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(12) United States Patent

Beyer, Jr. et al.

(54) METHOD OF PROVIDING A CELLULAR PHONE/PDA COMMUNICATION SYSTEM

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Related U.S. Application Data

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- (51) **Int. Cl. H04W 24/00** (2009.01)
- (52) **U.S. Cl.** **455/457**; 455/416; 455/417

(56) References Cited

U.S. PATENT DOCUMENTS

6,204,844 B	31*	3/2001	Fumarolo et al.	 715/736
6,662,016 B	31*	12/2003	Buckham et al.	 455/457

(10) Patent No.: US 7,630,724 B2

(45) **Date of Patent:**

Dec. 8, 2009

6,868,337	B2	3/2005	Muramatsu
2003/0139150	$\mathbf{A}1$	7/2003	Rodriguez et al.
2003/0200259	A1*	10/2003	Tsuge 709/203
2004/0192331	A1*	9/2004	Gorday et al 455/456.1
2004/0204070	A1*	10/2004	August et al 455/557
2004/0266456	A1	12/2004	Bostrom et al.
2006/0031927	A1*	2/2006	Mizuno et al 726/11

* cited by examiner

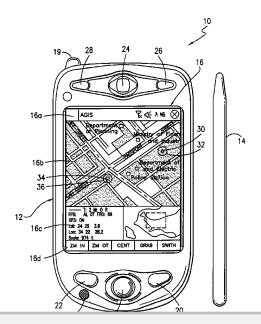
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(57) ABSTRACT

A cellular, PDA communication device and communication system for allowing a plurality of cellular phone users to monitor each others' locations and status, to initiate cellular phone calls by touching a symbol on the touch screen display with a stylus which can also include point to call conferencing calling. Each participant's cellular phone PDA device includes GPS navigation receiver with application software for point to call cellular phone initiation to participants and geographical entities including vehicles, persons or events, conference calls and video transfers. The method and system also includes automatic shifting from GPRS/EDGE/CDMA/ 1XEVDO to SMS when any of the cellular phones in the communication network is in the voice mode and in use and for automatic shifting back to GPRS/EDGE/CDMA/1XE-VDO upon completion of the voice phone call. In addition, using the system, a full transfer of photographs, video clips and high speed data can be used between any cellular phones regardless of who the cellular phone vendors or cellular phone companies are and in either CDMA, GSM, WiFi or a combination of the two.

