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25 UNITED STATES DISTRICT COURT
26 FOR THE CENTRAL DISTRICT OF CALIFORNIA

27 **SOCKEYE LICENSING TX LLC,**

28 **Plaintiff,**

v.

**LENOVO (UNITED STATES),
INC.,**

Defendant.

Civil Action No. 2:17-cv-5266

COMPLAINT

Jury Trial Demanded

1 Plaintiff Sockeye Licensing TX LLC (herein, “Plaintiff” and/or “Sockeye”),
2 by and through its attorneys, for its Complaint against Lenovo (United States),
3 Inc., (herein, “Defendant” and/or “Lenovo”) hereby alleges as follows:

4 **I. NATURE OF THE ACTION**

5 1. This is a patent infringement action to end Defendant’s direct, joint,
6 contributory and/or induced infringement of Plaintiff Sockeye’s patented
7 inventions, including but not limited to Defendant’s unauthorized and infringing
8 manufacture, use, sale, offering for sale, and/or importation of Plaintiff’s
9 inventions.

10 2. Sockeye holds all substantial rights and interest in and to United
11 States Patent No. 9,547,981 (the “’981 patent”), issued on January 17, 2017, for a
12 “System, method and apparatus for using a wireless device to control other
13 devices.” A true and correct copy of the ’981 patent is attached hereto as
14 **Attachment A.**

15 3. Plaintiff seeks to prevent Defendant from continuing infringement of
16 Plaintiff’s patent rights. Plaintiff further seeks monetary damages and prejudgment
17 interest for Defendant’s past infringement of the ’981 patent (the “Asserted
18 Patent”).

19 **II. THE PARTIES**

20 4. Plaintiff Sockeye Licensing TX LLC is a limited liability company
21 organized and existing under the laws of the State of Texas.

22 5. Upon information and belief, Defendant Lenovo (United States), Inc.
23 is a corporation organized and existing under the laws of the State of Delaware,
24 with a place of business located at 1009 Think Place, Morrisville, North Carolina
25 27560. Defendant can be served with process by serving its registered agent for
26 service of process in the State of California: C T Corporation System, 818 W 7th
27 St., Ste. 930, Los Angeles, CA 90017.

1 11. Venue in the Central District of California is proper pursuant to 28
2 U.S.C. § 1400(b) because Defendant has committed acts of infringement in this
3 District and has regular and established place(s) of business in this District.

4 **IV. BACKGROUND OF THE PATENTED TECHNOLOGY**

5 12. Prior to the filing of the parent of the '981 patent in 2006, the state of
6 the art cell phone designs emphasized their use as standalone devices. Thus, it was
7 widely expected that, as the multimedia capabilities of the cell phone became
8 richer, the cell phone itself would serve as a multimedia player and alternative to
9 traditional modes of viewing video, such as via television screens. Accordingly,
10 cell phone manufacturers at the time of filing focused on developing the “onboard”
11 capabilities of their products, rather than adapting them to connect with and control
12 a higher resolution device. Thus, for example, the Nokia N92 mobile device
13 announced in 2005 was “marketed as a phone for watching TV.” *See* Nokia N92
14 Wikipedia Article, https://en.wikipedia.org/wiki/Nokia_N92, attached hereto as
15 **Attachment B**. The Nokia N92, while capable of playing “mobile TV,” was
16 designed as an alternate platform for watching television, and it operated as a
17 standalone device, wholly independent of television sets of the period. The '981
18 patent goes further. In contrast to the standalone approach of the Nokia N92, the
19 '981 patent teaches particular methods and systems by which the cell phone could
20 connect with and control a higher resolution display device, streaming video
21 thereto. The state of the art cell phones of the day were not equipped to operate in
22 this way, nor was this their goal. Indeed, as Nokia stated at the time, the “Nokia
23 N92 offers easy access to TV programs *without* having to sit in front of a television
24 set.” *See* Presenting the Nokia N92: TV goes Mobile,
25 [http://www.nokia.com/en_int/news/releases/2005/11/02/presenting-the-nokia-n92-](http://www.nokia.com/en_int/news/releases/2005/11/02/presenting-the-nokia-n92-tv-goes-mobile)
26 [tv-goes-mobile](http://www.nokia.com/en_int/news/releases/2005/11/02/presenting-the-nokia-n92-tv-goes-mobile) (emphasis added), attached hereto as **Attachment C**. Notably, so-
27 called “[t]hird generation mobile phones” or “3G mobiles” which were capable of
28 “multi-media communication” of this kind—i.e., “viewing TV on a mobile

