

UNITED STATES DISTRICT COURT  
EASTERN DISTRICT OF NEW YORK

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 )  
 ANDREA ELECTRONICS )  
 CORPORATION, )  
 )  
 )  
 Plaintiff, )  
 )  
 )  
 v. )  
 )  
 )  
 LENOVO HOLDING COMPANY, INC. and )  
 LENOVO (UNITED STATES) INC. )  
 )  
 )  
 Defendants. )  
 \_\_\_\_\_ )

Case No. 2:14-cv-4489 (KAM-GRB)

**FIRST AMENDED COMPLAINT**

**JURY TRIAL DEMANDED**

**FIRST AMENDED COMPLAINT**

Pursuant to Federal Rule of Civil Procedure 15(a)(1)(B), Plaintiff Andrea Electronics Corporation (“Andrea”), by and through its counsel, Pepper Hamilton LLP, for its First Amended Complaint against defendant Lenovo Holding Company, Inc. and Lenovo (United States) Inc. (collectively, “Lenovo” or “Defendants”) alleges as follows:

**NATURE OF ACTION**

1. This is an action for patent infringement under the patent laws of the United States, 35 U.S.C. §§ 271, *et seq.*, to enjoin infringement and obtain damages resulting from Defendants’ unauthorized and ongoing actions, in the state of New York and elsewhere, of



making, having made, using, selling, having sold, offering to sell, and/or importing or having imported into the United States, certain personal computer products that infringe one or more claims in Andrea's U.S. Patent No. 5,825,898 (the "'898 Patent"), U.S. Patent No. 6,049,607 (the "'607 Patent"), U.S. Patent No. 6,363,345 (the "'345 Patent"), and U.S. Patent No. 6,483,923 (the "'923 Patent") (collectively, the "Asserted Patents").

2. This is an action for direct infringement. Upon information and belief, Defendants make, have made, use, sell, offer to sell, and/or import or have imported into the United States certain personal computer products including, but not limited to, desktops, notebooks, laptops, all-in-ones, and tablets that infringe one or more of the Asserted Patents, either literally or under the doctrine of equivalents.

3. In addition, this is an action for indirect infringement. Upon information and belief, Defendants contribute to or induce the direct infringement of, either literally or under the doctrine of equivalents, one or more methods claimed in the '607, '345, and '923 Patents.

#### **THE PARTIES**

4. Plaintiff Andrea is a corporation organized and existing under the laws of the state of New York with its principal place of business at 65 Orville Drive, Suite One, Bohemia, New York 11716.

5. Upon information and belief, Lenovo Holding Company, Inc. is a corporation organized and existing under the laws of the State of Delaware with its principal place of business at 1009 Think Place, Morrisville, North Carolina 27650. Upon information and belief Lenovo Holding Inc. is the subsidiary of, or in the alternative, is controlled by Lenovo Group Ltd.

6. Upon information and belief, Lenovo (United States) Inc. is a corporation organized under the laws of the State of Delaware and has a principal place of business at 1009

Think Place, Morrisville, North Carolina 27560. Upon information and belief, Lenovo (United States) Inc. is the subsidiary of or, in the alternative, is controlled by Lenovo Holding Company Inc.

### **JURISDICTION AND VENUE**

7. This is an action for patent infringement. Federal Question jurisdiction is conferred upon this Court pursuant to 28 U.S.C. § 1331 and § 1338(a).

8. Upon information and belief, Defendants are subject to personal jurisdiction in the Eastern District of New York because they regularly transact business in this judicial district by, among other things, offering their products to customers, business affiliates, and/or partners located in this judicial district. In addition, Defendants have committed acts of direct infringement of one or more claims of one or more Asserted Patents in this judicial district. Infringing products made and sold by Defendants including, but not limited to, desktops, notebooks, laptops, all-in-ones, and tablets are widely advertised in New York and are readily available at numerous retail locations throughout the state, including within the Eastern District of New York. Upon information and belief, Defendants make ongoing and continuous shipments of infringing products into the Eastern District of New York and maintain an established distribution network that encompasses New York. Infringing products are manufactured by Defendants, or at their direction, and are used or consumed within this State in the ordinary course of trade. Defendants admitted that personal jurisdiction is proper in the Eastern District of New York and that they are subject to personal jurisdiction in the Eastern District of New York in paragraph 8 of their Answer filed on October 20, 2014.

9. Venue is proper in the Eastern District of New York under 28 U.S.C. §§ 1391(b) and (c) as well as 28 U.S.C. § 1400(b) because Defendants are subject to personal jurisdiction in

this district and have committed acts of infringement in this district. Additionally, Plaintiff's principal place of business is located in this judicial district.

### **BACKGROUND AND FACTS RELATED TO THIS ACTION**

10. Andrea is a leading industry developer of product solutions which optimize the performance of voice user interfaces and has a decorated history deeply rooted in the state of New York. Its technology has been applied to products related to, among other things, voice over internet protocol ("VoIP") telephone, VoIP teleconferencing, video conferencing, speech recognition, computer gaming, in-car computing, and 3D audio recording.

11. The leadership of Andrea has spanned three familial generations over 80 years, and the company has been headquartered in the Long Island community since 1934. Andrea's products are featured in the Henry Ford Museum and Smithsonian National Museum of American History.

12. In the early 1900s, Frank Andrea, an Italian immigrant, started his business career. He began as an electroplater for I.P. Frink manufacturing company and studied at night as a tool maker and machinist at the Mechanics Institute in New York City. In 1913 he joined the Frederick Pierce Company and, after the outbreak of World War I, worked to design tools to manufacture parts for a new aircraft radio receiver that he had built. Mr. Andrea soon thereafter started his own company, FADA.

13. As founder of FADA, Mr. Andrea employed his family members, including his 16 year-old brother, John. FADA picked up momentum when Mr. Andrea convinced Marconi, the predecessor of RCA, to place an order for radio parts. FADA began manufacturing parts for crystal sets and "Do It Yourself" kits. FADA also soon began manufacturing parts such as sockets and rheostats for tube type radios.

14. After selling his controlling interest in FADA, Mr. Andrea founded the Andrea Radio Corporation (“Andrea Radio”). Andrea Radio’s offerings evolved over time. In 1939, Andrea Radio developed and produced one of the first television sets, which was displayed at the World’s Fair in Queens, New York. Andrea Radio sold TV kits and the first television console models that also housed a radio and phonograph. In 1954, Andrea Radio began developing a color television and introduced a set in 1957.

15. During the Second World War, the firm engaged in the production of military electronics. In 1942, Andrea Radio was presented with the prestigious high honors Navy E Award for manufacturing excellence and providing military audio communications equipment. In the early 1960s, Andrea Radio developed and produced several types of high reliability intercommunication systems for installation in various military and commercial aircraft. Indeed, Andrea Radio produced the audio intercom system for Project Mercury’s first manned spacecraft.

16. Mr. Andrea passed away in 1965, leaving his son, Frank Jr., to continue the Andrea business.

17. In the 1970s and 1980s, Andrea Radio became a premier supplier of high performance avionic intercom equipment for defense industry manufacturers like Bell Helicopter, Boeing, Sikorsky, and Lockheed, prompting Andrea Radio to change its name to Andrea Electronics Corporation. Andrea produced microphone audio pre-amplifiers for Navy aviators’ oxygen mask helmet systems. The experience gained from producing audio intercom systems for high noise environments paved the way for Andrea’s emphasis on active noise cancellation.

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