16 Claims, 6 Drawing Sheets





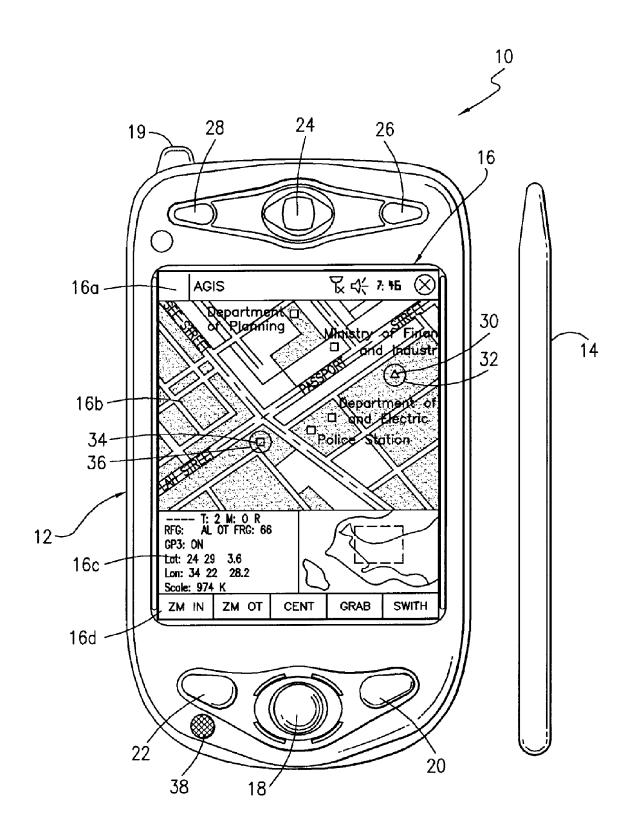


FIG. 1



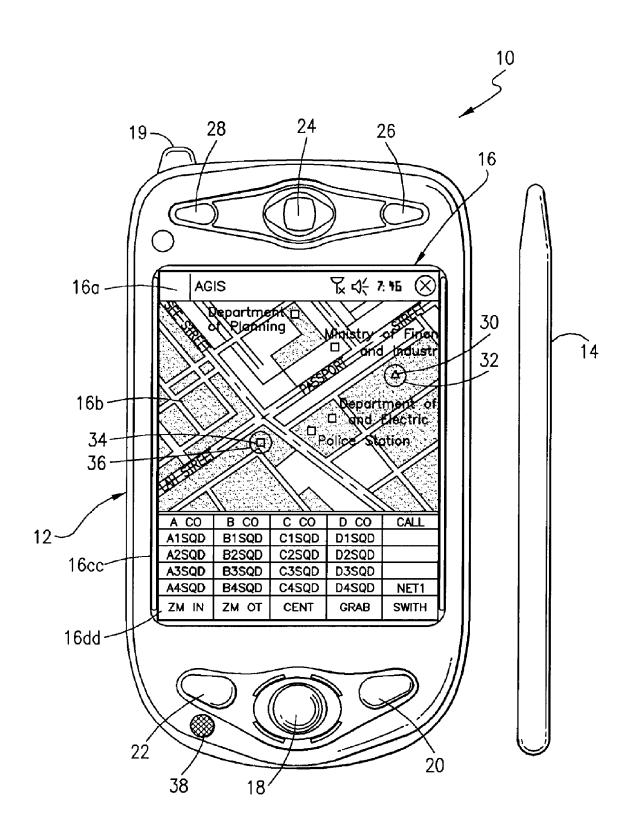


FIG. 2



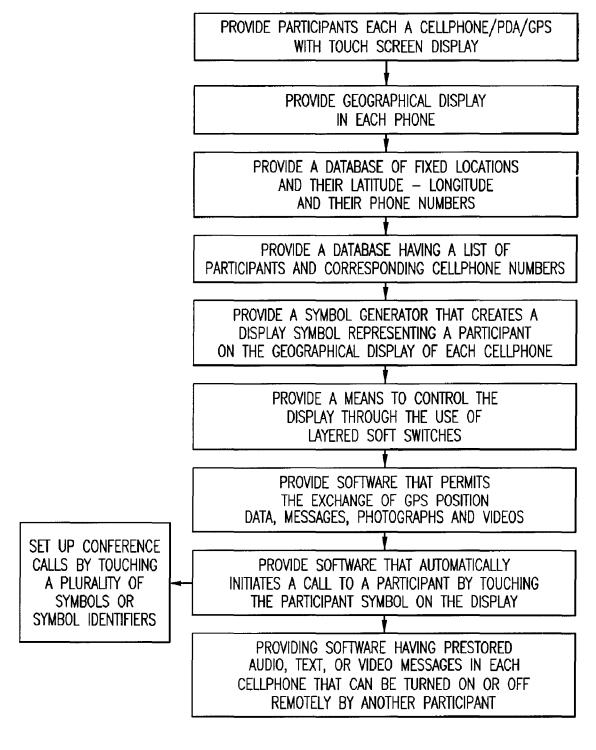
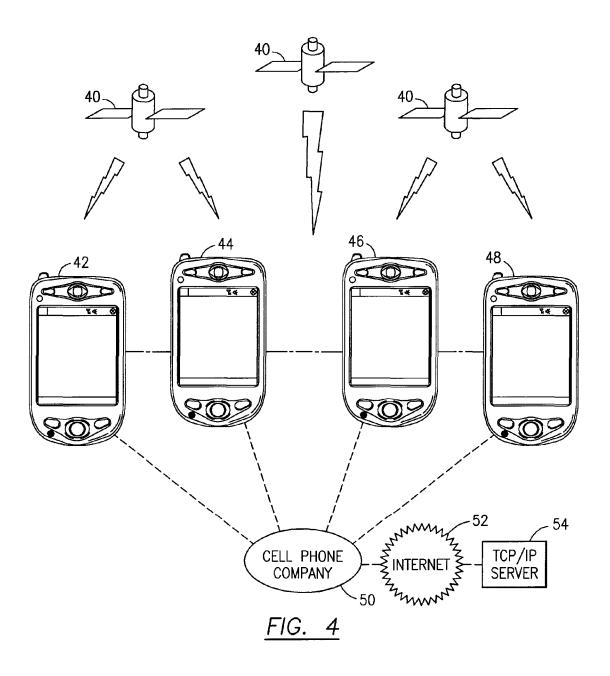


FIG. 3







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