

# EXHIBIT A

(12) **United States Patent**  
**Beyer**

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

(75) Inventor: **Malcolm K. Beyer**, Jupiter Inlet Colony, FL (US)

(73) Assignee: **Advanced Ground Information Systems, Inc.**, Jupiter, FL (US)

(\* ) 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.

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*Primary Examiner* — Nick Corsaro

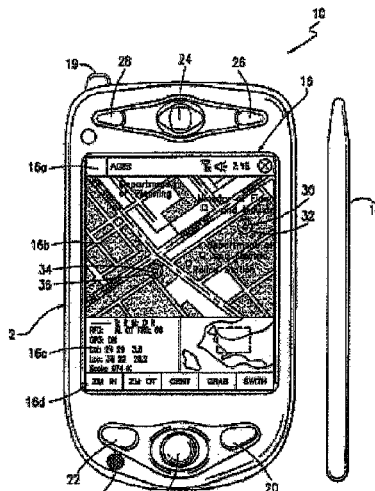
*Assistant Examiner* — Amanuel Lebassi

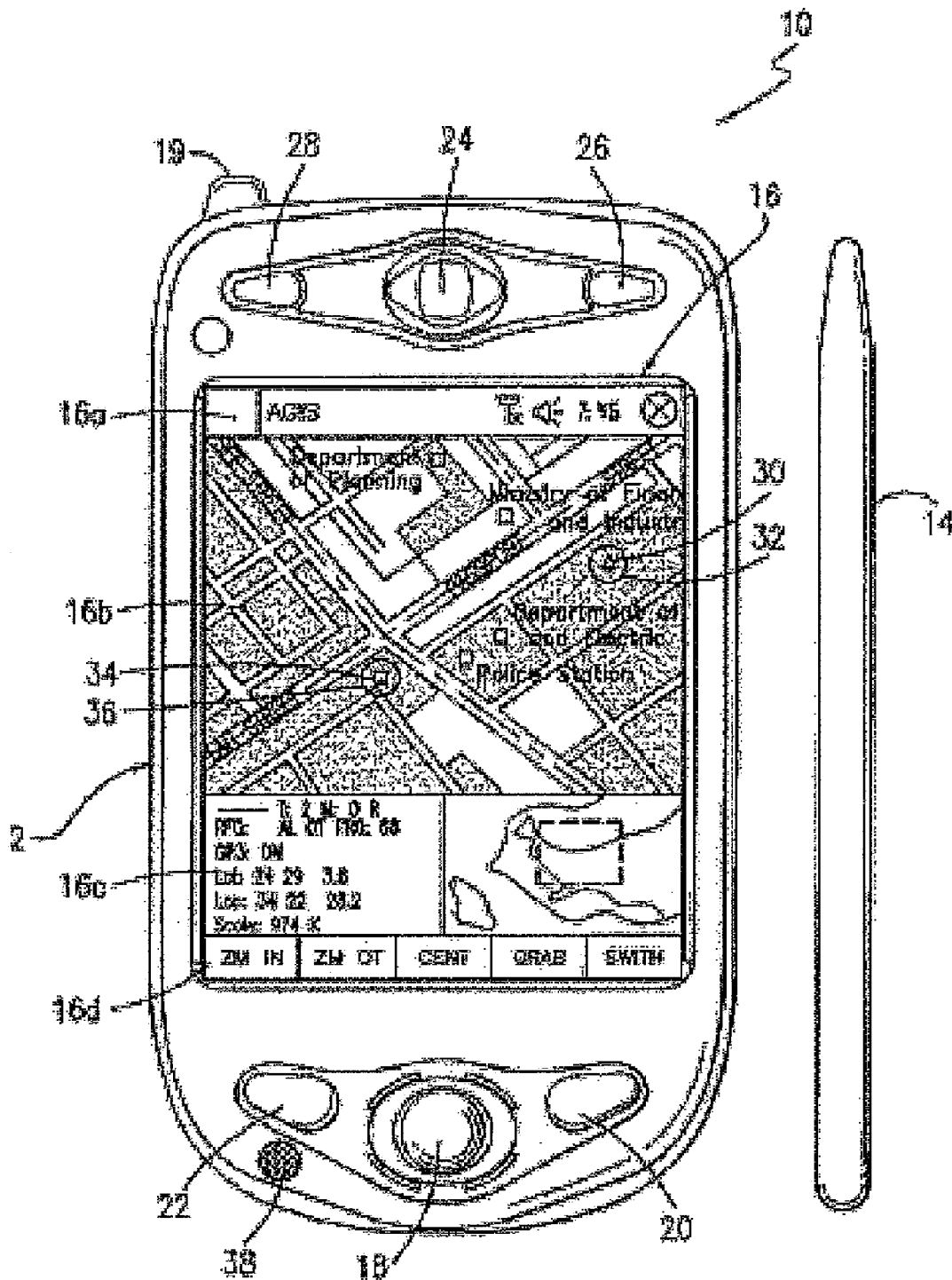
(74) *Attorney, Agent, or Firm* — Malin Haley Dimaggio Bowen & Lhota, P.A.

