



US008633802B2

(12) **United States Patent**  
**Wesby-van Swaay**

(10) **Patent No.:** **US 8,633,802 B2**  
(45) **Date of Patent:** **\*Jan. 21, 2014**

(54) **PROGRAMMABLE COMMUNICATOR**

USPC ..... 340/539.12, 573.4, 693.5, 7.29, 7.33,  
340/7.52; 455/456, 456.2, 418, 419, 425;

(75) Inventor: **Eveline Wesby-van Swaay**, Tiddington  
(GB)

379/142, 373, 375  
See application file for complete search history.

(73) Assignee: **M2M Solutions LLC**, Tiddington,  
Stratford-upon-Avon (GB)

(56) **References Cited**

(\*) Notice: Subject to any disclaimer, the term of this  
patent is extended or adjusted under 35  
U.S.C. 154(b) by 0 days.

U.S. PATENT DOCUMENTS

4,465,904 A 8/1984 Gottsegen et al. .... 179/5 R  
4,658,096 A 4/1987 West, Jr. et al. .... 379/59

(Continued)

This patent is subject to a terminal dis-  
claimer.

FOREIGN PATENT DOCUMENTS

(21) Appl. No.: **13/328,095**

CA 2 293 393 A1 12/1998 ..... H04Q 7/32  
DE 196 25 581 A1 12/1997 ..... G08B 25/10

(22) Filed: **Dec. 16, 2011**

(Continued)

(65) **Prior Publication Data**

OTHER PUBLICATIONS

US 2012/0088474 A1 Apr. 12, 2012

Azzaro et al., U.S. Appl. No. 60/162,249, dated Oct. 28, 1999 (21  
pages).

**Related U.S. Application Data**

(Continued)

(63) Continuation of application No. 12/538,603, filed on  
Aug. 10, 2009, now Pat. No. 8,094,010, which is a  
continuation of application No. 11/329,212, filed on  
Jan. 10, 2006, now Pat. No. 7,583,197, which is a  
continuation of application No. 10/296,571, filed as  
application No. PCT/EP01/05738 on May 18, 2001,  
now abandoned.

*Primary Examiner* — Nam V Nguyen

(74) *Attorney, Agent, or Firm* — Sunstein Kann Murphy &  
Timbers LLP

(30) **Foreign Application Priority Data**

May 23, 2000 (FI) ..... 20001239

(51) **Int. Cl.**  
**G08B 5/22** (2006.01)  
**H04Q 1/30** (2006.01)

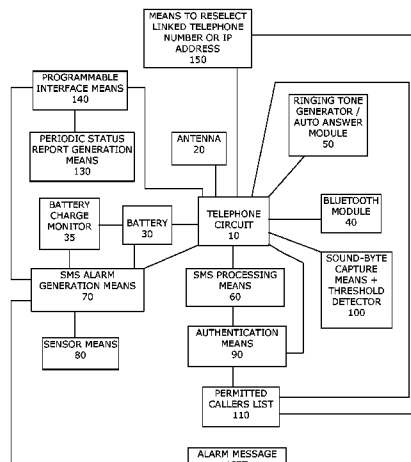
(52) **U.S. Cl.**  
USPC ..... **340/7.29**; 340/7.52; 340/539.12;  
455/425

(57) **ABSTRACT**

A programmable communicator device is disclosed having a  
wireless communications circuit, including an antenna, con-  
figured to receive a transmission, and an identity module  
having a unique identifier. The programmable communicator  
further includes a processing module including program code  
configured to determine if the transmission is from an authen-  
ticated caller by determining whether a received transmission  
contains the unique identifier, and memory configured to  
store telephone numbers or IP addresses received in transmis-  
sions from an authenticated caller.