1 phone”—were themselves far from the norm in 2006. *See* NEC 3G Cell Phone
2 Diagram, attached hereto as **Attachment D**. As NEC stated at the time, although
3 such devices were “expected to be extremely popular,” using a cell phone to view
4 television was itself a “groundbreaking way to use mobile phones.” *Id.*

5 13. Still more groundbreaking was the inventive approach of the ’981
6 patent, which went beyond the cell phones merely equipped to play television,
7 such as the Nokia N92 and the NEC e636. The ’981 patent teaches particular
8 methods and systems by which the cell phone could connect with and control a
9 higher resolution display device for streaming video. The claimed inventions
10 would have been inoperable on the more sophisticated cell phones of the period,
11 such as the Nokia N92 and NEC e636, because they required significant technical
12 advancements and improvements to the hardware and software “stack” of the cell
13 phone in order to enable their inventive functionality. *See* NEC e636
14 Specifications, http://www.gsmarena.com/nec_e636-1476.php, attached hereto as
15 **Attachment E**.

16 14. The ’981 patent teaches the hardware and software “stack” necessary
17 to implement the particular systems and methods claimed in the patent. For
18 example, Figure 3D illustrates the relationships between the hardware and software
19 components of the cell phone itself, as well as the internet and a high-resolution
20 display device, in terms of their hierarchy and I/O requirements and functions.
21 Figure 3D teaches a cell phone operating system that supports TCP/IP services, a
22 desktop browser and operating system within the cell phone, and the device drivers
23 necessary to manage streaming media as it is received from the network, rendered
24 by the operating system, and communicated to external devices. Figure 3D teaches
25 that the cell phone’s device drivers interact with the peripheral communications
26 hardware and software that, in turn, communicates with external display devices.
27 Further, Figure 3B shows that the peripheral communications hardware and
28 software interacts with multichannel USB, and IEEE 1394 and IEEE 802.11

1 protocols that, in turn, use a multiport wireless interface to communicate with a
2 high-resolution digital display device. Without the hardware and software “stack”
3 (or its equivalents) disclosed, *inter alia*, in Figures 3B and 3D of the ’981 patent,
4 the claimed inventions would have been inoperable. The hardware and software
5 “stack” disclosed and claimed in the patent was absent from the more advanced
6 cell phones of the day (e.g., the Nokia N92 and NEC e636), which were designed
7 as mere standalone devices—a completely different paradigm than disclosed in the
8 patent, which teach the cell phone connecting with and controlling a higher
9 resolution display device on which media may be streamed.

10 15. In the few prior art examples where the cell phone was actually
11 connected to another device, the cell phone was used in a manner completely
12 different than that disclosed in the ’981 patent, and for different purposes. As the
13 inventor pointed out during prosecution of the parent of the ’981 patent, the prior
14 art merely “describe[d] a conventional tethering operation of a cell phone to a
15 computer, and not peripheral cell phone control of the claimed invention.” *See*
16 Prosecution History of ’342 Parent Patent, Amendment, May 31, 2011, at 11,
17 attached hereto as **Attachment F**. According to the “conventional tethering
18 operation[s]” of the prior art, the “PC or laptop connects to the internet via another
19 PC’s or a cell phone’s wireless Internet connection, providing a bridge connection
20 but not ceding control.” *Id.* By contrast, the “instant invention,” the inventor
21 explained, “does not use a cell phone to connect a ‘computer’ to the Internet”—
22 “[q]uite the reverse, the instant invention connects peripheral devices (connected to
23 the computer) to the cell phone to create a desktop computing environment on the
24 cell phone.” *Id.* As the inventor described it in a later amendment, the “present
25 invention” was one “directed to an innovative approach to employ a cell phone or
26 like PDA . . . to create a media center controlled by the user through the cell phone
27 – without the usage of the computing power of the peripherals’ PC.” *See*
28 Prosecution History of ’342 Patent, Amendment, January 17, 2012, at 31, attached