(57) **ABSTRACT**

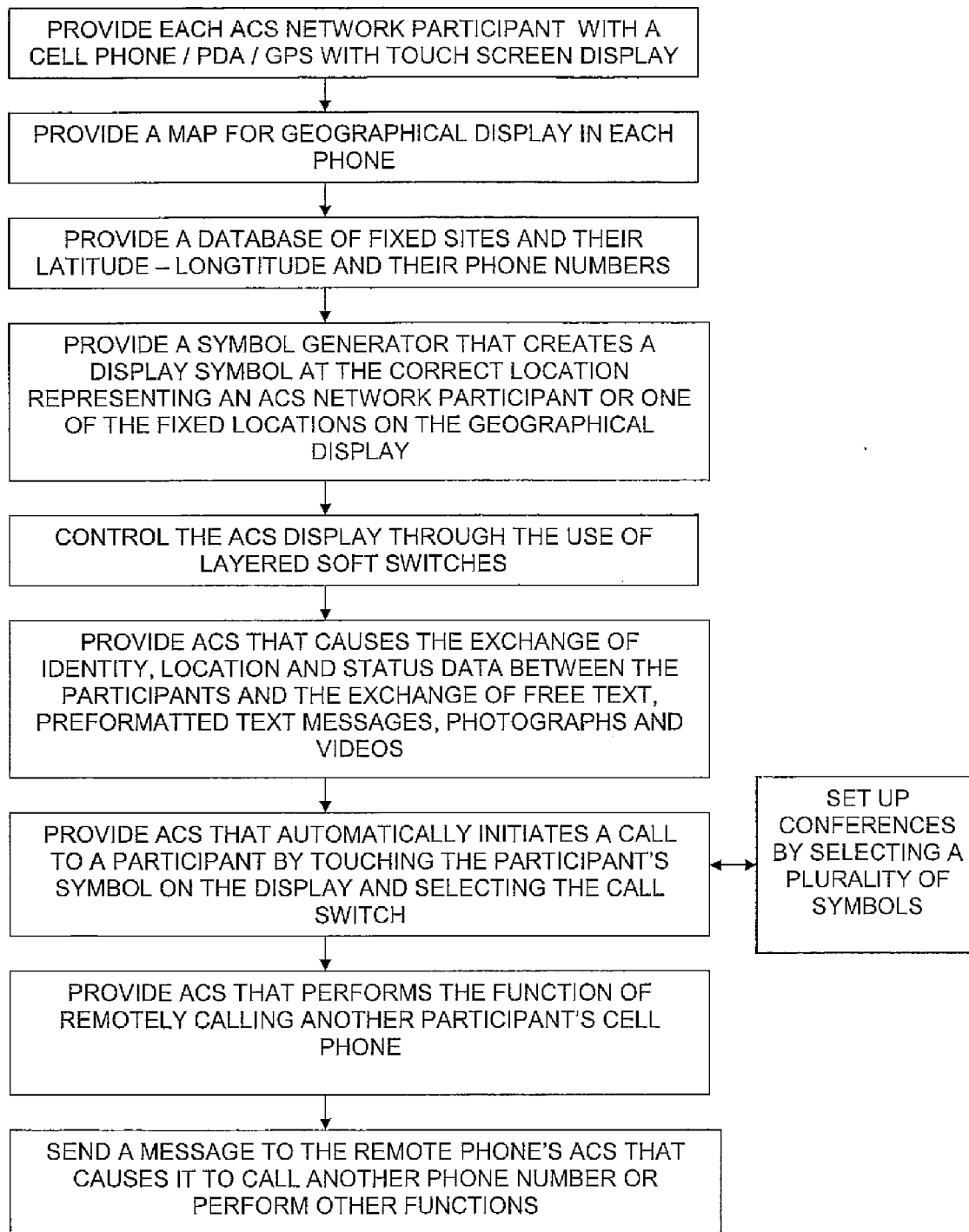
The system and method having a specialized software application on a personal computer or a PDA/cell phone that that enables a participant to force an automatic acknowledgement and a manual response to a text or voice message from other participants within the same network. Each participant's PDA/cell 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 communication network; (b) automatically transmit an acknowledgement 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 acknowledged 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**