(58) **Field of Classification Search**  
CPC ..... H04M 3/00; H04Q 7/20

**31 Claims, 3 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

4,855,713 A 8/1989 Brunius ..... 340/506  
 4,908,853 A 3/1990 Matsumoto ..... 379/355  
 4,951,029 A 8/1990 Severson ..... 340/506  
 5,012,234 A 4/1991 Dulaney et al. .... 340/825.44  
 5,276,729 A 1/1994 Higuchi et al. .... 379/58  
 5,293,418 A 3/1994 Fukawa ..... 379/58  
 5,348,008 A 9/1994 Bornn et al. .... 128/642  
 5,381,138 A 1/1995 Stair et al. .... 340/825.44  
 5,396,264 A 3/1995 Falcone et al. .... 345/146  
 5,544,661 A 8/1996 Davis et al. .... 128/700  
 5,548,271 A 8/1996 Tsuchiyama et al. .... 340/311.1  
 5,581,599 A 12/1996 Tsuji et al. .... 379/63  
 5,581,803 A 12/1996 Grube et al. .... 455/54.1  
 5,623,533 A 4/1997 Kikuchi et al. .... 379/58  
 5,689,442 A 11/1997 Swanson et al. .... 364/550  
 5,689,563 A 11/1997 Brown et al. .... 380/23  
 5,742,233 A 4/1998 Hoffiman et al. .... 340/573  
 5,742,666 A 4/1998 Alpert ..... 379/58  
 5,745,049 A 4/1998 Akiyama et al. .... 340/870.17  
 5,752,976 A 5/1998 Duffin et al. .... 607/32  
 5,771,455 A 6/1998 Kennedy, III et al. .... 455/456  
 5,774,804 A 6/1998 Williams ..... 455/419  
 5,802,460 A 9/1998 Parvulescu et al. .... 455/92  
 5,831,545 A 11/1998 Murray et al. .... 340/825.49  
 5,878,339 A 3/1999 Zicker et al. .... 455/419  
 5,884,161 A 3/1999 Hegeman ..... 455/414  
 5,903,634 A 5/1999 Wakabayashi et al. .... 379/127  
 5,940,752 A 8/1999 Henrick ..... 455/419  
 5,946,636 A 8/1999 Uyeno et al. .... 455/566  
 5,948,064 A 9/1999 Bertram et al. .... 709/225  
 5,960,366 A 9/1999 Duwaer ..... 455/556  
 5,974,312 A \* 10/1999 Hayes et al. .... 455/419  
 5,995,603 A \* 11/1999 Anderson ..... 379/142.05  
 5,997,476 A 12/1999 Brown ..... 600/300  
 5,999,990 A 12/1999 Sharrit et al. .... 710/8  
 6,026,293 A 2/2000 Osborn ..... 455/411  
 6,031,828 A 2/2000 Koro et al. .... 370/336  
 6,038,491 A 3/2000 McGarry et al. .... 700/231  
 6,041,229 A 3/2000 Turner ..... 455/420  
 6,072,396 A \* 6/2000 Gaukel ..... 340/573.4  
 6,075,451 A 6/2000 Lebowitz et al. .... 340/825.06  
 6,078,948 A 6/2000 Podgorny et al. .... 709/204  
 6,108,521 A 8/2000 Foladore et al. .... 455/31.3  
 6,125,273 A 9/2000 Yamagishi ..... 455/411  
 6,144,859 A 11/2000 LaDue ..... 455/511  
 6,148,197 A 11/2000 Bridges et al. .... 455/432  
 6,157,318 A 12/2000 Minata ..... 340/825.44  
 6,172,616 B1 1/2001 Johnson et al. .... 340/870.12  
 6,198,390 B1 \* 3/2001 Schlager et al. .... 340/540  
 6,208,039 B1 3/2001 Mendelsohn et al. .... 307/52  
 6,208,839 B1 3/2001 Davani ..... 455/31.3  
 6,208,854 B1 3/2001 Roberts et al. .... 455/417  
 6,215,994 B1 4/2001 Schmidt et al. .... 455/419  
 6,230,002 B1 5/2001 Flodén et al. .... 455/411  
 6,275,143 B1 8/2001 Stobbe ..... 340/10.34  
 6,288,641 B1 9/2001 Casais ..... 340/539  
 6,289,084 B1 9/2001 Bushnell ..... 379/67.1  
 6,295,449 B1 9/2001 Westerlage et al. .... 455/422  
 6,308,083 B2 10/2001 King ..... 455/556  
 6,314,270 B1 11/2001 Uchida ..... 455/67.1  
 6,377,161 B1 4/2002 Gromelski et al. .... 340/7.45  
 6,411,198 B1 6/2002 Hirai et al. .... 340/7.6  
 6,424,623 B1 7/2002 Borgstahl et al. .... 370/230  
 6,442,432 B2 8/2002 Lee ..... 607/59  
 6,487,478 B1 11/2002 Azzaro et al. .... 701/24  
 6,496,777 B2 12/2002 Tennison et al. .... 701/213  
 6,519,242 B1 2/2003 Emery et al. .... 370/338  
 6,553,418 B1 4/2003 Collins et al. .... 709/224  
 6,567,671 B2 5/2003 Amin ..... 455/550  
 6,573,825 B1 6/2003 Okano ..... 340/7.51  
 6,577,881 B1 6/2003 Ehara ..... 455/563  
 6,606,508 B2 8/2003 Becker et al. .... 455/567  
 6,611,755 B1 8/2003 Coffee et al. .... 701/213

