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(12) **United States Patent**
Wesby Van Swaay

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(54) **PROGRAMMABLE COMMUNICATOR**

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Related U.S. Application Data

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(30) **Foreign Application Priority Data**

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(51) **Int. Cl.**
G08B 23/00 (2006.01)
G08B 1/08 (2006.01)

(52) **U.S. Cl.** **340/573.4**; 340/539.1; 340/693.5; 340/5.61; 455/456.1; 455/456.2; 455/418; 455/419; 455/425

(58) **Field of Classification Search** 340/825.49, 340/825.44, 311.1, 573.4, 539, 693.5, 825.32; 455/550.1, 552.1, 414, 458, 560, 456.1, 456.2, 455/418–419, 425; 379/353–355, 266.01, 379/88.19, 230, 142, 373, 375
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,908,853	A	3/1990	Matsumoto	379/355.09
5,293,418	A	3/1994	Fukawa	455/566
5,381,138	A *	1/1995	Stair et al.	340/7.41
5,396,264	A	3/1995	Falcone et al.	
5,548,271	A	8/1996	Tsuchiyama et al.	340/7.61
5,581,599	A	12/1996	Tsuji et al.	455/415
5,623,533	A	4/1997	Kikuchi et al.	455/572
5,689,442	A *	11/1997	Swanson et al.	380/241
5,742,666	A	4/1998	Alpert	455/404.2
5,745,049	A *	4/1998	Akiyama et al.	340/870.17

(Continued)

FOREIGN PATENT DOCUMENTS

DE 196 25 581 12/1997

(Continued)

OTHER PUBLICATIONS

Japanese Office Action dated Mar. 22, 2006 with a partial English translation.

(Continued)

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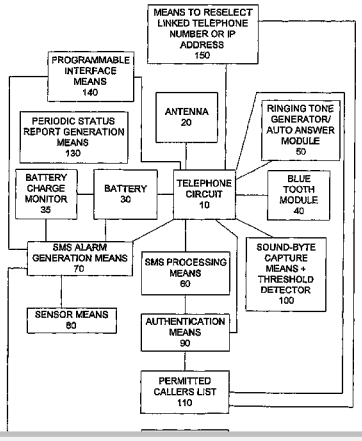
(57) **ABSTRACT**

A programmable communicator device is disclosed having a wireless communications circuit, including an antenna, configured 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 authenticated caller by determining whether a received transmission contains the unique identifier, and memory configured to store telephone numbers or IP addresses received in transmissions from an authenticated caller.

134 Claims, 3 Drawing Sheets



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U.S. PATENT DOCUMENTS

5,831,545	A *	11/1998	Murray et al.	340/7.27
5,884,161	A *	3/1999	Hegeman	455/445
5,903,634	A	5/1999	Wakabayashi et al.	379/354
5,946,636	A	8/1999	Uyeno et al.	455/566
5,960,366	A	9/1999	Duwaer	455/556
5,974,312	A	10/1999	Hayes, Jr. et al.	455/419
5,995,603	A *	11/1999	Anderson	379/142.05
6,041,229	A	3/2000	Turner	455/420
6,072,396	A *	6/2000	Gaukel	340/573.4
6,108,521	A *	8/2000	Foladare et al.	340/825.49
6,125,273	A	9/2000	Yamagishi	455/411
6,157,318	A	12/2000	Minata	
6,198,390	B1 *	3/2001	Schlager et al.	340/540
6,208,854	B1 *	3/2001	Roberts et al.	455/417
6,289,084	B1 *	9/2001	Bushnell	379/67.1
6,411,198	B1	6/2002	Hirai et al.	
6,424,623	B1 *	7/2002	Borgstahl et al.	370/230
6,573,825	B1	6/2003	Okano	
6,577,881	B1	6/2003	Ehara	
6,606,508	B2 *	8/2003	Becker et al.	455/567
6,985,742	B1 *	1/2006	Giniger et al.	455/456.1
7,084,771	B2 *	8/2006	Gonzalez	340/573.1