1 hereto as **Attachment G**. The inventor emphasized that in the prior art “the
2 portable device is a mere tether” and “has zero control – the network server is
3 running things directly” in the “traditional client/server relationship.” *Id.* at 32.
4 By contrast, the claimed inventions “expressly involve[] and claim[] control of the
5 peripheral device by the portable device, not at network control.” *Id.* Thus, at
6 best, the prior art contemplated the “conventional tethering” of the cell phone to
7 the computer for the purpose of improving the functionality of the computer
8 according to the “traditional client/server relationship.” The ’981 patent, however,
9 teaches improvements in the cell phone hardware and software “stack” enabling it
10 to control the high-resolution display device, in a clear reversal of the “traditional
11 client/server relationship” and departure from “conventional tethering.” As the
12 inventor stated during prosecution, quoting the summary of the invention, “[t]he
13 user may access’ the movies and videos ‘using the desktop monitor’ because, for
14 example the ‘user interfaces’ of the web site providing this content ‘can be
15 displayed through’ the ‘desktop monitor’” and “[t]hose ‘user interfaces are sent to
16 the ‘desktop monitor’ by means of the ‘wireless cell phone.’” *See* Prosecution
17 History of ’981 Patent, Sept. 7, 2016, Declaration of Michael D. Harold, at pages
18 3-4, para 7(a)(4), attached hereto as **Attachment H**. None of the prior art discloses
19 the hardware and software “stack” necessary to execute this novel functionality or
20 to accomplish the objectives of the ’981 patent.

21 16. The named inventor of the ’981 patent, Mr. Michael D. Harold,
22 conceived of the inventions disclosed and claimed therein and has worked to
23 commercialize them for several years. Among his goals—and later those of his
24 company, Zamboola, LLC (“Zamboola”)—was to provide hardware and software
25 solutions for the mobile market to allow the interfacing of user information
26 between devices in an enhanced way. Accordingly, after filing in 2006 the
27 application that eventually issued as a parent of the ’981 patent, he set to work
28 prototyping solutions that reduced the claimed inventions to practice. Mr. Harold

1 began by modifying an “open source” cell phone released after filing, the
2 Openmoko “Neo,” which had an operating system and some of the hardware
3 necessary to support streaming media from the Internet to a high-resolution display
4 device. However, because the software on the Neo proved to be too unstable for
5 the purposes of the claimed inventions, the inventor was forced to migrate to an
6 “Android” operating system. Still more modifications were necessary after
7 migrating to the Android OS, which was not designed for the purpose of streaming
8 media to a high-resolution display device, and lacked the architecture for
9 concurrent, multi-threaded operations and interprocess communications.
10 Subsequently, the inventor adapted open source device drivers for these purposes.
11 Additionally, because the Neo had a USB port, the inventor developed a USB-to-
12 VGA connector that allowed the cell phone to display media at the higher
13 resolution VGA, controlled by the user via the Neo touchscreen. Thus, the
14 software and hardware components available required significant modifications
15 from their original form before it was possible to integrate them into a prototype
16 incorporating the claimed inventions.

17 17. In early 2010, Zamboola was formed to commercialize the inventions.
18 Living in the Shreveport-Bossier area, Mr. Harold filed the Articles of
19 Incorporation for Zamboola as a Louisiana LLC in February, 2010, and worked to
20 develop branding and IP collateral necessary to raise venture capital. He and his
21 partner brought on personnel to advance Zamboola’s objectives.

22 18. Zamboola believes that in terms of security, identity, mobility and
23 performance, the smartphone remains a strong platform for current and future
24 personal and enterprise computing. Given the continued advances in mobile
25 hardware and wireless broadband, an opportunity has arisen for the commercial
26 implementation of container-based virtualization on smartphones, allowing
27 distributed services and applications to run in concert with cloud computing
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1 services as an on-demand distributed computing environment using any
2 combination of operating systems.