6,759,956 B2 7/2004 Menard et al. .... 340/539.19  
 6,832,102 B2 12/2004 I'Anson ..... 455/556.1  
 6,833,787 B1 12/2004 Levi ..... 340/539.13  
 6,873,842 B2 3/2005 Elayda et al. .... 455/418  
 6,900,737 B1 5/2005 Ardalan et al. .... 340/870.02  
 6,922,547 B2 7/2005 O'Neill et al. .... 455/17  
 6,970,917 B1 11/2005 Kushwaha et al. .... 709/217  
 6,985,742 B1 \* 1/2006 Giniger et al. .... 455/456.1  
 6,988,989 B2 1/2006 Weiner et al. .... 600/300  
 7,027,808 B2 4/2006 Wesby ..... 455/419  
 7,084,771 B2 \* 8/2006 Gonzalez ..... 340/573.1  
 7,254,601 B2 8/2007 Baller et al. .... 709/200  
 7,558,564 B2 7/2009 Wesby ..... 455/419  
 7,583,197 B2 9/2009 Wesby Van Swaay ..... 340/573.4  
 7,599,681 B2 10/2009 Link, II et al. .... 455/411  
 8,094,010 B2 1/2012 Wesby-van Swaay ... 340/539.12  
 2001/0001234 A1 5/2001 Addy et al. .... 340/531  
 2002/0046353 A1 4/2002 Kishimoto ..... 713/202  
 2002/0080938 A1 6/2002 Alexander, III et al. . 379/106.01  
 2002/0198997 A1 12/2002 Linthicum et al. .... 709/227  
 2003/0176952 A1 9/2003 Collins et al. .... 700/286  
 2010/0035580 A1 2/2010 Wesby-Van Swaay ..... 455/411

FOREIGN PATENT DOCUMENTS

DE 197 07 681 C1 5/1998 ..... H04M 1/00  
 EP 0 432 746 A2 6/1991 ..... H04M 1/57  
 EP 0 524 652 A2 1/1993 ..... H04M 1/274  
 EP 0 772 336 A2 5/1997 ..... H04M 9/00  
 EP 0 996 302 A1 4/2000 ..... H04Q 7/32  
 EP 1 013 055 B1 4/2005 ..... H04M 1/72  
 JP 07-087211 A 3/1995 ..... H04M 11/00  
 JP 09-64950 3/1997 ..... H04M 1/02  
 JP 2000-115859 A 4/2000 ..... H04Q 7/38  
 JP 2000-135384 A 5/2000 ..... A63H 3/33  
 JP 2001-177668 A 6/2001 ..... H04M 11/00  
 JP 2001-249860 A 9/2001 ..... G06F 13/00  
 JP 2002-077438 A 3/2002 ..... H04M 11/00  
 WO WO 95/05609 A2 2/1995 ..... G01R 27/14  
 WO WO 97/23104 A1 6/1997 ..... H04Q 7/22  
 WO WO 98/51059 A2 11/1998 ..... H04M 1/72  
 WO WO 98/56197 A1 12/1998 ..... H04Q 7/22  
 WO WO 99/13629 A1 3/1999 ..... H04M 1/72  
 WO WO 99/34339 A2 7/1999 ..... G08B 29/00  
 WO WO 99/49680 A1 9/1999 ..... H04Q 7/22  
 WO WO 99/56262 A1 11/1999 ..... G08B 21/100  
 WO WO 00/18175 A2 3/2000 ..... H04Q 9/00  
 WO WO 00/56016 A1 9/2000 ..... H04L 12/28  
 WO WO 00/70889 A1 11/2000 ..... H04Q 7/08  
 WO WO 01/03414 A1 1/2001 ..... H04M 11/00

