

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

AERITAS, LLC,

Plaintiff,

v.

WALMART, INC.

Defendant.

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Civil Action No. 6:18-cv-449

Jury Trial Demanded

ORIGINAL COMPLAINT FOR PATENT INFRINGEMENT

Plaintiff Aeritas, LLC (“Aeritas” or “Plaintiff”) files this Complaint for patent infringement against Defendant Walmart, Inc. (“Walmart” or “Defendant”), and alleges as follows:

NATURE OF THE ACTION

1. This is an action for patent infringement arising under 35 U.S.C. § 1 *et seq.*

PARTIES

2. Aeritas is a limited liability company organized and existing under the laws of the State of Texas, with its principal place of business in Dallas, Texas and its registered agent at 15950 Dallas Parkway, Suite 225, Dallas, TX 75248.

3. On information and belief, Walmart is a corporation organized and existing under the laws of the State of Delaware. Walmart may be served via its registered agent for service of process: CT Corporation System, 1999 Bryan Street, Suite 900, Dallas, Texas 75201.

JURISDICTION AND VENUE

4. This Court has original jurisdiction over the subject matter of this action pursuant to 28 U.S.C. §§ 1331 and 1338(a).

5. Upon information and belief, Walmart is subject to personal jurisdiction of this Court based upon it having regularly conducted business, including the acts complained of herein, within the State of Texas and this judicial district (“District”) and/or deriving substantial revenue from goods and services provided to individuals in Texas and in this District.

6. Venue is proper in this District under 28 U.S.C. §§ 1391 and 1400 because Walmart has committed acts of infringement and has regular and established places of business in this District.

ASSERTED PATENTS

7. On November 8, 2011, United States Patent No. 8,055,285 (the “’285 patent”) was duly and legally issued for a “Mixed-Mode Interaction.” A true and correct copy of the ‘285 is attached hereto as Exhibit A. Aeritas is the owner of all right, title and interest in and to the ‘285 patent.

8. On July 12, 2016, United States Patent No. 9,390,435 (the “’435 patent”) was duly and legally issued for a “Mixed-Mode Interaction.” A true and correct copy of the ‘435 patent is attached hereto as Exhibit B. Aeritas is the owner of all right, title and interest in and to the ‘435 patent.

9. On February 6, 2018, United States Patent No. 9,888,107 (the “’107 patent”) was duly and legally issued for a “Mixed-Mode Interaction.” A true and correct copy of the ‘107 patent is attached hereto as Exhibit C. Aeritas is the owner of all right, title and interest in and to the ‘107 patent.

10. On April 27, 2010, United States Patent No. 7,706,819 (the “’819 patent”) was duly and legally issued for a “Mixed-Mode Interaction.” A true and correct copy of the ‘819 patent is attached hereto as Exhibit D. Aeritas is the owner of all right, title and interest in and to the ‘819 patent.

11. The ‘285, ‘435, ‘107 and ‘819 patents (“Asserted Patents”) were invented by Malik Mamdani, Patrick Johnson, Kevin Bomar, Curtis Grant, and/or Tim Whatley. Mr. Mamdani lives in Dallas, Texas. On information and belief, Mr. Johnson lives in Trophy Club, Texas. On information and belief, Mr. Bomar lives in Weatherford, Texas. On information and belief, Mr. Grant lives in Flower Mound, Texas. On information and belief, Mr. Whatley lives in Athens, Texas. The Asserted Patents were prosecuted by David Judson, with an office in Dallas, Texas.

BACKGROUND

12. Aeritas developed its mobile device location-based information service based on research and development activities that began around 2000. In recognition of its pioneering efforts in this field, the United States Patent & Trademark Office issued the inventors several U.S. patents directed to Aeritas’s innovative technology platform, service and notification method. These include the Asserted Patents.

13. Walmart provides mobile device applications for both iOS and Android devices (<https://www.walmart.com/cp/walmart-mobile-app/1087865>) (collectively, the “Accused Instrumentality”) which, on information and belief, operate substantially the same with respect to the Asserted Patents.

FIRST CLAIM FOR RELIEF (Infringement of the ‘285 Patent)

14. Aeritas incorporates paragraphs 1 through 13 as though fully set forth herein.

15. Walmart has been and is now infringing one or more claims of the ‘285 patent under 35 U.S.C. § 271 by making and/or using the Accused Instrumentality.

16. More particularly, Walmart infringes at least claim 1 of the ‘285 patent. Walmart receives and stores an input in a user profile in a database, the input comprising consumer interest

data (e.g., items in a “list”). At a second time, data identifying a current location of the mobile communications device on which the Accused Instrumentality is installed is obtained (e.g., upon application launch or return to a list). Based on the input and location, Walmart performs a search to locate pertinent information (e.g., selection of “options” from the product page of a saved product results in a search for nearby stores currently stocking the product) and receives the results of such search. Walmart then provides the information to the mobile communications device.

17. Aeritas has been damaged by Walmart’s infringing activities and will be irreparably harmed unless those infringing activities are preliminarily and permanently enjoined by this Court.

