



2. Plaintiff Morpho is a limited liability company organized under the laws of the State of Texas with its principal place of business at 214 W Fannin St., Marshall, TX 75670.

3. On information and belief, Sharp Electronics Corporation is a New York corporation with its principal place of business at 1 Sharp Plaza, Suite 1, Mahwah, New Jersey 07430. This Defendant may be served with process through its agent, CT Corporation System, 1999 Bryan St., Ste. 900, Dallas, TX 75201.

4. On information and belief, Sharp is in the business of making, using, selling, offering for sale and/or importing mobile devices and related software.

### **JURISDICTION AND VENUE**

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

6. This Court has personal jurisdiction over Defendants by virtue of its systematic and continuous contacts with this jurisdiction, as well as because of the injury to Morpho and the cause of action Morpho has raised, as alleged herein.

7. Defendant is subject to this Court's specific and general personal jurisdiction pursuant to due process and/or the Texas Long-Arm Statute, due to at least its substantial business in this forum, including: (i) at least a portion of the infringement alleged herein; and (ii) regularly doing or soliciting business, engaging in other persistent courses of conduct, and/or deriving substantial revenue from goods and services provided to individuals in this District.

8. Defendant has conducted and does conduct business within this District, directly or through intermediaries, resellers, agents, or offer for sale, sell, and/or advertise (including the use of interactive web pages with promotional material) products in this District that infringe the Asserted Patents.

9. In addition to Defendant's continuously and systematically conducting business in this District, the causes of action against Defendants are connected (but not limited) to Defendant's purposeful acts committed in this District, including Defendant's making, using, importing, offering for sale, or selling products which include features that fall within the scope of at least one claim of the Asserted Patents.

10. Venue lies in this District under 28 U.S.C. §§1391 and 1400(b) because, among other reasons, Defendant is subject to personal jurisdiction in this District, and has committed and continues to commit acts of patent infringement in this District. For example, Defendant has used, sold, offered for sale, and/or imported infringing products in this District.

### **THE PATENTS-IN-SUIT**

#### ***The '078 Patent***

11. On March 25, 2008, the United States Patent and Trademark Office ("USPTO") duly and legally issued the '078 Patent, entitled "User selection of computer login" after a full and fair examination.

12. Morpho is presently the owner by assignment of the '078 Patent, having received all right, title, and interest in and to the '078 Patent from the previous assignee of record. Morpho possesses all rights of recovery under the '078 Patent, including the exclusive right to recover for past infringement.

13. The '078 Patent is valid and enforceable.

14. The '078 Patent contains five independent claims and eighteen dependent claims.

#### ***The '725 Patent***

15. On May 25, 2010, the USPTO duly and legally issued the '725 Patent, entitled "User-Selectable Signatures."

16. Morpho is presently the owner by assignment of the '725 Patent, having received all right, title, and interest in and to the '725 Patent from the previous assignee of record. Morpho possesses all rights of recovery under the '725 Patent, including the exclusive right to recover for past infringement.

17. The '725 Patent is valid and enforceable.

18. The '725 Patent contains three independent claims and seventeen dependent claims.

#### ***The '415 Patent***

19. On April 23, 2013, the USPTO duly and legally issued the '415 Patent, entitled "User-selectable signatures" after a full and fair examination.

20. Morpho is presently the owner by assignment of the '415 Patent, having received all right, title and interest in and to the '415 Patent from the previous assignee of record. Morpho possesses all rights of recovery under the '415 Patent, including the exclusive right to recover past infringement.

21. The '415 Patent is valid and enforceable.

22. The '415 Patent contains one independent claim and 16 dependent claims.

#### **DESCRIPTION OF THE ACCUSED INSTRUMENTALITIES**

23. Defendant's portable computing products (the "Infringing Products"), including but not limited to the Sharp AQUOS Crystal mobile phone, perform a computer-implemented method for creating a signature for subsequent authentication.

24. Infringing Products marketed, used, and sold by the Defendant, such as the Sharp AQUOS Crystal mobile phone, include each and every feature of the patented device.

25. For example, the Infringing Product includes a program memory, a data storage memory, and first and second input devices which are selectable by a user to allow the user to generate a reference signature that can be compared to a future submitted signature for

authentication purposes to allow it to be determined whether access to the computing device should be granted based on the user selection.

26. Specifically, the Sharp AQUOS Crystal mobile phone has a menu that allows users to select an unlock mode to unlock the product (i.e., provide secured access), among several unlock modes, such as face recognition, password, pin, pattern, or slide mode (i.e., other than by using a keyboard), which are configured using the Infringing Product's touchscreen, or Face Unlock, which is configured using the Infringing Product's camera.

**COUNT I: DIRECT INFRINGEMENT OF THE '078 PATENT**

27. Plaintiff realleges and incorporates by reference the allegations set forth in paragraphs 1-26.

28. Taken together, either partially or entirely, the features included in the Infringing Products, such as to the Sharp AQUOS Crystal mobile phone, perform the process recited in one or more of the claims of the '078 Patent.