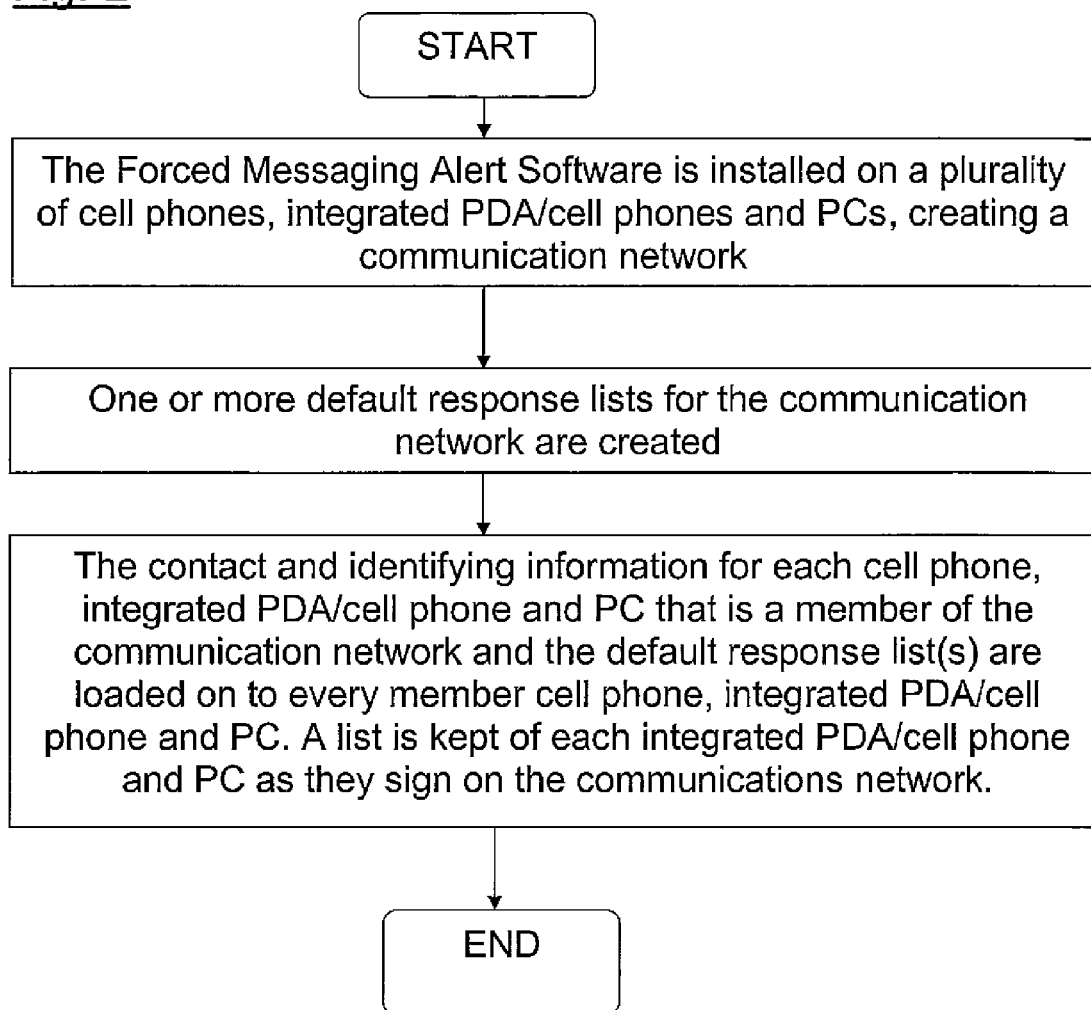


**Fig 1a**



***Fig 1b***

Fig. 2



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