OTHER PUBLICATIONS

European Telecommunications Standards Institute (ETSI), "Digital cellular telecommunications system (Phase 2+); Specification of the SIM Application Toolkit for the Subscriber Identity Module—Mobile Equipment (SIM-ME) interface," *Global System for Mobile Communications (GSM) Technical Specification*, (GSM 11.14 version 5.4.0), 56 pages (Jul. 1997).  
 European Telecommunications Standards Institute (ETSI), "Digital cellular telecommunications system (Phase 2+); Specification of the Subscriber Identity Module—Mobile Equipment (SIM-ME) interface," *Global System for Mobile Communications (GSM) Technical Specification*, (GSM 11.11 version 7.4.0 Release 1998), 134 pages (Dec. 1999).  
 European Telecommunications Standards Institute (ETSI), *GSM Digital cellular telecommunications system (Phase 2+); Network architecture* (GSM 03.02, version 5.0.0), TS/SMG-030302Q, 20 pages (Mar. 1996).  
 European Telecommunications Standards Institute (ETSI), *Digital cellular telecommunications system (Phase 2+); Specification of the Subscriber Identity Module—Mobile Equipment (SIM-ME) interface* (GSM 11.11, version 5.3.0), TS/SMG-091111QR1, 113 pages (Jul. 1996).

(56)

## References Cited

## OTHER PUBLICATIONS

*SIM Application Toolkit for the Subscriber Identity Module—Mobile Equipment (SIM-ME) interface* (GSM 11.14, version 5.1.0), TS/SMG-091114Q, 54 pages (Aug. 1996).

ETSI European Telecommunications Standards Institute (ETSI), *Digital cellular telecommunications system (Phase 2+); AT command set for GSM Mobile Equipment (ME)* (GSM 07.07, version 5.5.0), RE/SMG-040707QR3, 97 pages (Feb. 1998).

European Telecommunications Standards Institute (ETSI), *Digital cellular telecommunications system (Phase 2+); Specification of the Subscriber Identity Module—Mobile Equipment (SIM-ME) interface* (GSM 11.11, version 7.2.0, Release 1998), SMG version only, not for publication, 133 pages (Mar. 1999).

European Telecommunications Standards Institute (ETSI), *Digital cellular telecommunications system (Phase 2+); Use of Data Terminal Equipment—Data Circuit terminating; Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS)* (GSM 07.05, version 7.0.0, Release 1998), 66 pages (Mar. 1999).

European Telecommunications Standards Institute (ETSI), *Digital cellular telecommunications system (Phase 2+); Specification of the SIM application toolkit for the Subscriber Identity Module—Mobile Equipment (SIM-ME) interface* (GSM 11.14, version 6.2.0) 82 pages (Nov. 1998).

GEMPLUS, *Gemplus' start SIM card for advanced GSM services*, Microprocessor Cards, GemXplore98 Product Sheet, 2 pages (May 1999).

Novatel Wireless, *Novatel CDPD (Cellular Digital Packet Data) Software*, 42 pages (1999).

Phonetics, Inc., *Sensaphone 2000 User's Manual*, Version 3.0, 118 pages (Jan. 1998).

Phonetics, Inc., *Sensaphone 1104, Sensaphone 1108 Potential Disasters*, Science/Health/Labs archived website page ([http://www.sensaphone.com/pages/Health\\_Page.html](http://www.sensaphone.com/pages/Health_Page.html)), 2 pages (Dec. 1998).

Siemens, *Siemens Private Communication Systems, Technical Description of the Siemens A1*, Edition 5, 53 pages (Jan. 1998).

Siemens, *Siemens GSM Module M1 User Guide*, 76 pages (1996).

Siemens, *Cellular Engine Siemens M20 / M20 Terminal, Technical Description*, Version 4, 198 pages (Dec. 1998).

