US007561104C1

(12) EX PARTE REEXAMINATION CERTIFICATE (10261st)

United States Patent

Alles et al.

(10) Number: US 7,561,104 C1

(45) Certificate Issued: Aug. 18, 2014

(54) **METHOD TO MODIFY CALIBRATION DATA USED TO LOCATE A MOBILE UNIT**

(75) Inventors: **Martin Alles**, Vienna, VA (US); **John Carlson**, Dulles, VA (US); **George Maher**, Herndon, VA (US); **Seleuk Mazlum**, Leesburg, VA (US)

(73) Assignee: **JPMorgan Chase Bank, N.A.**, New York, NY (US)

Reexamination Request:
No. 90/012,694, Sep. 24, 2012

Reexamination Certificate for:

Patent No.:	**7,561,104**
Issued:	**Jul. 14, 2009**
Appl. No.:	**12/026,333**
Filed:	**Feb. 5, 2008**

Related U.S. Application Data

(60) Provisional application No. 60/899,379, filed on Feb. 5, 2007.

(51) **Int. Cl.**
G01S 3/02 (2006.01)

(52) **U.S. Cl.**
USPC **342/451**; 342/457

(58) **Field of Classification Search**
None
See application file for complete search history.

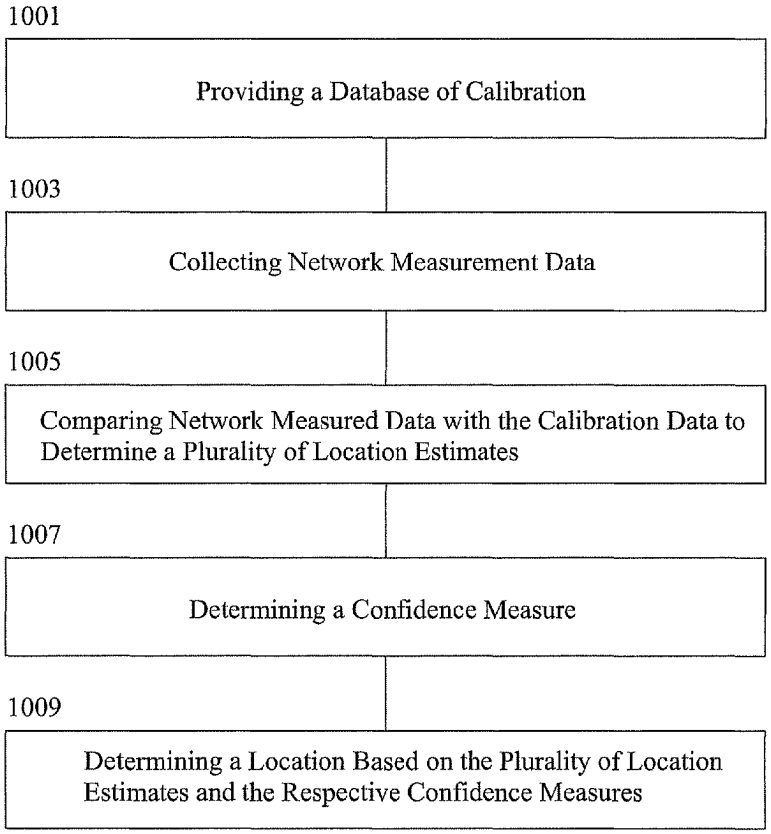
(56) **References Cited**

To view the complete listing of prior art documents cited during the proceeding for Reexamination Control Number 90/012,694, please refer to the USPTO's public Patent Application Information Retrieval (PAIR) system under the Display References tab.

Primary Examiner — Angela M Lie

(57) **ABSTRACT**

A method of modifying calibration data used to geo-locate a mobile station located in an indoor environment is disclosed. When a mobile station is located indoors, the signal strength of signals received and/or transmitted by the mobile station have the tendency to be lower than the strength of the signals received by a mobile station located outdoors. As a result of these lower signal strengths, geo-location efforts which rely on signal strengths may result in unsatisfactory location accuracy. Modifying pre-existing calibration data obtained outdoors may provide a way to simulate indoor calibration data characteristics.



GOOGLE EXHIBIT 1004
Google v. Geoscope

EX PARTE REEXAMINATION CERTIFICATE ISSUED UNDER 35 U.S.C. 307

THE PATENT IS HEREBY AMENDED AS INDICATED BELOW.

AS A RESULT OF REEXAMINATION, IT HAS BEEN DETERMINED THAT:

The patentability of claims **1-14** is confirmed.

Claims **15-21** are cancelled.

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