

# EXHIBIT 6



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**Duarte et al.**

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(54) **NAVIGATING AMONG ACTIVITIES IN A COMPUTING DEVICE**

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6,613,100 B2 9/2003 Miller  
6,765,559 B2 7/2004 Hayakawa  
7,051,291 B2 5/2006 Sciammarella et al.  
7,159,176 B2\* 1/2007 Billmaier et al. .... 715/720  
7,170,500 B2 1/2007 Canova, Jr.  
7,394,452 B2 7/2008 Wong et al.  
7,479,949 B2 1/2009 Jobs et al.  
7,650,569 B1 1/2010 Allen et al.  
D615,989 S 5/2010 Chaudhri  
8,001,479 B2\* 8/2011 Katsuranis et al. .... 715/763

(Continued)

(73) Assignee: **Hewlett-Packard Development Company, L.P.**, Houston, TX (US)

**FOREIGN PATENT DOCUMENTS**

(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 1120 days.

AU 2008100003 A4 2/2008  
(Continued)

**OTHER PUBLICATIONS**

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Non-Final Office Action issued on Oct. 3, 2011, in related U.S. Appl. No. 12/416,279, filed Apr. 1, 2009.

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(Continued)

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*Primary Examiner* — Steven Sax

(51) **Int. Cl.**  
**G06F 3/048** (2006.01)

(57) **ABSTRACT**

(52) **U.S. Cl.** ..... **715/863**; 715/864  
(58) **Field of Classification Search** ..... 715/767, 715/792, 802, 803, 804–805, 797–798, 702, 715/863, 853–855, 864, 817, 821, 818–820, 715/822–823, 712, 749, 781–784  
See application file for complete search history.

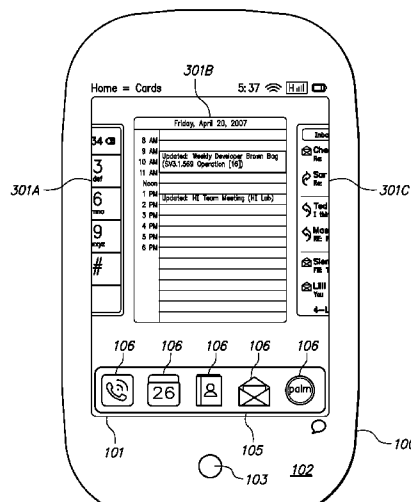
A computing device runs multiple activities concurrently and provides at least two modes for interacting with the activities. The user may toggle between the modes as desired. In a full-screen mode, one activity occupies substantially an entire display screen. In a windowed mode, the activity is visible within a window, and a portion of at least one other window is also visible. In the windowed mode, the user can cause windows to move, thereby changing focus from one activity to another. For example, the window having focus can be moved off the screen, to be replaced by a new window that is then given focus. The windows are ordered in a sequence and move in concert with one another; pushing one window off one edge of the screen causes a new window to appear at the opposite edge. A persistent positional relationship can be established among windows.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

5,574,846 A 11/1996 Yoshimura et al.  
5,677,708 A 10/1997 Matthews, III et al.  
6,011,537 A\* 1/2000 Slotznick ..... 715/733  
6,061,050 A 5/2000 Allport et al.  
6,407,757 B1 6/2002 Ho  
6,441,811 B1 8/2002 Sawada et al.

**20 Claims, 14 Drawing Sheets**



U.S. PATENT DOCUMENTS

2002/0089536	A1*	7/2002	Dang .....	345/749
2002/0109735	A1*	8/2002	Chang et al. ....	345/853
2002/0191013	A1*	12/2002	Abrams .....	345/730
2005/0021336	A1*	1/2005	Katsuranis .....	704/246
2005/0149879	A1	7/2005	Jobs et al.	
2005/0190280	A1	9/2005	Haas et al.	
2006/0010395	A1	1/2006	Aaltonen	
2006/0015878	A1*	1/2006	Ritter .....	719/310
2006/0075348	A1*	4/2006	Xu et al. ....	715/730
2006/0125962	A1*	6/2006	Shelton et al. ....	348/588
2006/0181548	A1*	8/2006	Hafey et al. ....	345/619
2006/0218504	A1*	9/2006	Hiroi et al. ....	715/781
2006/0224989	A1*	10/2006	Pettiross et al. ....	715/779
2007/0220440	A1	9/2007	Song et al.	
2007/0226647	A1*	9/2007	Louch .....	715/788
2007/0245263	A1	10/2007	Hale et al.	
2008/0034317	A1*	2/2008	Fard et al. ....	715/781
2008/0100593	A1	5/2008	Skillman et al.	
2008/0148149	A1*	6/2008	Singh et al. ....	715/700
2008/0168401	A1	7/2008	Boule et al.	
2008/0281689	A1*	11/2008	Blinnikka et al. ....	705/14
2009/0019031	A1*	1/2009	Krovitz et al. ....	707/5
2009/0070691	A1*	3/2009	Jain .....	715/760
2009/0183120	A1*	7/2009	Ording et al. ....	715/823
2009/0193364	A1	7/2009	Jarrett et al.	
2009/0199241	A1*	8/2009	Unger et al. ....	725/41
2010/0081475	A1*	4/2010	Chiang et al. ....	455/564
2010/0211872	A1	8/2010	Rolston et al.	
2010/0214278	A1*	8/2010	Miura .....	345/212

