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Brown et al.

(10) **Patent No.:** **US 8,279,173 B2**
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- (54) **USER INTERFACE FOR SELECTING A PHOTO TAG**
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- (*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.
This patent is subject to a terminal disclaimer.

6,650,889	B1 *	11/2003	Evans et al.	455/412.1
7,636,450	B1	12/2009	Bourdev	
7,693,906	B1	4/2010	Amidon et al.	
7,735,018	B2	6/2010	Bakhash	
7,840,907	B2	11/2010	Kikuchi et al.	
8,031,170	B2 *	10/2011	Brown et al.	345/156
2003/0088582	A1	5/2003	Pflug	
2004/0039988	A1	2/2004	Lee et al.	
2004/0252119	A1	12/2004	Hunleth et al.	
2005/0030588	A1	2/2005	Reese et al.	
2005/0039108	A1	2/2005	Hudson	
2005/0057576	A1	3/2005	Shen et al.	

(Continued)

FOREIGN PATENT DOCUMENTS

CN 1193632 A 1/2002

(Continued)

OTHER PUBLICATIONS

Second Office Action mailed Jun. 22, 2011. In Chinese patent application No. 200810144678.1.

(Continued)

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(57) **ABSTRACT**

There is disclosed a user interface for selecting a photo tag. In an embodiment, the user interface embodies a method of selecting a photo tag for a tagged photo, comprising: providing a tag entry field for entering a photo tag; in dependence upon a string entered by a user, displaying in a matching tag list any tags from one or more selected tag sources matching the entered string. The method may further comprise displaying a tag type for each tag appearing in the matching tag list. The method may further comprise allowing user selection of a tag in the matching tag list to complete the tag entry field.

20 Claims, 10 Drawing Sheets

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(65) **Prior Publication Data**

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Related U.S. Application Data

(63) Continuation of application No. 11/746,285, filed on May 9, 2007, now Pat. No. 8,031,170.

(51) **Int. Cl.**
G09G 5/00 (2006.01)

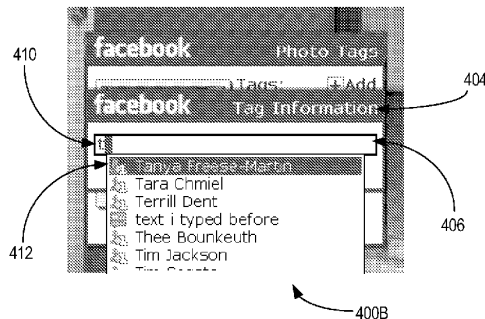
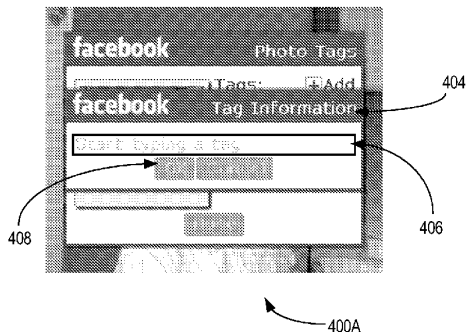
(52) **U.S. Cl.** **345/156; 345/594; 715/763**

(58) **Field of Classification Search** **345/473; 715/838, 839; 455/412.1**
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,479,602	A	12/1995	Baecker et al.
6,002,401	A	12/1999	Baker
6,317,142	B1	11/2001	Decoste et al.



U.S. PATENT DOCUMENTS

2005/0193010	A1	9/2005	DeShan et al.	
2006/0173918	A1	8/2006	Nakase et al.	
2006/0262116	A1	11/2006	Moshiri et al.	
2008/0021876	A1*	1/2008	Ahern et al.	707/3
2008/0106594	A1	5/2008	Thrun	
2008/0215583	A1	9/2008	Gunawardena et al.	
2008/0282177	A1	11/2008	Brown et al.	
2008/0306921	A1	12/2008	Rothmuller et al.	
2008/0309617	A1	12/2008	Kong et al.	
2009/0225178	A1	9/2009	Nakase et al.	