29. Defendant directly infringes one or more of the claims of the '078 Patent by making, using, selling, offering to sell and/or importing the computer-implemented method for creating a signature for subsequent authentication described in the '078 Patent in violation of 35 USC § 271(a).

**COUNT II: INDIRECT INFRINGEMENT OF THE '078 PATENT**

*Inducing Infringement*

30. Plaintiff realleges and incorporates by reference the allegations set forth in paragraphs 1-29.

31. Defendant has had knowledge of infringement of the '078 Patent at least as of the service of the complaint.

32. Defendant indirectly infringes one or more claims of the '078 Patent by actively inducing the infringement of its customers, users, and/or licensees who directly infringe by performing the patented process in violation of 35 USC § 271(b).

33. Defendant actively induces others, such as its customers, users, and/or licensees, to use the Infringing Products, such as to the Sharp AQUOS Crystal mobile phone, which perform every step of the process recited in one or more claims of the '078 Patent.

34. Such use by the Infringing Products performs the computer-implemented method identified in one or more of claims of the '078 Patent. For example, the Sharp AQUOS Crystal mobile phone User Guide instructs, among others, its customers, users, and/or licensees to perform certain acts by virtue of their use of the Sharp AQUOS Crystal mobile phone. Defendant's customers, users, and/or licensees perform those acts when they use the Sharp AQUOS Crystal mobile phone.

*Contributory Infringement*

35. Plaintiff realleges and incorporates by reference the allegations set forth in paragraphs 1-34.

36. With knowledge of the patent in suit, Defendant indirectly infringes the '078 Patent by contributing to the direct infringement of a class of actors which includes the end-users of the mobile devices, as well as customers, users, and/or licensees, by encouraging the class of actors to use the Infringing Products which perform all the steps of the patented process as described in one or more claims of the '078 Patent, aware of the fact that such acts amount to infringement of one or more claims of the '078 Patent and with the specific intent to contribute to the infringement.

37. Defendant employs authentication methods in its mobile devices, including but not limited to the Infringing Products, which are components of a patented machine covered by one or more claims of the '078 Patent, constitute a material part of the invention, and are not a staple article or commodity of commerce suitable for substantial non-infringing use.

38. Defendant has known that such authentication method employed by its mobile devices, including but not limited to the Infringing Products, was especially made or especially adapted for use in infringement of the '078 Patent at least of the service of the present complaint.

39. By engaging in the conduct described herein, Defendant has injured Morpho and is thus liable for indirectly infringing the '078 Patent by contributing to the direct infringement of one or more claims of the '078 Patent, in violation of 35 U.S.C. §271(c).

### **COUNT III: DIRECT INFRINGEMENT OF THE '725 PATENT**

40. Plaintiff realleges and incorporates by reference the allegations set forth in paragraphs 1-39.

41. Taken together, either partially or entirely, the features included in the Infringing Products such as to the Sharp AQUOS Crystal mobile phone, perform the process recited in one or more of the claims of the '725 Patent.

42. Defendant directly infringes one or more of the claims of the '725 Patent by making, using, selling, offering to sell and/or importing the computer-implemented method for creating a user-selectable signature described in the '725 Patent in violation of 35 USC § 271(a).

### **COUNT IV: INDIRECT INFRINGEMENT OF THE '725 PATENT**

#### *Inducing Infringement*

43. Plaintiff realleges and incorporates by reference the allegations set forth in paragraphs 1-42.

44. Defendant has had knowledge of infringement of the '725 Patent at least as of the service of the present complaint.

45. Defendant indirectly infringes one or more claims of the '725 Patent by actively inducing the infringement of its customers, users, and/or licensees who directly infringe by performing the patented process in violation of 35 USC § 271(b).

46. Defendant actively induces others, such as its customers, users, and/or licensees, to use the Infringing Products, including but not limited to the Sharp AQUOS Crystal mobile phone, that perform all the steps of the process recited in one or more claims of the '725 Patent.

47. Such use by the Infringing Products performs the computer-implemented method identified in one or more of claims of the '725 Patent. For example, the Sharp AQUOS Crystal mobile phone User Guide instructs, among others, its customers, users, and/or licensees to perform certain acts by virtue of their use of the Sharp AQUOS Crystal mobile phone. Defendant's customers, users, and/or licensees perform those acts when they use the Sharp AQUOS Crystal mobile phone.

*Contributory Infringement*

48. Plaintiff realleges and incorporates by reference the allegations set forth in paragraphs 1-47.

49. With knowledge of the patent in suit, Defendant indirectly infringes the '725 Patent by contributing to the direct infringement of a class of actors which includes the end-users of the mobile devices, as well as customers, users, and/or licensees, by encouraging the class of actors to use the Infringing Products which perform all the steps of the patented method as described in one or more claims of the '725 Patent, aware of the fact that such acts amount to infringement



of one or more claims of the '725 Patent and with the specific intent to contribute to the infringement.

