

EXHIBIT 1



US008213970B2

(12) **United States Patent**
Beyer

(10) **Patent No.:** **US 8,213,970 B2**
(45) **Date of Patent:** **Jul. 3, 2012**

(54) **METHOD OF UTILIZING FORCED ALERTS
FOR INTERACTIVE REMOTE
COMMUNICATIONS**

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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 367 days.

(21) **Appl. No.:** **12/324,122**

(22) **Filed:** **Nov. 26, 2008**

(65) **Prior Publication Data**

US 2009/0075685 A1 Mar. 19, 2009

Related U.S. Application Data

(63) Continuation-in-part of application No. 11/612,830,
filed on Dec. 19, 2006, which is a continuation-in-part
of application No. 11/308,648, filed on Apr. 17, 2006,
now Pat. No. 7,630,724, which is a
continuation-in-part of application No. 10/711,490,
filed on Sep. 21, 2004, now Pat. No. 7,031,728.

(51) **Int. Cl.**
H04W 4/00 (2009.01)

(52) **U.S. Cl.** **455/466; 455/88; 455/404.2; 455/412.1;**
455/412.2; 455/414.4; 455/415; 455/416;
455/418; 455/419; 455/420; 455/456.1; 455/456.3;
455/457; 455/458; 455/463; 455/500; 455/517;
455/518; 455/519; 455/556.2; 701/213; 701/482

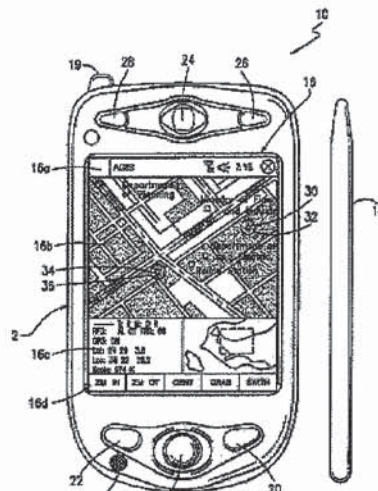
(58) **Field of Classification Search** **455/41.1,**
455/416, 518, 519, 41.3, 88, 404.2, 412.1,
455/414.4, 415, 418, 419, 420, 456.1, 456.3,
455/457, 458, 463; 701/213, 482

See application file for complete search history.

(57) **ABSTRACT**

The system and method having a specialized software appli-
cation on a personal computer or a PDA/cell phone that that
enables a participant to force an automatic acknowledgement
and a manual response to a text or voice message from other
participants within the same network. Each participant's
PDA/cell phone includes a force message alert software
application program for both creating and processing these
forced message alerts. The system and method enabled by the
force message alert software application program provides
the ability to (a) allow an operator to create and transmit a
forced message alert from a sender PDA/cell phone to one or
more recipient PCs and PDA/cell phones within the commu-
nication network; (b) automatically transmit an acknowl-
edgement of receipt to the sender PDA cell phone upon the
receipt of the forced message alert; (c) periodically resend the
message to the recipient PCs and PDA/cell phones that have
not sent an acknowledgement; (d) provide an indication of
which recipient PCs and PDA/cell phones have acknowl-
edged the forced message alert; (e) provide a manual response
list on the display of the recipient PC and PDA/cell phone's
display that can only be cleared by manually transmitting a
response; and (f) provide an indication on the sender PDA/
cell phone of the status and content the manual responses.