FOREIGN PATENT DOCUMENTS

EP	0 432 746	6/1991
EP	0 524 652	1/1993
EP	0 772 336	5/1997
EP	1 013 055	9/1998
JP	07 087211	3/1995
JP	07087211 A	3/1995
JP	2000-135384	5/2000
JP	2001-177668	6/2001
JP	2001-249860	9/2001
JP	2002-077438	3/2002
WO	WO 97/23104	6/1997
WO	WO 98/51059	11/1998
WO	WO 99/13629	3/1999
WO	WO 99/34339	7/1999
WO	WO 00/56016	9/2000
WO	WO 00/70889	11/2000
WO	WO 01/03414	1/2001

OTHER PUBLICATIONS

Fujifacon Corp., Patent Abstract of JP 07 087211, Title: Incoming call switching display device for facsimile—uses combination of colour or different audio tones to identify incoming call and carry out selection of telephone, Mar. 31, 1995.

Hitachi Ltd., Patent Abstract of JP 09 064950.

Examination Report, EP 01 945 162, references made to documents cited in the European Search Report, May 21, 2003.

* cited by examiner

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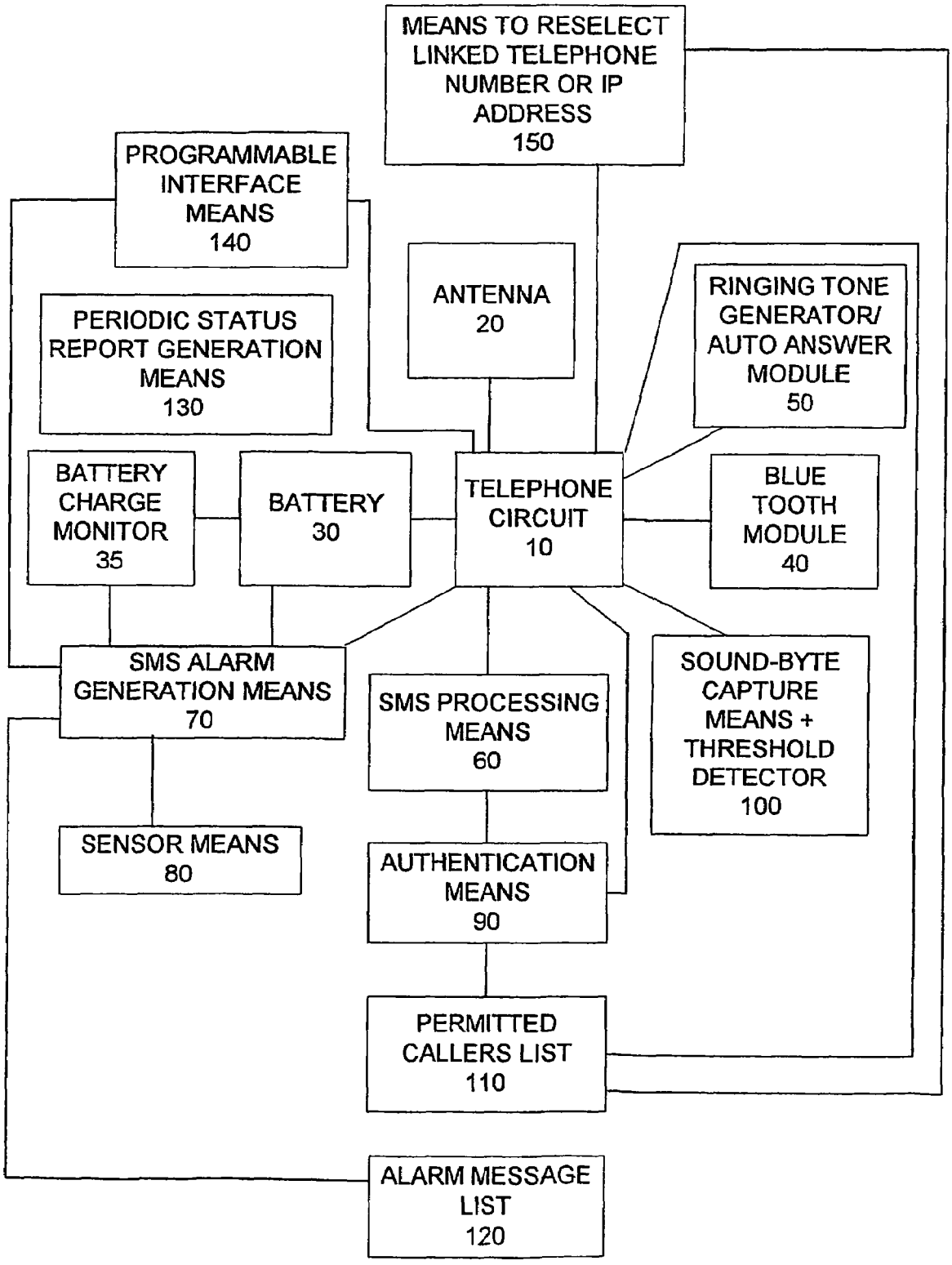