3 19. The invention disclosed and claimed in the Asserted Patent relates to
4 systems and methods that permit the use of a wireless cell phone as a connection,
5 communications and control device able to connect a full size desktop monitor or
6 other digital display device to the wireless cell phone. The phone “is used to create
7 an Internet or other network connection capable of accessing any browser-based
8 web site that is commonly accessible to a standard desktop computer having an
9 Internet connection.” Examples of what can be downloaded from such browser-
10 based websites include digital movies and streaming video.

11 20. The “user may access” the movies and videos using the desktop
12 monitor because, for example, the user interfaces of the website providing this
13 content can be displayed through the desktop monitor. Those user interfaces are
14 sent to the desktop monitor by means of the wireless cell phone. The cell phone
15 can simultaneously provide network access to movies and video while also being
16 “used as a handheld controller device to select and play the movie or video.”

17 21. The specification of the Asserted Patent draws a distinction between
18 consumer electronic entertainment applications of the invention and applications
19 that are not related to that subject matter. *See*, for example, col. 13, line 25 to 35 of
20 the '981 patent which state that an example of a consumer electronic entertainment
21 application is a movie that is located remotely on an internet-accessible server. On
22 the other hand, this same section of the '981 patent recognizes that non-
23 entertainment embodiments relate to, for example, remotely accessing a document,
24 spreadsheet or software application.

25 22. All of the claims of the '981 patent are specifically limited to the
26 electronic entertainment applications and embodiments of the invention.

27 23. Figure 3A of the Asserted Patent shows an exemplary cell phone 400
28 that can be used in connection with the method and system described in the above

1 paragraphs. Cell phone 400 can be used to, for example, download a movie or
2 video stored on the remote server (formed by media applications 111 and media
3 112) so that it can be shown on the high-resolution digital display device 522.
4 Display 522 typically forms a part of a viewer's media center environment that can
5 be at the viewer's home. This display is not an accessory to the cell phone—
6 rather, it is, for example, a TV suitable for use in a movie room in a person's home.

7 24. To download a movie or video from the remote server, the viewer first
8 obtains a first graphic user interface ("GUI") associated with the website hosted on
9 the remote server from which movies or videos can be downloaded. For example,
10 the first GUI is provided to the cell phone 400 via an internet connection between
11 the cell phone 400 and the remote server. When the user reads or otherwise
12 interacts with the first GUI as it is shown on the display 522, the viewer is
13 informed about what movies or videos are available for download from the remote
14 server for consumer electronic entertainment purposes.

15 25. After the viewer of the display 522 has reviewed the first GUI and
16 selected a movie or video, the viewer interacts with the cell phone 400 to enter
17 entertainment selections commands into the cell phone 400. These commands are
18 based on the visual feedback the viewer obtained by reading or otherwise
19 interacting with the first GUI. The server processes the download commands, and
20 then sends the requested movie or video from the remote server, to the cell phone
21 400, and then to the display 522 for viewing by the viewer on the display 522. One
22 main advantage of the present invention is that, for example, the viewer can select,
23 download, control and experience a downloaded movie or video on the large media
24 center display 522 as opposed to the small display screen associated with the cell
25 phone 400.

26 26. The cell phone 400 can be connected to the display 522 in a number
27 of different ways. For example, Figure 3A shows a Wi-Fi chip 486 that allows the
28 phone 400 to communicate with the display device over, for example, wireless

1 connections between the phone 400 and the hub 105 and the display 522. The Wi-
2 Fi 33 chip can operate in accordance with one or more of the 802.11 standards.

3 27. All embodiments of the present invention allow the cell phone 400 to
4 be located a distance away from the display 522 at which a viewer may wish to
5 watch a movie at home (e.g. 10-15 feet) while still providing a high quality
6 viewing experience.

7 28. Sockeye has obtained all substantial rights and interest in the '981
8 patent, including all rights to recover for all past and future infringements thereof.

9 V. DEFENDANT'S ACTS

10 29. Defendant manufactures, provides, sells, offers to sell, and/or
11 distributes infringing systems and methods. Defendant provides Wi-Fi Alliance
12 certified "Miracast" products to provide the infringing functionality. As set forth
13 on the Wi-Fi Alliance's website:

14 Wi-Fi CERTIFIED Miracast™ is a groundbreaking solution for seamlessly
15 displaying multimedia between devices, without cables or a network
16 connection. Users can do things like view pictures from a smartphone on a
17 big screen television, share a laptop screen with the conference room
18 projector in real-time, and watch live programs from a home cable box on a
19 tablet. Miracast connections are formed using Wi-Fi CERTIFIED Wi-Fi
20 Direct®, so access to a Wi-Fi® network is not needed – the ability to
21 connect is inside Miracast-certified devices.