FOREIGN PATENT DOCUMENTS

CN	1933643	A	3/2007
WO	2006102656	A	9/2006

OTHER PUBLICATIONS

English translation on Second Office Action mailed Jun. 11, 2011. In Chinese patent application No. 200810144678.1.
 Third Office Action mailed Feb. 29, 2012. In Chinese patent application No. 200810144678.1.
 English translation on Third Office Action mailed Feb. 29, 2012. In Chinese patent application No. 200810144678.1.
 Office Action mailed Jan. 10, 2012. In Canadian patent application No. 2,630,947.
 Office Action mailed Nov. 18, 2010. In Canadian patent application No. 2,630,947.
 First Office Action mailed May 5, 2010. In corresponding Chinese patent application No. 200810144678.1.
 English translation on First Office Action mailed May 5, 2010. In corresponding Chinese patent application No. 200810144678.1.
 Ballagas, R. et al.; The smart phone: A ubiquitous input device, pervasive computing, IEEE (online) vol. 5, No. 1, Jan. 2006, pp. 70-77, XP002447195, ISSN: 1536-1268; Retrieved (by EPO) from

the internet (on Aug. 17, 2007): URL:<http://ieeexplore.ieee.org/ie15/7756/33539/01593574.pdf?tp=&isnumber=arnumber=1593574>.
 Ahern et al.; Zone tag: Designing context-aware mobile media capture to increase participation, yahoo! Research Berkeley, Sep. 6, 2006, http://groups.ischool.berkeley.edu/pics/papers/Ahern_et_al_zonetag_pics06.pdf.
 Communication Pursuant to Article 94(3) EPC mailed Jan. 30, 2008. In European patent application No. 07107866.1.
 Summons to Attend Oral Proceedings Pursuant to Rule 115(1) EPC mailed Aug. 27, 2008. In European patent application No. 07107866.1.
 Decision of the Examining Division mailed Dec. 12, 2008. In European patent application No. 07107866.1.
 Extended European Search Report mailed February 23, 2009. In European patent application No. 08170532.9.
 Communication Pursuant to Article 94(3) EPC mailed Jan. 11, 2010. In European patent application No. 08170532.9.
 Wiseman, Josh; "iPhoto, meet Facebook"; Mar. 15, 2007; <http://blog.facebook.com/blog.php?post=22536571>.
 Extended European Search Report mailed Aug. 28, 2007. In European patent application No. 07107866.1.
 First Office Action mailed May 2010. In corresponding Chinese patent application No. 200810144678.1.
 Ballagas R et al. The smart phone: A ubiquitous input device, pervasive computing, IEEE (online) vol. 5, No. 1, Jan. 2006, pp. 70-77, XP002447195, ISSN: 1536-1268; Retrieved (by EPO) from the internet (on Aug. 17, 2007): URL:<http://ieeexplore.ieee.org/ie15/7756/33539/01593574.pdf?tp=&isnumber=arnumber=1593574>.
 Ahern et al. Zone tag: Designing context-aware mobile media capture to increase participation, yahoo! Research Berkeley, Sep. 6, 2006, http://groups.ischool.berkeley.edu/pics/papers/Ahern_et_al_zonetag_pics06.pdf.