FIGURE 1

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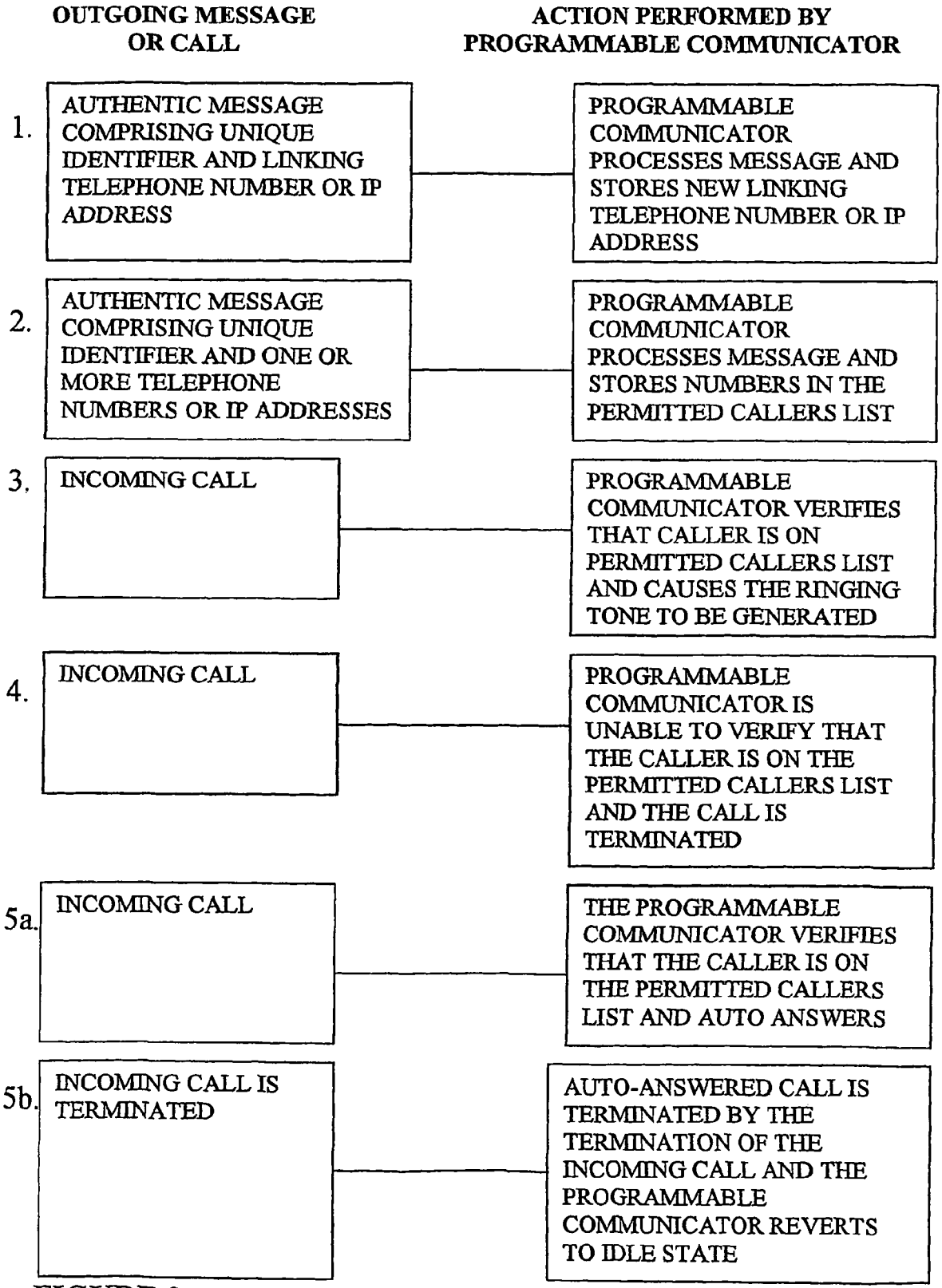

FIGURE 2.