13 Claims, 6 Drawing Sheets

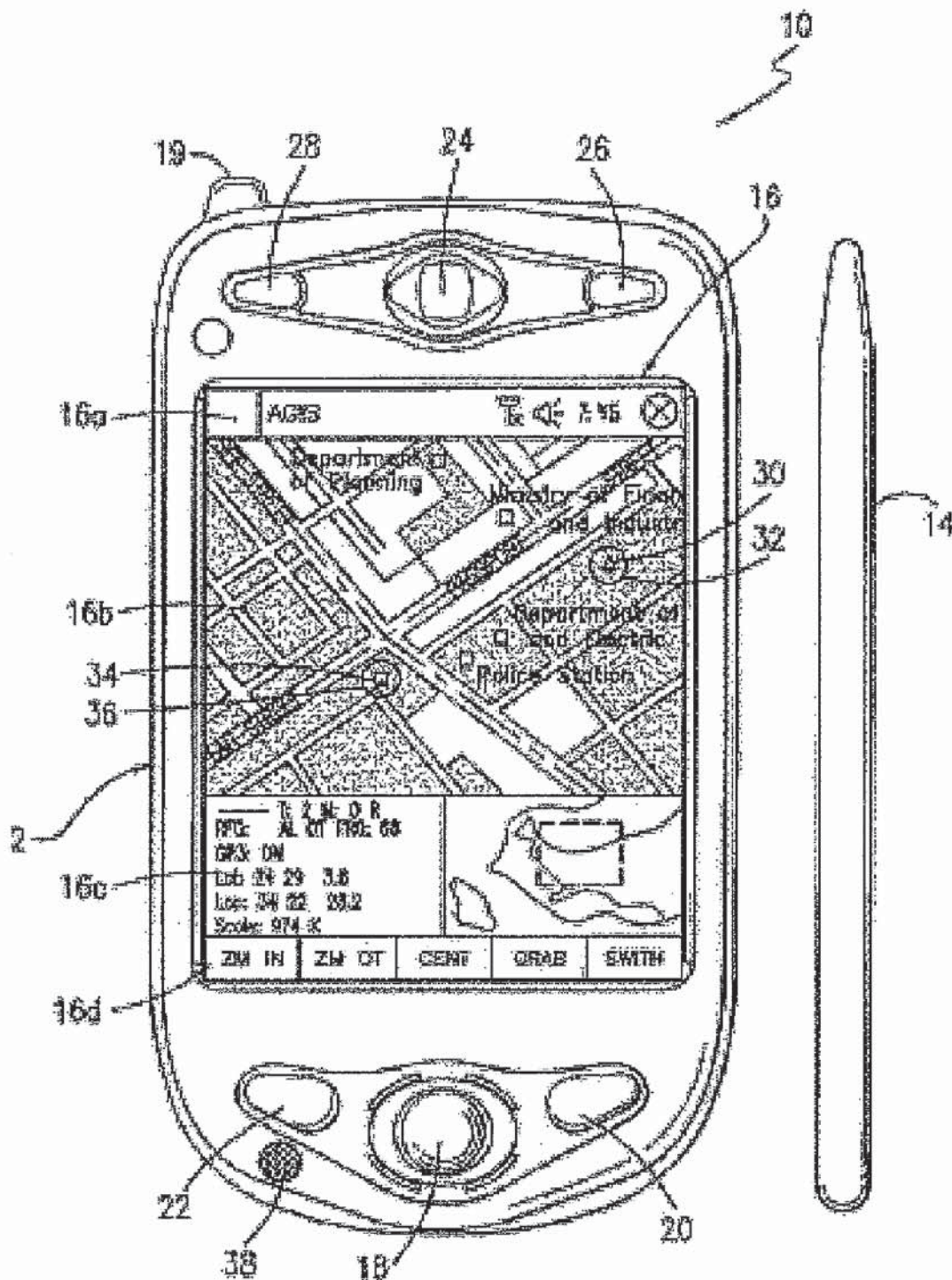


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**Fig 1a**