19 Miracast is an industry-wide solution, so the technology works well across
20 devices, regardless of brand. Connections are easy to set up and use since
21 the devices choose the appropriate settings automatically. Miracast supports
22 premium content—like Blu-ray feature films, live television shows and
23 sports, or any other copy-protected premium content—allowing you to
24 watch what you want, where you want.

22 <http://www.wi-fi.org/discover-wi-fi/wi-fi-certified-miracast>.

23 30. Defendant employs Miracast technology in its accused
24 instrumentalities. Moreover, Defendant markets its accused instrumentalities as
25 certified under that technology standard. A generally comprehensive list of
26 Miracast-certified products provided by Defendant is publicly available at the
27

1 following website: <http://www.wi-fi.org/product-finder->
2 [results?sort_by=default&sort_order=desc&capabilities=2&certifications=45.](http://www.wi-fi.org/product-finder-results?sort_by=default&sort_order=desc&capabilities=2&certifications=45)

3 31. For example, Defendant commercializes at least the following
4 Miracast products: Lenovo Wireless Display Adapter, Lenovo Portable Tablet
5 Computer, Lenovo ThinkPad Enterprise Display Adapter, and Lenovo LCD
6 Monitor.

7 32. Lenovo's products infringe the Asserted Patent at least by displaying a
8 graphic user interface on a mobile communication device for a user to select
9 movies or videos to display on a display device, receiving a user selection
10 command for a video or movie on the mobile communication device, receiving the
11 selected video or movie on the mobile communication device, and/or transmitting
12 some of the selected video or movie from the mobile communication device to a
13 display device, in the manner claimed by the Asserted Patent.

14 33. Defendant has had knowledge of the Asserted Patents at least as of the
15 service of this Complaint. With knowledge of the Asserted Patents, Defendant
16 intentionally infringed, and continues to intentionally infringe, the patented
17 technology. It provides specifications and instructions for the installation and
18 infringing operation of such systems to its customers, who directly infringe.

19 34. Furthermore, with knowledge of the Asserted Patent, Defendant
20 provides related services, specifications, and instructions for the installation and
21 infringing operation of such systems to the customers of its products, who directly
22 infringe through the operation of those products.

23 35. With knowledge of the Asserted Patent, Defendant has purposefully
24 and voluntarily placed infringing products in the stream of commerce with the
25 expectation that its products will be purchased by customers in the State of
26 California and this District, and advertised those products.

1 36. Through its actions, Defendant has infringed the Asserted Patent, and
2 Defendant has and actively induced others to infringe the Asserted Patent
3 throughout the United States, including in the State of California and this District.

4 37. Sockeye has been and will continue to suffer damages as a result of
5 Defendant's infringing acts unless and until enjoined.

6 **Direct and Joint Infringement**

7 38. Sockeye restates and realleges each of the allegations set forth above
8 and incorporates them herein.

9 39. Upon information and belief, Lenovo manufactures, uses, distributes,
10 offers to sell, and/or sells devices including wireless adapters, phones, tablets, TVs,
11 and projectors in the State of California, this District, and elsewhere. Examples of
12 Defendant's infringing products include the Lenovo ThinkPad Wireless Display
13 Adapter, Lenovo Phab 2, Lenovo Tab 4, Lenovo Thinkvision T2224d, Lenovo
14 P0510 Wireless Projector. These products, when used in combination (including
15 in combination with devices of third parties) by Lenovo and others, directly
16 infringe the Asserted Patent as described in paragraph 31. By way of example
17 only, a Lenovo Miracast compatible cell phone device receiving a video or movie
18 selection command and then transmitting some of the selected video or movie to a
19 Lenovo Miracast compatible TV or projector directly infringes claim 1 of the '981
20 patent in the manner described by paragraph 31.

