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	INTERFACE

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See application file for complete search history.

#### (56) References Cited

### U.S. PATENT DOCUMENTS

5,617,526	A	4/1997	Oran et al.
6,047,197	A *	4/2000	Jarrad 455/566
6,172,677	B1 *	1/2001	Stautner et al 715/716
6,211,858	B1 *	4/2001	Moon et al 715/771
6,486,914	B1 *	11/2002	Anderson 348/333.02
6,522,347	B1 *	2/2003	Tsuji et al 715/848
6,597,378	B1*	7/2003	Shiraishi et al 715/764
6,868,283	B1 *	3/2005	Bonansea et al 455/566
7,221,331	B2 *	5/2007	Bear et al 345/1.1
7,353,466	B2 *	4/2008	Crane et al 715/752
2001/0028365	A1*	10/2001	Ludolph 345/764
2001/0029527	A1*	10/2001	Goshen 709/218

2001/0035881	A1*	11/2001	Stoakley et al 345/772	
2002/0126146	A1*	9/2002	Burns et al 345/752	
2003/0013483	A1*	1/2003	Ausems et al 455/556	
2003/0120957	A1	6/2003	Pathiyal	
2003/0142125	A1	7/2003	Salmimaa et al.	
2003/0160815	A1*	8/2003	Muschetto 345/733	
2003/0169294	A1*	9/2003	Vatula et al 345/764	
2004/0155908	A1*	8/2004	Wagner 345/854	
2004/0155909	A1*	8/2004	Wagner 345/854	
2004/0204133	A1*	10/2004	Andrew et al 455/566	
2004/0259598	A1*	12/2004	Wagner et al 455/566	
2005/0020316	A1*	1/2005	Mahini 455/566	
2005/0117733	A1*	6/2005	Widger et al 379/221.05	
(Continued)				

### FOREIGN PATENT DOCUMENTS

EP 1152333 A2 7/2001 EP 1265157 A2 11/2002 (Continued)

### OTHER PUBLICATIONS

Apple Press, Newton 2.0 User Interface Guidelines, May 1996, Addison-Wesley, pp. 1-307.\*

(Continued)

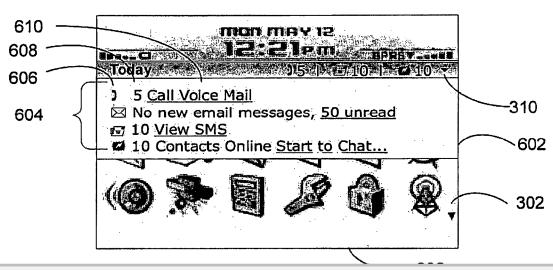
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### (57) ABSTRACT

Method and user interface for controlling an apparatus are provided. At least one dynamic bar is provided for displaying on a main screen of a graphical user interface for controlling the apparatus. Each dynamic bar is associated with respective one or more interfaces for applications and/or functions provided by the apparatus and each dynamic bar has a pop-up interface for providing at least one of preview information determined from information managed by the applications and/or functions and links to invoke said respective interfaces.

### 13 Claims, 11 Drawing Sheets





### U.S. PATENT DOCUMENTS

2005/0188320 A1*	8/2005	Bocking 715/752
2005/0213717 A1*	9/2005	O'Neil et al 379/88.11
2006/0020904 A1*	1/2006	Aaltonen et al 715/850
2006/0156256 A1*	7/2006	Lee 715/857
2010/0042951 A1*	2/2010	Ogren 715/841

### FOREIGN PATENT DOCUMENTS

EP	1 434 411 A	1 *	* 6/2004
EP	1434411 A	.1	6/2004
WO	WO 03/100591 A		12/2003
WO	WO 03/100591 A	2 *	* 12/2003

#### OTHER PUBLICATIONS

European Search and Examination Report for European Patent Application No. 06125884.4, mailed Jun. 26, 2007.

Ipulse, Response to Search and Examination Report, filed in respect of European Patent Application No. 06125884.4, dated Sep. 5, 2007. European Patent Office, Examination Report, issued in respect of European Patent Application No. 06125884.4, dated Jun. 19, 2008.

Ipulse, Response to Examination Report, filed in respect of European Patent Application No. 06125884.4, dated Dec. 19, 2008.

