants, employees, and all persons in active concert with any of the foregoing from further infringement; and

H. Grant General Video all such other relief as the Court deems just and reasonable.

JURY DEMAND

General Video demands a jury trial on all issues so triable pursuant to Federal Rule of Civil Procedure 38.

Dated: August 30, 2024

Respectfully submitted,

/s/ Geoffrey Culbertson

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