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Graham et al.

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(54) WIRELESS MOBILE IMAGE MESSAGING

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- (52) U.S. Cl. 455/415; 455/466; 455/566; 349/93.23; 349/142.17; 349/142.06
- (58) Field of Classification Search 455/566, 455/403, 404.2, 412.1, 412.2, 414.1, 414.2, 455/414.4, 456.1, 456.3, 458, 463 See application file for complete search history.

References Cited (56)

U.S. PATENT DOCUMENTS

5,319,363 A * 6/1994 Welch et al. 340/825.36

5,510,907	Α	4/1996	Koichi
5,848,373	A *	12/1998	DeLorme et al 701/200
6,249,689	В1	6/2001	Aizawa
6,430,409	B1	8/2002	Rossmann
6,512,448	B1	1/2003	Rincon et al.
6,757,521	B1 *	6/2004	Ying 455/67.11
6,801,793	B1 *	10/2004	Aarnio et al 455/566
6,865,386	B1 *	3/2005	Aoyama et al 455/415
6,888,927	B1*	5/2005	Cruickshank et al 379/88.11
6,920,637	B1 *	7/2005	Mason et al 719/318
2003/0013483	A1*	1/2003	Ausems et al 455/556

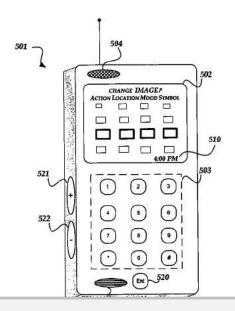
* cited by examiner

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ABSTRACT (57)

Non-verbal communications between users of wireless mobile devices are facilitated using image messages. An image message may e.g. convey information about the sender user, in particular, current information about the sender user. In one aspect, a user may select an image message category, and select an image message among the image messages of the selected image message category for transmission, to quickly, efficiently and graphically convey (current) information about the user. The process may be performed to form a mixed media message. Received image message to convey current information may be aged via time and/or color displays.

38 Claims, 15 Drawing Sheets





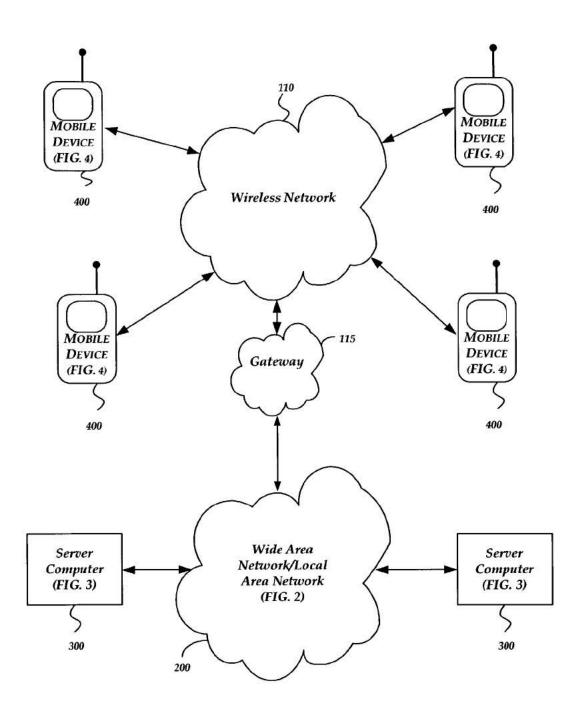
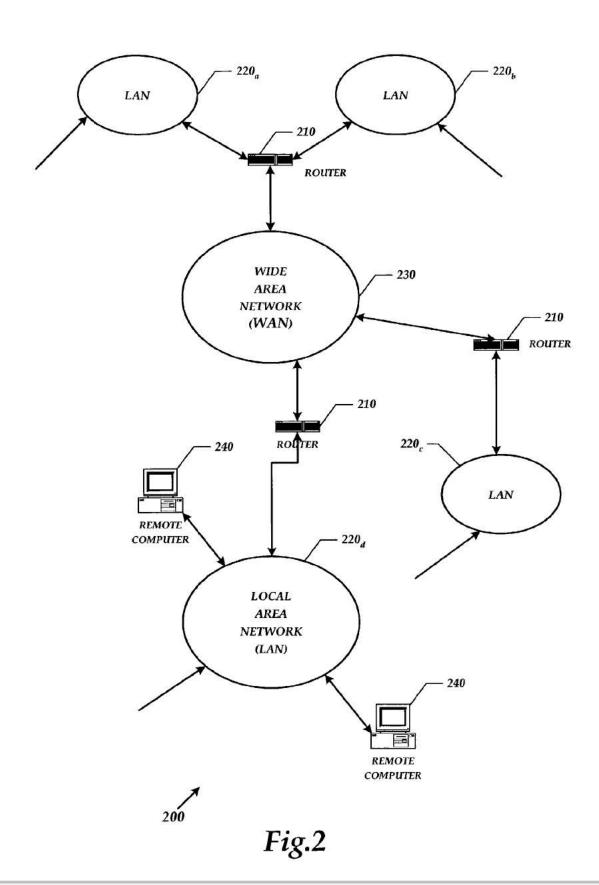