21 40. Upon information and belief, Lenovo employees, within this District
22 and elsewhere, use Lenovo devices in a manner that directly infringes the Asserted
23 Patent.

24 41. To the extent that some elements of a claim are performed by a
25 different party than Lenovo, Lenovo directs and controls the other party to jointly
26 infringe the Asserted Patent, including through a contractual relationship. Upon
27 information and belief, Lenovo contracts with vendors, customers, third parties,
28 and/or end users and provides infringing software, including Miracast components,

1 to them in this jurisdiction and elsewhere to use Lenovo phones, tablets and other
2 portable devices with Lenovo televisions, projectors, and other display devices in a
3 manner that directly infringes the Asserted Patent. Upon information and belief,
4 Lenovo enters into agreements with vendors, customers, third parties, end users
5 and others concerning the operation and use of infringing devices and functionality
6 within this jurisdiction and elsewhere.

7 42. Upon information and belief, Lenovo, through its infringing devices
8 and software, participates in the infringement and receives a benefit upon
9 performance of steps of the patented method. For example, Lenovo provides the
10 hardware, including the mobile communications device and/or the display device
11 that its customers, third parties, and/or end users may use to perform steps of the
12 infringing method. Lenovo receives a benefit from such actions by third party
13 users and customers of its devices as it allows Lenovo to display, demonstrate, or
14 provide a desirable product. Lenovo specifically advertises the infringing
15 functionality of its devices, including Miracast.

16 43. Lenovo issues computerized instructions to direct or control users and
17 infringing devices to conduct acts of infringement. Through its software
18 embedded on users' infringing devices, as well as its contractual relationships with
19 users (including Lenovo vendors), Lenovo directs and controls infringing devices
20 to directly infringe the Asserted Patent.

21 44. All of the above acts constitute acts of direct infringement.

22 **Induced and Contributory Infringement**

23 45. Sockeye restates and realleges each of the allegations set forth above
24 and incorporates them herein.

25 46. Upon information and belief, Lenovo manufactures, sells, offers for
26 sale, imports, distributes, and provides Miracast compatible devices that actively
27 induce and contribute to the direct infringement of the Asserted Patent by third
28 parties, including third party users and Lenovo customers. Third party users and

1 Lenovo customers directly infringe the Asserted Patent in the manner described in
2 paragraph 31. By way of example only, Lenovo provides Miracast compatible
3 Lenovo phones and/or tablets which are used to display a graphic user interface to
4 allow users to input movie or video selection commands to the phones, to receive
5 the selected movie or video, and to transmit a portion of the selected movie or
6 video to a display device in the manner claimed by the Asserted Patent. By way of
7 example only, Lenovo provides Miracast compatible Lenovo TV and/or projector
8 display devices which receives a portion of a movie or video from a mobile
9 communication device that displays a graphic user interface to allow users to input
10 movie or video selection commands, receive the selected movie or video, and
11 transmit a portion of the selected movie or video in the manner claimed by the
12 Asserted Patent.

13 47. Upon information and belief, Lenovo induces the direct infringement
14 of the Asserted Patent by providing its customers, third parties, and/or end users of
15 Lenovo devices instructions, materials, advertisements, services, encouragement
16 and software to use or operate the Lenovo devices in an infringing manner
17 described in the preceding paragraph. Upon information and belief, Lenovo
18 further induces infringement by its customers, third parties, and/or end users by
19 knowingly and specifically designing and programming its devices to be operated
20 by its customers, third parties, and/or end users in an infringing manner. Upon
21 information and belief, Lenovo provides and instructs third parties to use the
22 aforementioned products in the manner claimed in the Asserted Patent. Further,
23 Lenovo has actively induced infringement by its customers, third parties, and/or
24 end users in this judicial district. For example, Defendant's website
25 <https://support.lenovo.com/us/en/solutions/pd030901> instructs users to stream
26 "content onto projectors, TVs, monitors and other display devices" from Miracast
27 compatible devices including smartphones and tablets. Defendant's website
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1 further advertises Lenovo products including smartphones, tablets, and wireless
2 adapters with this functionality.