Siemens, *Cellular Engine Siemens M20 / M20 Terminal, Technical Description*, Version 5, 209 pages (Mar. 1999).

Siemens, *Cellular Engine Siemens M20 / M20 Terminal, Technical Description*, Version 7, 221 pages (Oct. 1999).

Sierra Wireless, *Dart 200 CDPD Modem, for CDPD Versions 1.0 and 1.1, User's Guide*, 206 pages (Jan. 1998).

Sine Systems, Inc., *Model RFC-1/B, Remote Facilities Controller, archived website page* (<http://www.sinesys.com/html/rfc1.html>), 4 Pages (Feb. 1998).

Sine Systems, Inc., *Remote Facilities Controller, Model RFC-1/B, Relay Panel, Model RP-8, Installation and Operation*, 97 pages (1999).

Sine Systems, Inc., *Model RFC-1/B Remote Facilities Controller: Dial-up/Automated Transmitter Control System*, Press Release, 2 pages (Jul. 1999).

Telital, *GSM Datablock Product Specification*, Revision 2, 30 pages (Nov. 1997).

Telital, Technologies archived website page (<http://www.telital.com/technologE.htm>), 2 pages (Apr. 2000).

Telital Automotive, *Telital Automotive GM360, Technical Specification*, 36 pages (Feb. 1999).

Telital Automotive, *Telefono GSM Datablock II con funzioni Voce/Dati/Fax/SMS*, 91 pages (Feb. 1999).

Telular Corporation, *Annual Report*, 48 pages (1998).

Wavecom, *Wavecom GSM Modem*, Wavecom WM01-G900, Version 7.3, Reference WCOM/GSM/WM01-G900/modATcmd, 67 pages (Dec. 1997).

Wavecom, *WISMO Wireless Standard Module, WM1B-G1900 PCS*

Wavecom, *WM02 Modem Series GSM 900 /1800 /1900 User Manual*, 23 pages (Apr. 1999).

Wavecom, *WISMO Wireless Standard Module, WM2C-G900/G1800 EGSM/DCS Dual Band Module Specifications*, Verion 0.7, Reference:WCOM/GSM/WM2C\_07, 51 pages (Sep. 1999).

3GPP (3<sup>rd</sup> Generation Partnership Project), *3<sup>rd</sup> Generation Partnership Project; Technical Speccation Group Terminals; AT command set for 3GPP User Equipment (UE)* (3G TS 27.007, version 3.4.0, Release 1999), 154 pages (Mar. 2000).

3GPP (3<sup>rd</sup> Generation Partnership Project), *3<sup>rd</sup> Generation Partnership Project; Technical Specification Group Terminals; Characteristics of the USIM Application* (3G TS 31.102, version 3.0.0), 104 pages (Jan. 2000).

3GPP (3<sup>rd</sup> Generation Partnership Project), *3<sup>rd</sup> Generation Partnership Project; Technical Specification Group Terminals; USIM Application Toolkit (USAT)* (3G TS 31.111, version 3.0.0, Release 1999), 138 pages (Apr. 2000).

Akselsen et al., *Telemedicine and ISDN*, IEEE Communications Magazine, pp. 46-51 (Jan. 1993).

Bettstetter et al., *GSM Phase 2+ General Packet Radio Service GPRS: Architecture, Protocols, and Air Interface*, IEEE Communications Surveys, <http://www.comsoc.org/pubs/surveys>, vol. 2, No. 3, pp. 2-14 (Dec. 1999).

Bult et al., *Low Power Systems for Wireless Microsensors*, UCLA Electrical Engineering Department, Los Angeles, CA and Rockwell Science Center, Thousand Oaks, CA, 5 pages (1996).

Carman et al. (NAI Labs), *A Communications Security Architecture and Cryptographic Mechanisms for Distributed Sensor Networks*, DARPA/ITO Sensor IT Workshop, 24 pages (Oct. 1999).

Chandrakasan et al., *Design Considerations for Distributed Microsensor Systems*, Department of EECS, Massachusetts Institute of Technology, Cambridge, MA, Proceedings of the IEEE 1999 Custom Integrated Circuits Conference, pp. 279-286 (May 1999).