**SECOND CLAIM FOR RELIEF
(Infringement of the ‘435 Patent)**

18. Aeritas incorporates paragraphs 1 through 13 as though fully set forth herein.

19. Walmart has been and is now infringing one or more claims of the ‘435 patent under 35 U.S.C. § 271 by making and/or using the Accused Instrumentality.

20. More particularly, Walmart infringes at least claim 1 of the ‘435 patent. On information and belief, Walmart employs a processor and computer memory holding computer program instructions to perform the functions described herein. Walmart receives data indicating permission to provide a notification to a mobile device user in accordance with notification criteria (e.g., according to App notification settings). At a given time, Walmart determines the location of the mobile device (e.g., as evidenced by permissions required to access the device’s location and subsequent provision of location-based information). Based on the location and notification criteria, Walmart provides at least a visual alert notification (e.g., a push notification to the mobile device when a user who has placed an order is on their way to and/or arrives at a Walmart location for pickup). Walmart receives second data as a result of an input being received at the mobile device (e.g., interaction with the notification), retrieves information associated with the input and

location (e.g., pickup instructions for the specific Walmart store), and provides responsive information to the mobile device (e.g., store information and the pickup instructions).

21. Aeritas has been damaged by Walmart's infringing activities and will be irreparably harmed unless those infringing activities are preliminarily and permanently enjoined by this Court.

**THIRD CLAIM FOR RELIEF
(Infringement of the '107 Patent)**

22. Aeritas incorporates paragraphs 1 through 13 as though fully set forth herein.

23. Walmart has been and is now infringing one or more claims of the '107 patent under 35 U.S.C. § 271 by making and/or using the Accused Instrumentality.

24. More particularly, Walmart infringes at least claim 5 of the '107 patent. On information and belief, Walmart employs a processor and computer memory holding computer program instructions to perform the functions described herein. Walmart receives data indicating permission to provide a notification to a mobile device user in accordance with notification criteria (e.g., according to App notification settings). At a given time, Walmart determines the location of the mobile device (e.g., as evidenced by permissions required to access the device's location and subsequent provision of location-based information). Based on the location and notification criteria, Walmart provides at least a visual alert notification (e.g., a push notification to the mobile device when a user who has placed an order is on their way to and/or arrives at a Walmart location for pickup). Walmart receives second data as a result of an input being received at the mobile device (e.g., interaction with the notification), retrieves information associated with the input and location (e.g., pickup instructions for the specific Walmart store), and provides responsive information to the mobile device (e.g., store information and the pickup instructions). On information and belief, the program instructions include first and second components of a rules

engine to evaluate notification criteria and execute notification rules (e.g., as evidenced by the provision of a notification based on conditions).

25. Aeritas has been damaged by Walmart's infringing activities and will be irreparably harmed unless those infringing activities are preliminarily and permanently enjoined by this Court.

**FOURTH CLAIM FOR RELIEF
(Infringement of the '819 Patent)**

26. Aeritas incorporates paragraphs 1 through 13 as though fully set forth herein.

27. Walmart has been and is now infringing one or more claims of the '819 patent under 35 U.S.C. § 271 by making and/or using the Accused Instrumentality.

28. More particularly, Walmart infringes at least claim 1 of the '819 patent. Walmart receives spoken input from a wireless communication device (e.g., when a user searches for an item using voice input). Walmart obtains data identifying the current location of the mobile device (e.g., as evidenced by permissions required to access the device's location and subsequent provision of location-based information). Based on the location and the spoken input, Walmart retrieves information (e.g., the nearby availability of a product subject to the voice search). Walmart delivers to the wireless device by a notification server, a non-verbal response to the spoken input, the non-verbal response based on the retrieved information and including a drill-down menu by which additional information related to the retrieved information can be obtained (e.g., the nearby availability of a product subject to the voice search, which includes a selectable "options" link). Walmart provides additional information related to the retrieved information in response to receipt of at least one additional input provided via the drill-down menu (e.g., distance and other information about nearby stores in response to selection of the "options" link).

29. Aeritas has been damaged by Walmart's infringing activities and will be irreparably harmed unless those infringing activities are preliminarily and permanently enjoined by this Court.

DEMAND FOR JURY TRIAL

Pursuant to Rule 38 of the Federal Rules of Civil Procedure, Aeritas hereby demands a trial by jury of all issues so triable.

PRAYER FOR RELIEF

WHEREFORE, Aeritas requests that the Court enter a judgment in its favor and against Defendant as follows:

- A. Permanently enjoining Defendant, its agents, servants, and employees, and all those in privity with it or in active concert and participation with it, from engaging in acts of infringement of the Asserted Patents;
- B. Awarding Aeritas past and future damages together with prejudgment interest and post-judgment interest to compensate for the infringement of the patents-in-suit in accordance with 35 U.S.C. § 284;
- C. Declaring this case exceptional, pursuant to 35 U.S.C. § 285;
- D. Awarding Aeritas its costs (including expert fees), disbursements, and attorneys' fees; and
- E. Granting such further relief as this Court deems to be just and proper.

Dated: August 27, 2018

Respectfully submitted,

DELGIORNO IP LAW, PLLC

By:

A handwritten signature in black ink, appearing to read "Matthew DelGiorno", is written over a horizontal line.

Matthew DelGiorno

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**ATTORNEY FOR PLAINTIFF
AERITAS, LLC**