Fig.1





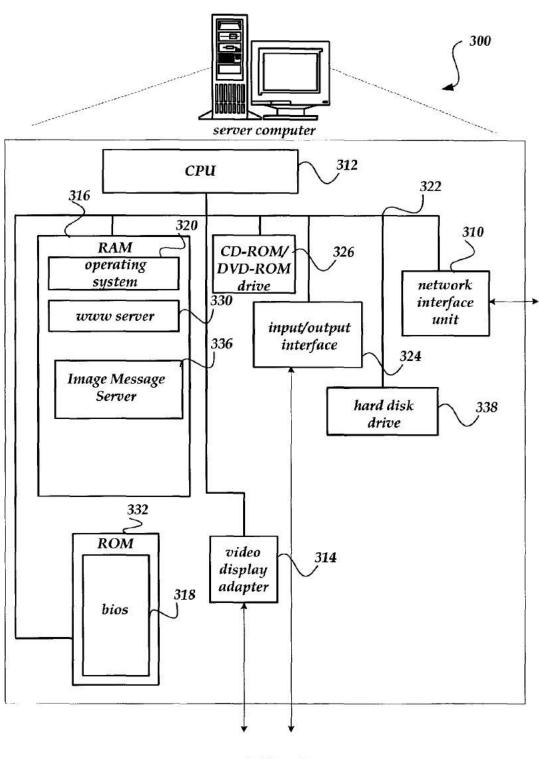
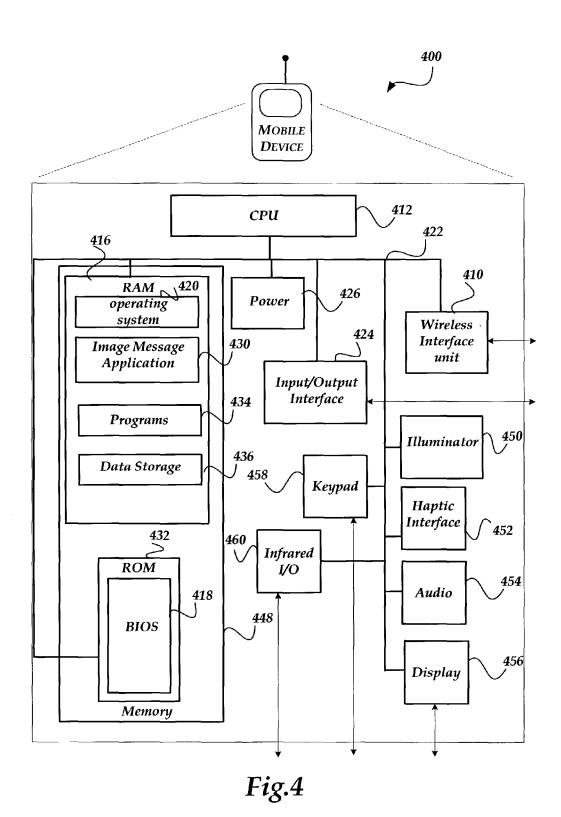


Fig.3







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