European Patent Office, Examination Report, issued in respect of European Patent Application No. 06125884.4, dated Jan. 16, 2009. Ipulse, Response to Examination Report, filed in respect of European Patent Application No. 06125884.4, dated Jun. 1, 2009.

European Patent Office, Summons to Attend Oral Proceedings, issued in respect of European Patent Application No. 06125884.4, dated Sep. 29, 2010.

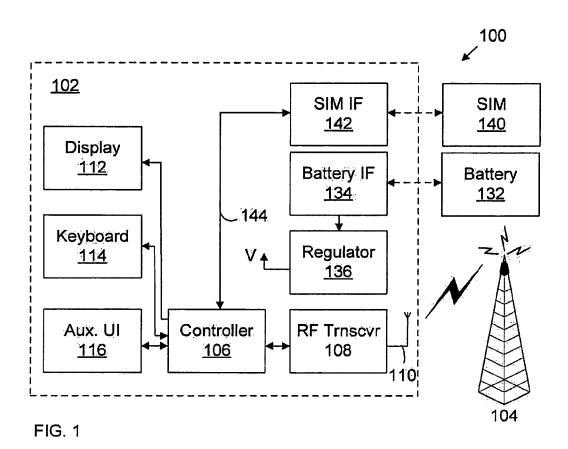
Barker Brettell, Response to Summons to Attend Oral Proceedings, filed in respect of European Patent Application No. 06125884.4, dated Dec. 22, 2010.

European Patent Office, Decision to Refuse a Patent Application, issued in respect of European Patent Application No. 06125884.4, dated Apr. 13, 2011.

Barker Brettell, Response to Notice of Appeal, filed in respect of European Patent Application No. 06125884.4, dated Aug. 23, 2011.

\* cited by examiner







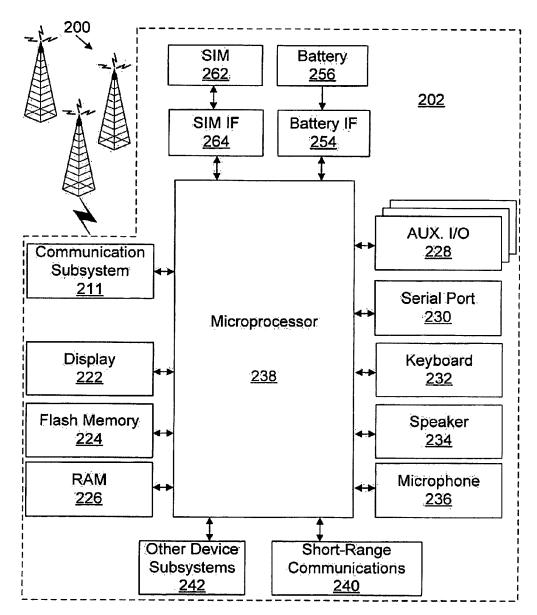
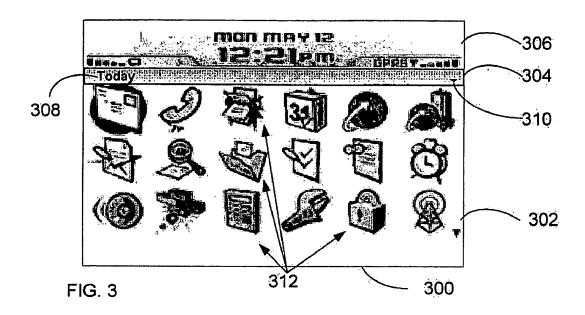
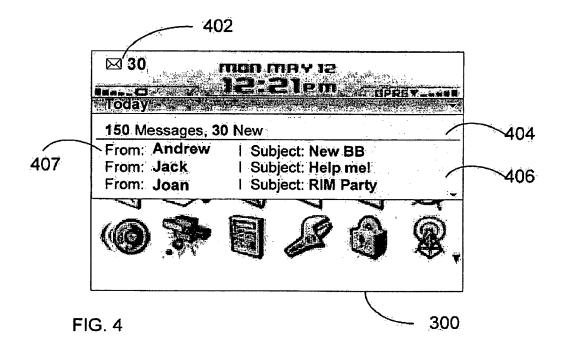


FIG. 2







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