* cited by examiner

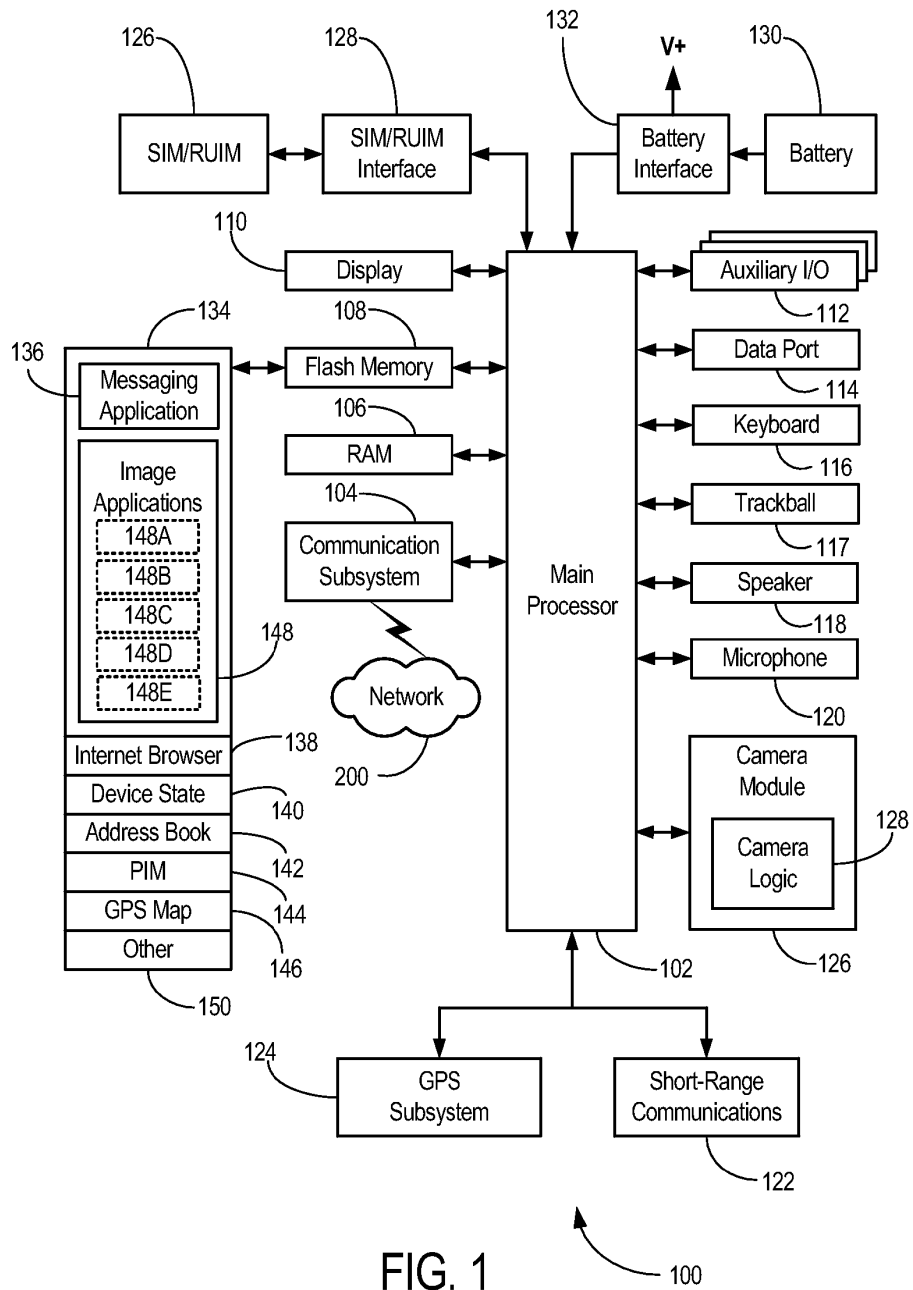


FIG. 1

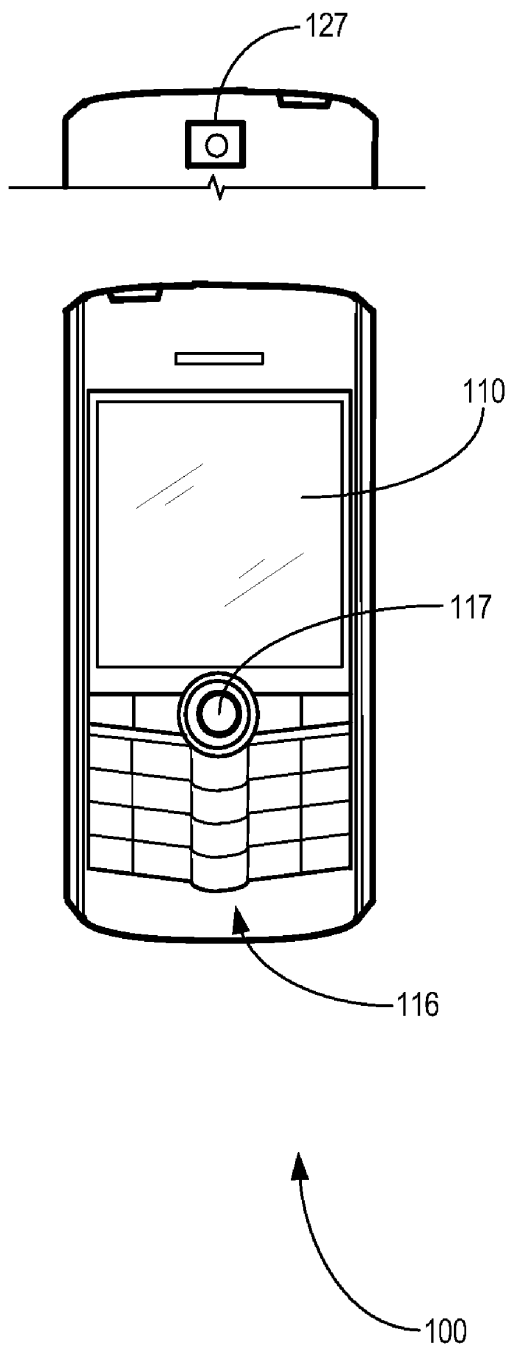


FIG. 2

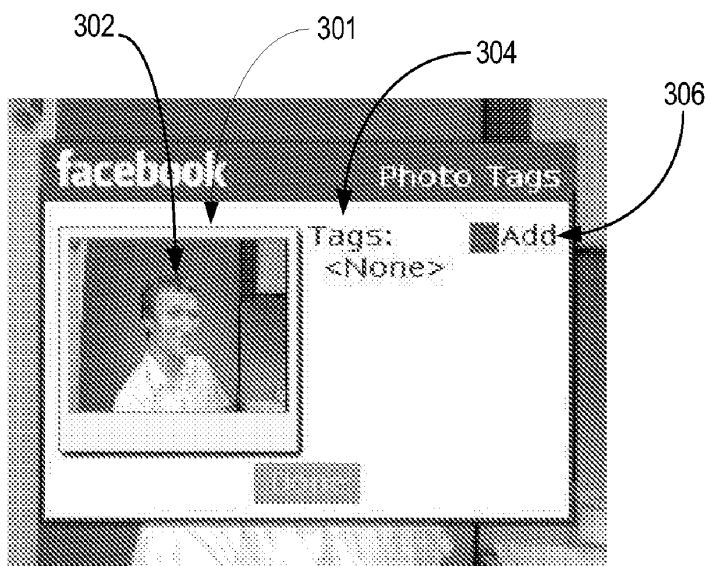


FIG. 3A

300A

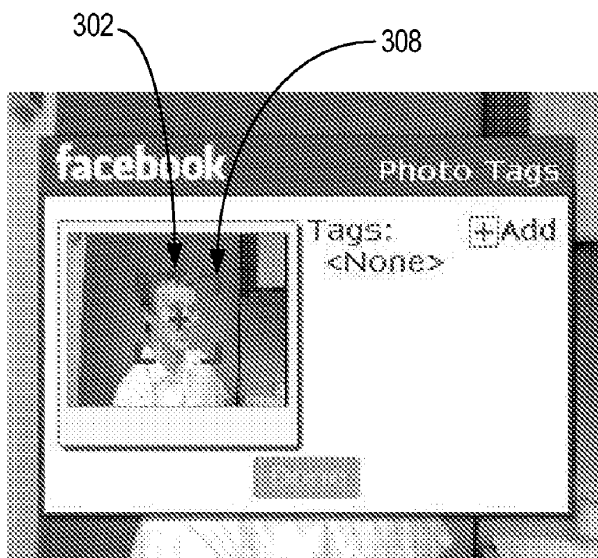


FIG. 3B

300B

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