

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

APPLE INC.,
Petitioner

v.

UNILOC 2017 LLC,
Patent Owner

Case No. IPR2017-01993
U.S. Patent No. 9,414,199

PETITIONER APPLE INC.'S DEMONSTRATIVE EXHIBITS

Apple Inc. v. Uniloc 2017 LLC

Petitioner Apple's Demonstrative Exhibits

Patent Trial and Appeal Board, Case IPR2017-01993

December 4, 2018

Overview

Overview of '199 Patent

Grounds Instituted

Claim Construction

Grounds 1 and 2

Grounds 3 and 4

'199 Patent



(12) **United States Patent**
Etchegoyen (10) **Patent No.:** **US 9,414,199 B2**
 (45) **Date of Patent:** **Aug. 9, 2016**

(54) **PREDICTIVE DELIVERY OF INFORMATION
 BASED ON DEVICE HISTORY**

(56) **References Cited**

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(71) Applicant: **Uniloc Luxembourg S.A.**, Luxembourg
 (LU)

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 135 days.

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(22) Filed: **Feb. 24, 2014**

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H04W 4/02 (2009.01)

H04W 4/14 (2009.01)

H04W 4/20 (2009.01)

(52) **U.S. Cl.**

H04W 4/028 (2013.01); *H04W 4/14*

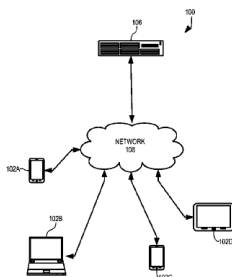
(2013.01); *H04W 4/206* (2013.01)

(58) **Field of Classification Search**

USPC 709/204, 217, 219, 223, 224

See application file for complete search history.

5 Claims, 6 Drawing Sheets



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 (45) **Date of Patent:** **Aug.**

(54) **PREDICTIVE DELIVERY OF INFO
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(21) **Appl. No.:** **14/188,063**

(22) **Filed:** **Feb. 24, 2014**

APPLE EXHIBIT 1001

'199 Patent – Claim 1

If predicted to be:

- “at ... one or more predetermined locations”
- “within the predetermined maximum amount of time”
- “with at least the predetermined likelihood”



Then:

- perform “one or more predetermined actions”

1. A method for delivering information to two or more user devices, the method comprising:
retrieving the information from one or more user devices that associate the information with one or more predetermined locations, a predetermined maximum amount of time, a predetermined likelihood, and a set of predetermined actions; and
for each of the two or more user devices:
predicting whether the user device will be at one or more predetermined locations within a predetermined maximum amount of time with at least a predetermined likelihood; and
in response to the predicting that the user device will be at any of the one or more predetermined locations within the predetermined maximum amount of time with at least the predetermined likelihood, performing one or more predetermined actions;
wherein at least one of the actions includes delivering the information to the user device.

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