FOREIGN PATENT DOCUMENTS

EP	0 548 646	A1	6/1993
WO	WO-2008/030976	A2	3/2008

OTHER PUBLICATIONS

- iPhone User's Guide, Chapter 5, pp. 58-59, Apple Safari Browser, "Opening Multiple Webpages at Once," (2007).
- Extended European Search Report, European Application No. 09751303.0, Date: Apr. 2, 2012, pp. 1-6.
- Extended European Search Report, European Application No. 09751304.8, Date: Apr. 3, 2012, pp. 1-6.
- GB Examination Report, Application No. GB1021636.4, Date: Mar. 20, 2012, pp. 1-3.
- International Search Report mailed Oct. 30, 2009, issued in international application No. PCT/US2009/044389.
- International Preliminary Report on Patentability issued on Nov. 30, 2010, in international application No. PCT/US2009/044389.
- International Search Report mailed Oct. 30, 2009, issued in international application No. PCT/US2009/044390.
- International Preliminary Report on Patentability issued on Nov. 23, 2010, in international application No. PCT/US2009/044390.
- United Kingdom Examination Report dated Jan. 24, 2012, in United Kingdom application No. GB1021630.7.

\* cited by examiner

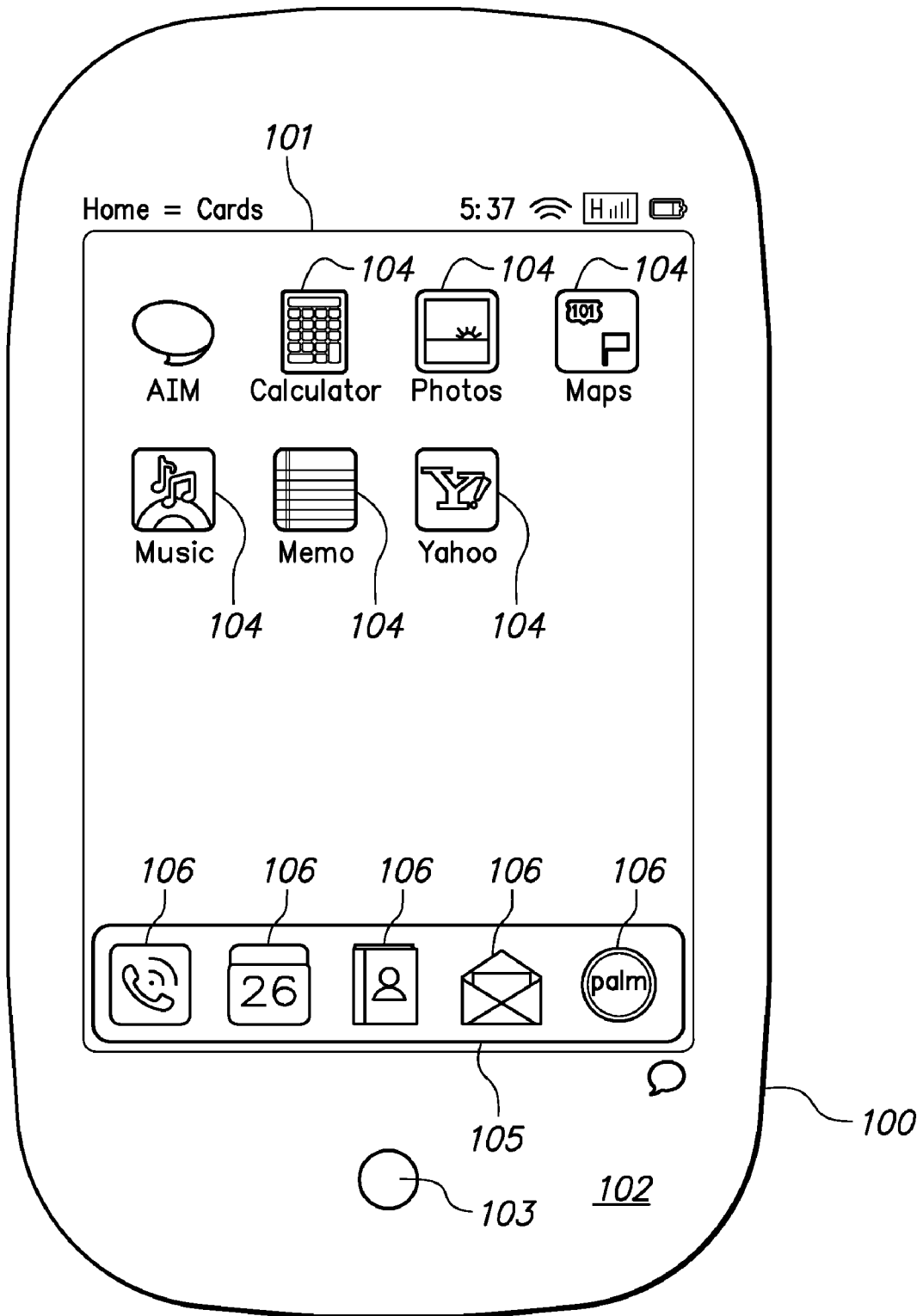


FIG. 1

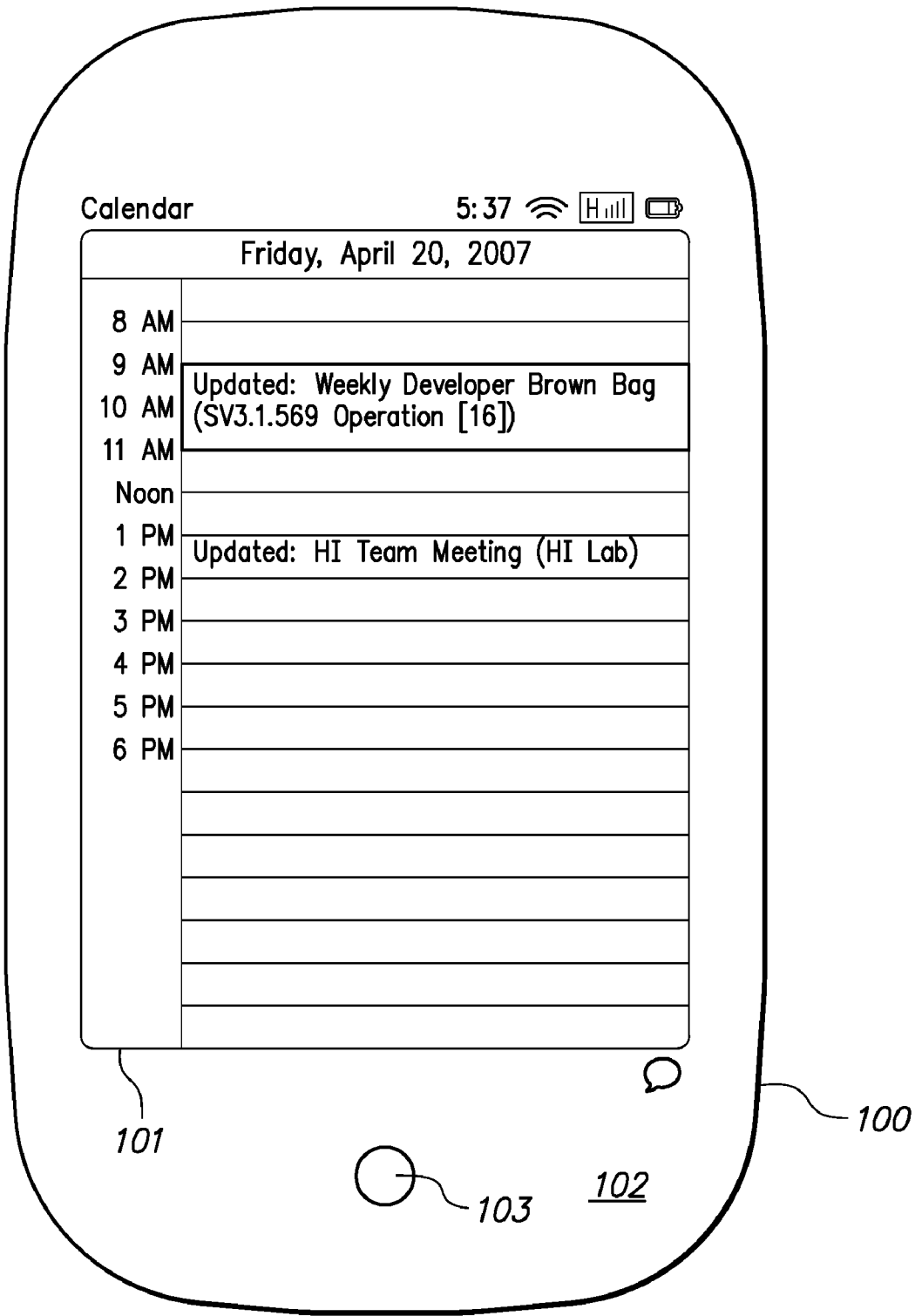


FIG. 2

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