Godfrey, *A Comparison of Security Protocols in a Wireless Network Environment*, A thesis presented to the University of Waterloo, Ontario, Canada, 87 pages (Jun. 1995).

Hodes et al., *Composable ad hoc location-based services for heterogeneous mobile clients*, Wireless Networks 5, vol. 5, No. 5, pp. 411-427 (Oct. 1999).

Istepanian et al., *Design of mobile telemedicine systems using GSM and IS-54 cellular telephone standards*, J. Telemed. Telecare, vol. 4, Suppl. 1, pp. 80-82 (Mar. 1998).

Istepanian, *Modelling of GSM-based Mobile Telemedical System*, Proceedings of the 20<sup>th</sup> Annual International Conference of the IEEE Engineering in Medicine and Biology Society, vol. 20, No. 3, pp. 1166-1169 (Oct.-Nov. 1998).

Kahn et al., *Next Century Challenges: Mobile Networking for "Smart Dust"*, Department of Electrical Engineering and Computer Science, 8 pages (1999).

Miles, *System Monitoring Messaging and Notification*, Proceedings of SAGE-AU, 15 pages (Jun. 1999).

Pavlopoulos et al., *A Novel Emergency Telemedicine System Based on Wireless Communication Technology—"Ambulance"*, IEEE Transactions on Information in Biomedicine, vol. 2, No. 4, pp. 261-267 (Dec. 1998).

Prasad et al., *Security Architecture for Wireless LANs: Corporate & Public Environment*, IEEE VTC, pp. 283-287 (2000).

Redl et al., *GSM and Personal Communications Handbook*, ISBN 0-89006-957-3, 80 pages (1998).

Schlumberger, *Schlumberger Java SIMs and Over-The-Air Server Allow Sunday to Evolve Phones Into Multi-Service Terminals*, 3 pages (Jul. 1999).

Steiner et al., *Kerberos: An Authentication Service for Open Network Systems*, Project Athena, Massachusetts Institute of Technology, pp. 1-15 pages (Jan. 1988).

Taylor et al., *Internetwork Mobility: The CDPD Approach*, 334 pages (Jun. 1996).

Wu et al., *A Mobile System for Real-Time Patient-Monitoring with Integrated Physiological Signed Processing*, Proceedings of the First Joint BMES/EMBS Conference Serving Humanity, Advancing Technology, Atlanta, GA, 1 page (Oct. 1999).

(56)

**References Cited**

## OTHER PUBLICATIONS

RGA, *Defendant's Initial Invalidity Contentions*, including Appendices A-Z, AA and DD, served on Mar. 8, 2013 (1046 pages).

*M2M Solutions LLC v. SimCom Wireless Solutions Co., Ltd. et al.*, U.S.D.C. for the District of Delaware—Civil Action No. 12-030-RGA, *Defendant's Kowatec's Initial Invalidity Contentions*, served on Mar. 22, 2013 (3 pages).

*M2M Solutions LLC et al. v. SimCom Wireless Solutions Co., Ltd. et al.*, U.S.D.C. for the District of Delaware—Civil Action No. 12-030-RGA, *Defendants' Answering Brief*, served on Jun. 21, 2013 (39 pages).

*M2M Solutions LLC et al. v. SimCom Wireless Solutions Co., Ltd. et al.*, U.S.D.C. for the District of Delaware—Civil Action No. 12-030-RGA, *Defendants' First Supplemental Invalidity Contentions*, served Jul. 5, 2013 (9 pages).

*M2M Solutions LLC et al. v. SimCom Wireless Solutions Co., Ltd. et al.*, U.S.D.C. for the District of Delaware—Civil Action No. 12-030-RGA, *Appendices A-Z and AA: Defendants' First Supplemental Invalidity Contentions*, served Jul. 5, 2013 (1084 pages).

*M2M Solutions LLC et al. v. SimCom Wireless Solutions Co., Ltd. et al.*, U.S.D.C. for the District of Delaware—Civil Action No. 12-030-RGA, *Defendants' Sur-Reply Brief on Claim Construction*, served Jul. 26, 2013 (19 pages).