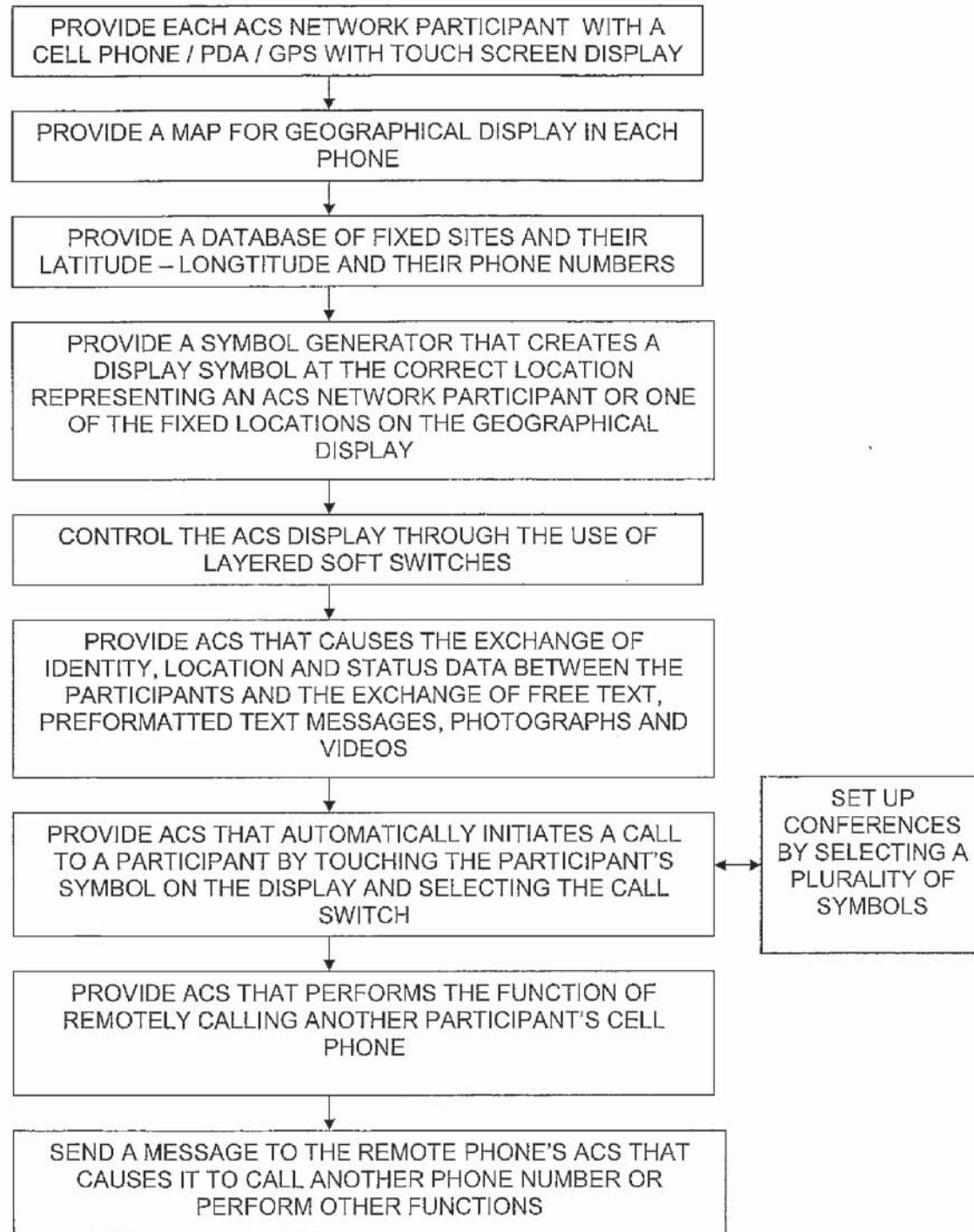
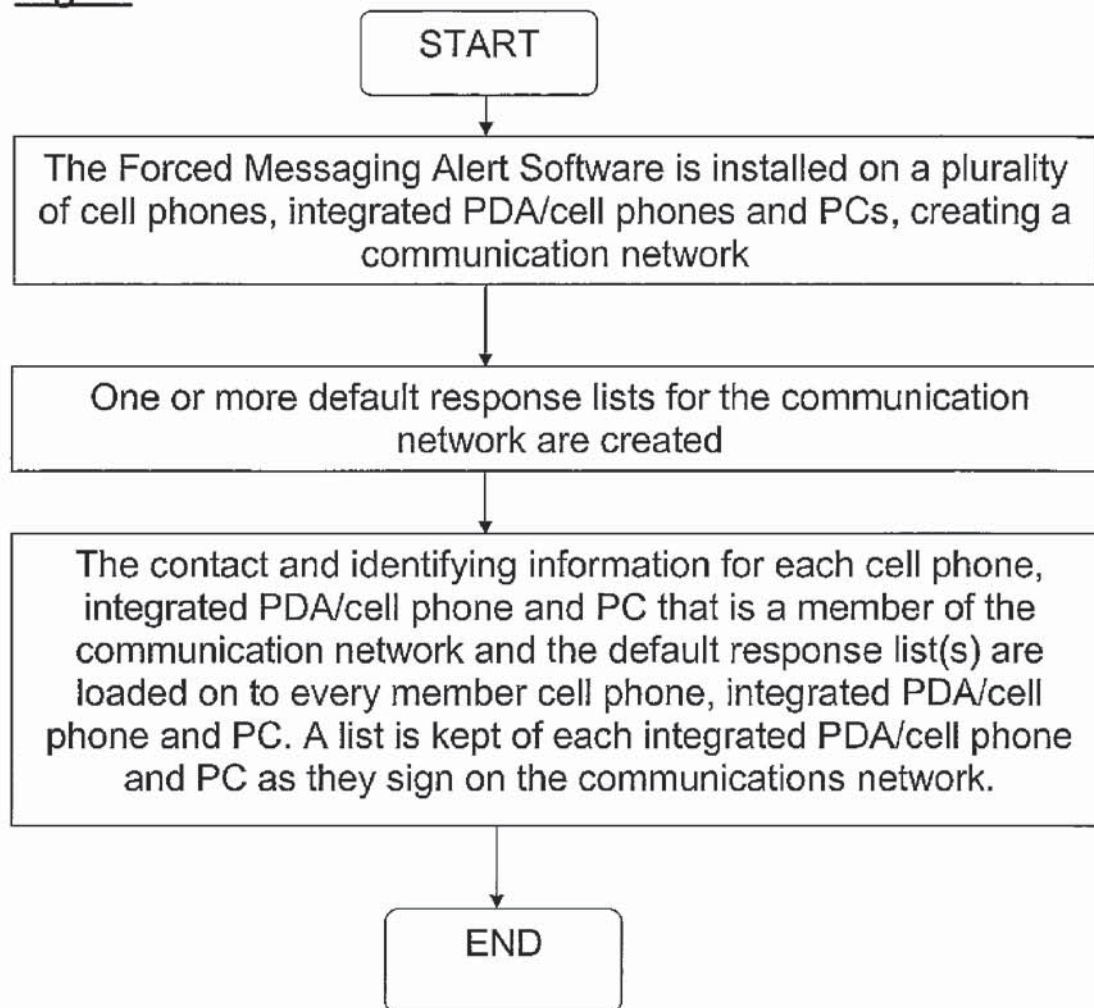
***Fig 1b***

Fig. 2

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