

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

AERITAS, LLC,

Plaintiff,

v.

MACYS.COM, LLC.

Defendant.

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Civil Action No. 6:16-cv-1082

Jury Trial Demanded

FIRST AMENDED COMPLAINT FOR PATENT INFRINGEMENT

With opposing party’s written consent pursuant to Fed. R. Civ. P. 15(a)(2), Plaintiff Aeritas, LLC (“Aeritas” or “Plaintiff”) files this First Amended Complaint for Patent Infringement against Defendant Macys.com, LLC (“Macy’s” 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, Macy’s is a corporation organized and existing under the laws of the State of Ohio, with a place of business located at 7 West Seventh Street, Cincinnati, Ohio 45202.

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, Macy's 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. Upon information and belief, Macy's has purposely and repeatedly availed itself of the privilege of doing business within the District, and a substantial part of the events giving rise to the claims herein occurred in this District.

ASSERTED PATENTS

7. 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 A. Aeritas is the owner of all right, title and interest in and to the '819 patent.

8. 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 B. Aeritas is the owner of all right, title and interest in and to the '285 patent.

9. 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 C. Aeritas is the owner of all right, title and interest in and to the '435 patent.

10. The '819, '285, and '435 patents ("Asserted Patents") were invented by Malik Mamdani, Patrick Johnson, Kevin Bomar, Curtis Grant, and Tim Whatley. Mr. Mamdani lives in Dallas, Texas. Mr. Johnson lives in Trophy Club, Texas. Mr. Bomar lives in Weatherford,

Texas. Mr. Grant lives in Flower Mound, Texas. Mr. Whatley lives in Athens, Texas. The Asserted Patents were prosecuted by David Judson, with an office in Dallas, Texas.

BACKGROUND

11. Aeritas developed its mobile device location-based information service based on research and development activities that began in early 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 the Aeritas's innovative technology platform, service and notification method. These include the Asserted Patents.

12. Macy's, Inc. is one of the nation's premier retailers. Macy's, Inc. operates about 870 stores in 45 states, the District of Columbia, Guam, and Puerto Rico (<http://investors.macysinc.com/phoenix.zhtml?c=84477&p=irol-irhome>), including one or more stores in this District.

13. Macy's provides mobile device applications that offer various functionality including Macy's lists, buy online/pick up in stores operated by Macy's, Inc., information access about products for sale at such stores, and notifications (<http://www1.macys.com/ce/splash/enhance-app/index>), including notifications triggered by a user's proximity to beacons placed in Macy's, Inc. stores (<http://blog.beaconstac.com/2016/02/25-retailers-nailing-it-with-their-proximity-marketing-campaigns/>). Macy's operation of the Macy's app infringes the Asserted Patents.

**FIRST CLAIM FOR RELIEF
(Infringement of the ‘819 Patent)**

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

15. Macy’s 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 Macy’s app.

16. More particularly, Macy’s infringes at least claim 17 of the ‘819 patent. Macy’s receives a non-verbal input (e.g., a product selection) from a mobile communications device on which the Macy’s app is installed. Data identifying a current location of the mobile communications device is received (e.g., when a user enables “Location Tracking”), information (e.g., availability of the product at a local store) that is a function of the input and the location is retrieved, and a non-verbal response (e.g., a list of stores) is delivered to the mobile communications device by a notification server. The non-verbal response includes a drill-down menu by which additional information can be obtained (e.g., obtaining additional information about a particular store), and such additional information is provided to the mobile communications device.

17. Aeritas has been damaged by Macy’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 ‘285 Patent)**

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

19. Macy’s 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 Macy’s app.

20. More particularly, Macy’s infringes at least claim 1 of the ‘285 patent. Macy’s receives and stores an input in a user profile in a database, the input comprising consumer interest data (e.g., an item added to a List or the Shopping Bag). At a second time, data identifying a

current location of the mobile communications device on which the Macy's app is installed is obtained (e.g., with "Location Tracking" activated). Based on the input and location, Macy's performs a search to locate pertinent information (e.g., a user can view items previously added to a Wish List or the Shopping Bag and "Check availability in your area") and receives the results of such search. Macy's then provides a notification to the mobile communications device.

21. Aeritas has been damaged by Macy'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 '435 Patent)**

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

23. More particularly, Macy's infringes at least claim 1 of the '435 patent. On information and belief, Macy's employs a processor and computer memory holding computer program instructions to perform the functions described herein. Macy's receives data indicating permission to provide a notification to a mobile device user in accordance with notification criteria (e.g., "Be the First to Know" and/or in-store notifications). Macy's determines a location of the mobile device (e.g., "Location Tracking") and, based on the location and notification criteria, provides at least a visual alert notification (e.g., a mobile device alert). Macy's receives second data as a result of an input being received at the mobile device (e.g., interaction with the notification and/or the app), retrieves information associated with the input (e.g., item availability at nearby stores), and provides responsive information to the mobile device (e.g., a list of nearby stores).

24. Aeritas has been damaged by Macy'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. § 384;
- 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: October 6, 2016

Respectfully submitted,

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**ATTORNEY FOR PLAINTIFF
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