*M2M Solutions LLC v. SimCom Wireless Solutions Co., Ltd. et al.*, U.S.D.C. For the District of Delaware—Civil Action No. 12-030-RGA, *Appendices DD-EE: Defendant Kowatec's Initial Invalidity Contentions*, served on Mar. 22, 2013 (126 pages).

*M2M Solutions LLC v. Sierra Wireless American, Inc. and Sierra Wireless, Inc. et al.*, U.S.D.C. for the District of Delaware—Civil Action No. 12-030-RGA, *Memorandum Opinion*, served on Nov. 12, 2013 (20 pages) {REF\_HL}.

\* cited by examiner

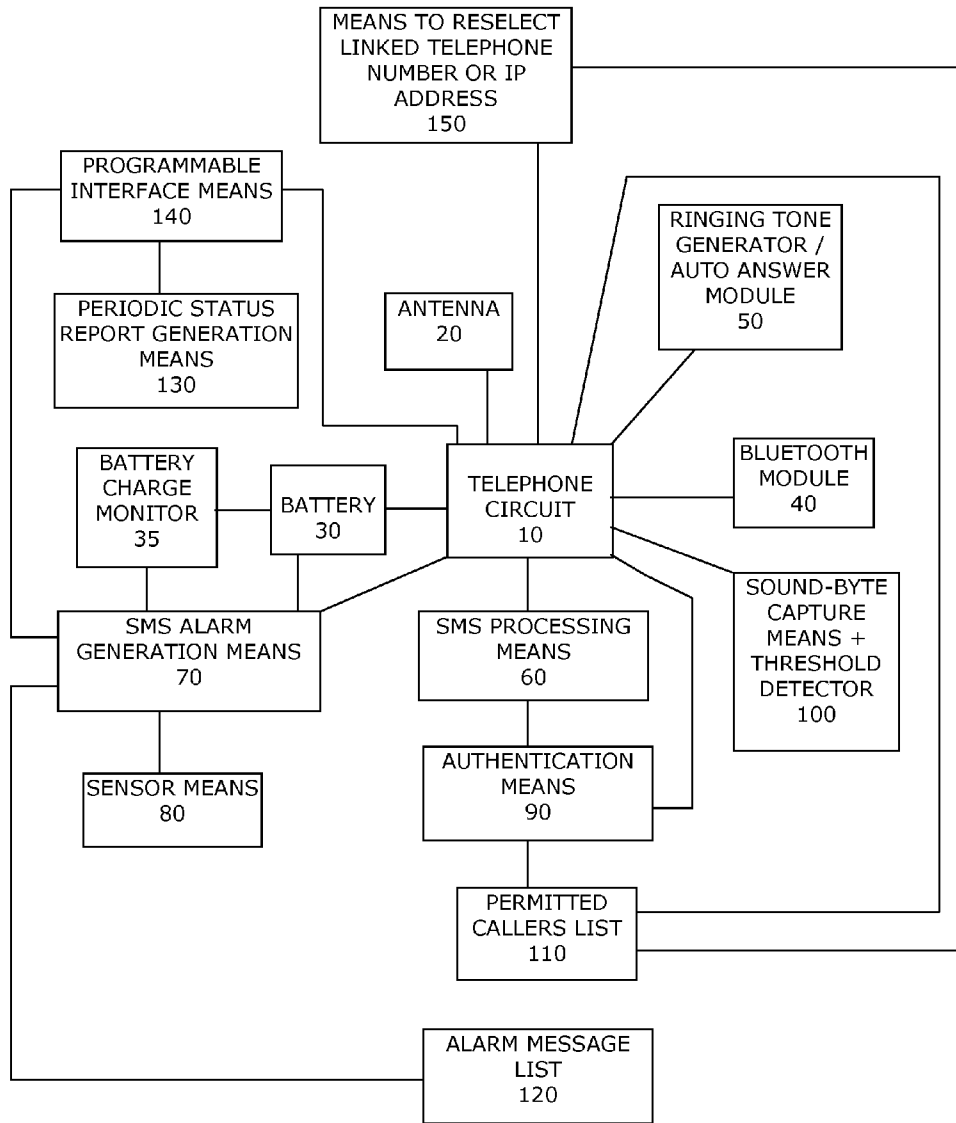


Fig. 1

# Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

## Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

## Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

## Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

## API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

## LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

## FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

## E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.