3 48. Upon information and belief, Lenovo had knowledge of the '981
4 patent at least as of the dates described in paragraph 32. Notwithstanding, Lenovo
5 continues to willfully and with specific intent infringe and cause others to infringe
6 the Asserted Patent. Further, Lenovo provides, makes, sells, and offers to sell
7 Lenovo devices with the specific intent that its customers, third parties, and/or end
8 users use the Lenovo devices in an infringing manner, and its customers, third
9 parties, and/or end users do so.

10 49. Upon information and belief, Lenovo contributes to the direct
11 infringement of the Asserted Patent by providing infringing Lenovo devices and
12 device components to its customers, third parties, and/or end users. Upon
13 information and belief, components provided by Lenovo have no substantial non-
14 infringing uses and are especially made and/or adapted so as to infringe the
15 Asserted Patent.

16 50. Upon information and belief, Miracast components provided by
17 Lenovo on its devices cannot operate except in the infringing manner described in
18 paragraph 31 and thus necessarily has no substantial non-infringing use. Lenovo
19 has acted with specific intent to induce or cause infringement and to conduct acts
20 of infringement as described herein within this District and elsewhere. Lenovo
21 continues to contribute to the infringement of third parties even after having notice
22 and actual knowledge of the Asserted Patent as previously described.

23 51. Upon information and belief, customers and users of Lenovo's
24 infringing devices reside in the State of California and this District and conduct the
25 above described acts within the State of California and this District.

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COUNT ONE

PATENT INFRINGEMENT—U.S. PATENT NO. 9,547,981

52. Plaintiff restates and realleges each of the allegations set forth above and incorporates there herein.

53. Defendant directly and/or jointly with one or more third parties infringe the '981 patent by making, using, offering to sell, and selling infringing Lenovo products, including without limitation the Lenovo ThinkPad Wireless Display Adapter, in violation of 35 U.S.C. § 271(a).

54. Defendant indirectly infringes the '981 patent by inducing or contributing to the infringement of the '981 patent in violation of 35 U.S.C. § 271(b)-(c)&(f), including by its customers/consumers.

55. Defendant does not have a license or permission to use the claimed subject matter in the '981 patent.

56. As a direct and proximate result of Defendant's direct, joint, induced, and/or contributory infringement of the '981 patent, Plaintiff has been injured and has been caused significant financial damage.

57. Defendant's aforementioned acts have caused damage to Plaintiff and will continue to do so unless and until enjoined.

58. Plaintiff alleges upon information and belief that defendant has, knowingly or with willful blindness, willfully infringed one or more claims of the '981 patent. Defendant has knowledge of the '981 patent as previously alleged. Defendant acted with knowledge of the '981 patent and, despite its knowledge or despite that it should have known of an objectively high likelihood that its actions constituted infringement of Plaintiff's valid patent rights, continue to infringe.

59. This objectively-defined risk was either known or so obvious that it should have been known to Defendant. Plaintiff seeks enhanced damages pursuant to 35 U.S.C. § 284 from Defendant.

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VI. JURY DEMAND

60. Plaintiff hereby demands a jury on all issues so triable.

VII. REQUEST FOR RELIEF

WHEREFORE, Plaintiff Sockeye respectfully requests that the Court:

A. Enter judgment that Defendant directly, jointly, contributes to, or induces others to infringe one or more claims of the Asserted Patent literally and/or under the doctrine of equivalents;

B. Permanently enjoin Defendant, their agents, servants, and employees, and all those in privity with Defendant or in active concert and participation with Defendant, from engaging in acts of infringement of the Asserted Patent;

C. Award Plaintiff past and future damages together with prejudgment and post-judgment interest to compensate for the infringement by Defendant of the Asserted Patent in accordance with 35 U.S.C. §284, and increase such award by up to three times the amount found or assessed in accordance with 35 U.S.C. §284;

D. Award Plaintiff its costs, disbursements, attorneys’ fees;

E. Award Plaintiff prejudgment and post-judgment interest to the maximum extent provided under the law; and

F. Award Plaintiff such further and additional relief as is deemed appropriate by this Court.

Respectfully submitted,

DATED: July 17, 2017

STRADLING YOCCA CARLSON & RAUTH

By: /s/ Douglas Q. Hahn

Douglas Q. Hahn

Salil Bali

Attorneys for
Sockeye Licensing TX LLC