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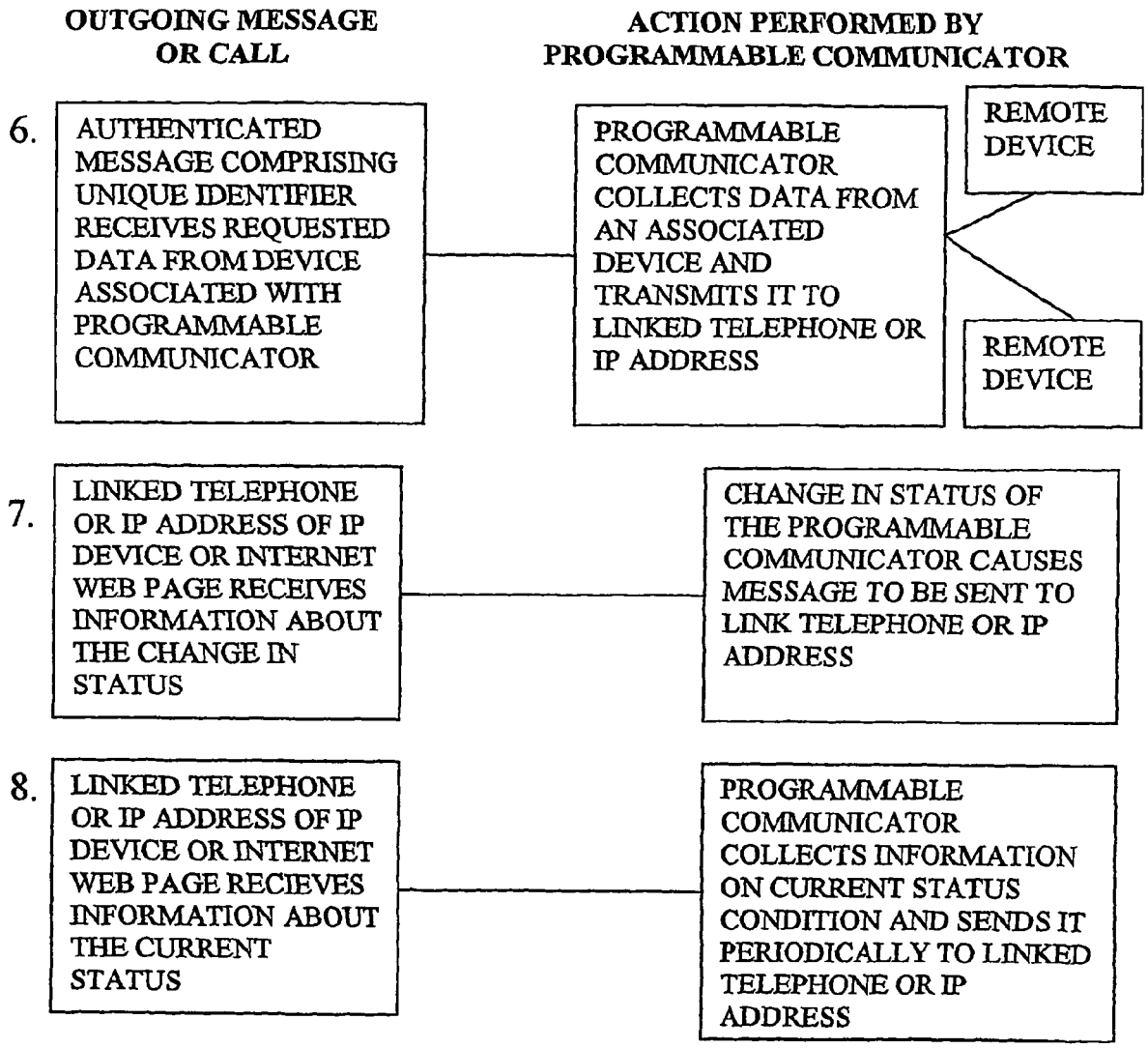

FIGURE 3

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