50. Defendant employs authentication methods in its portable computing devices, including but not limited to the Infringing Products, which are components of a patented machine covered by one or more claims of the '725 Patent, constitute a material part of the invention, and are not a staple article or commodity of commerce suitable for substantial non-infringing use.

51. Defendant has known that such authentication method employed by its portable computing devices, including but not limited to the Infringing Products, was especially made or especially adapted for use in infringement of the '725 Patent at least of the service of this complaint.

52. By engaging in the conduct described herein, Defendant has injured Morpho and is thus liable for indirectly infringing the '725 Patent by contributing to the direct infringement of one or more claims of the '725 Patent, in violation of 35 U.S.C. §271(c).

**COUNT V: DIRECT INFRINGEMENT OF THE '415 PATENT**

53. Plaintiff realleges and incorporates by reference the allegations set forth in paragraphs 1-56.

54. Taken together, either partially or entirely, the features and elements embodied in the Infringing Products, such as to the Sharp AQUOS Crystal mobile phone, meet each and every element of the computing device recited in one or more of the claims of the '415 Patent.

55. Defendant directly infringes one or more of the claims of the '415 Patent by making, using, selling, offering to sell and/or importing the computing device providing secured access described in the '415 Patent in violation of 35 USC § 271(a).

**COUNT VI: INDIRECT INFRINGEMENT OF THE '415 PATENT**

*Inducing Infringement*

56. Plaintiff realleges and incorporates by reference the allegations set forth in paragraphs 1-55.

57. Defendant has had knowledge of infringement of the '415 Patent at least as of the service of the present complaint.

58. Defendant indirectly infringes one or more claims of the '415 Patent by actively inducing the infringement of its customers, users, and/or licensees who directly infringe by making, using, selling, offering to sell, and/or importing the patented computing device in violation of 35 USC § 271(b).

59. Defendant actively induces others, such as its customers, users, and/or licensees, to use the Infringing Products, including but not limited to the Sharp AQUOS Crystal mobile phone, which contain each and every element of the computing device recited in one or more of the claims of the '415 Patent.

60. Such use of the Infringing Products meets each and every feature recited in one or more of claims of the '415 Patent infringes the patent. For example, the Sharp AQUOS Crystal mobile phone User Guide instructs, among others, its customers, users, and/or licensees to perform certain acts for using the Sharp AQUOS Crystal mobile phone. Defendants' customers, users, and/or licensees perform those acts when using the Sharp AQUOS Crystal mobile phone.

*Contributory Infringement*

61. Plaintiff realleges and incorporates by reference the allegations set forth in paragraphs 1-60.

62. With knowledge of the patent in suit, Defendant indirectly infringes the '415 Patent by contributing to the direct infringement of a class of actors which includes the end-users of the

portable computing devices, as well as customers, users, and/or licensees, by encouraging the class of actors to use the Infringing Products which meet each and every element of the patented computing device as described in one or more claims of the '415 Patent, aware of the fact that such acts amount to infringement of one or more claims of the '415 Patent and with the specific intent to contribute to the infringement.

63. Defendant employs authentication features in its portable computing devices, including but not limited to the Infringing Products, which are components of a patented machine covered by one or more claims of the '415 Patent, constitute a material part of the invention, and are not a staple article or commodity of commerce suitable for substantial non- infringing use.

64. Defendant has known that such authentication features employed by its portable computing devices, including but not limited to the Infringing Products, were especially made or especially adapted for use in infringement of the '415 Patent at least of the service of this complaint.

65. By engaging in the conduct described herein, Defendant has injured Morpho and is thus liable for indirectly infringing the '415 Patent by contributing to the direct infringement of one or more claims of the '415 Patent, in violation of 35 U.S.C. §271(c).

#### **DEMAND FOR JURY TRIAL**

66. Morpho demands a trial by jury of any and all causes of action.

#### **PRAYER FOR RELIEF**

WHEREFORE, Morpho prays for the following relief:

1. That Defendant be adjudged to have infringed the Asserted Patents, directly and/or indirectly, by way of inducement and/or contributory infringement, literally and/or under the doctrine of equivalents;

2. That Defendant, its officers, directors, agents, servants, employees, attorneys, affiliates, divisions, branches, parents, and those persons in active concert or participation with any of them, be preliminarily and permanently restrained and enjoined from directly and/or indirectly infringing the Asserted Patents;
3. An award of damages pursuant to 35 U.S.C. §284 sufficient to compensate Morpho for the Defendants' past infringement and any continuing or future infringement up until the date that Defendant is finally and permanently enjoined from further infringement, including compensatory damages;
4. An assessment of pre-judgment and post-judgment interest and costs against Defendant, together with an award of such interest and costs, in accordance with 35 U.S.C. §284;
5. That Defendants be directed to pay enhanced damages, including Morpho's attorneys' fees incurred in connection with this lawsuit pursuant to 35 U.S.C. §285; and
6. That Morpho has such other and further relief as this Court may deem just and proper.

Dated: June 22, 2015

Respectfully Submitted,

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