

METHOD OF ~~CONTROLLING USER AND~~ UTILIZING FORCED ALERTS FOR INTERACTIVE REMOTE-CELL PHONE TRANSMISSIONS AND DISPLAYS COMMUNICATIONS

BACKGROUND OF THE INVENTION

5 This application is a continuation-in-part of U.S. Patent Application Serial No.

11/~~308,648~~612830

filed on December 19, 2006 which is a continuation-in-part of U.S. Patent Application

Serial No. 11/308,648 filed April 17, 2006 which is a continuation-in-part of U.S. Patent Application Serial No. 10/711,490 now U.S. Patent No. 7,031,728.

10 1. Field of the Invention

~~10~~ A communications system ~~using~~and method that uses a plurality of ~~cellular phones each having an~~PCs and PDA/cell

~~integrated PDA and GPS receiver~~phones for the coordination of two or more people through the use

of a communications

network. The ~~method and~~ system and method provide each user with ~~an integrated~~a PC or PDA/cell phone that has

~~handheld cellular/PDA/GPS/phone that has advanced communication software application~~

~~programs (hereinafter referred to as ACS) and databases used in conjunction with a remote~~

~~15 server that enable~~forced message alert software that enables a user to ~~control the user's cell phone and to remotely control other users'~~create and send a voice or text message

~~cellular/PDA phones to create a passive mode and partial shutdown.~~

15 alert that forces an automatic acknowledgement upon receipt and a manual response from the

recipient.

2. Description of Related Art

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The purpose of a communications system is to transmit information bearing digital messages from a source, located at one point, to a user destination, located at another point some distance away. A communications system is generally comprised of three basic elements: transmitter, information channel and receiver. One form of communication in recent years is cellular phone telephony. A network of cellular communication systems set up around an area such as the United States allows multiple users to talk to each other, either on individual calls or on group calls, with handheld devices. Some cellular phone services enable 25 a cellular phone to 25 engage in conference calls with a small number of users. ~~Furthermore, cellular conference~~ Furthermore,

cellular conference calls can be established through 800 number services. Cellular telephony also now includes ~~systems that include Global Positioning System (GPS) navigation that utilizes satellite navigation. These devices thus unite cellular phone technology with navigation information, computer information transmission and receipt of data.~~the ability to access local WiFi connections, allowing the devices to utilize cellular phone data transmission technology as well as the data transmission ability of the Internet.

5 The method and operation of the ~~communication devices~~integrated PDA/cell phones (cell phone/PDA/GPS ~~with~~ with touch screen) used herein ~~are~~is described in U.S. Patent 7,031,728, which is hereby incorporated by reference ~~and~~, pending U.S. Patent Application Serial No. 1¹/₃08,648, and pending U.S. Patent Application Serial No. 11/612,830, and are usually discussed herein as a cell phone.

10 In many situations it is desirable for a user to be able to simultaneously send a message to the cell phones or PCs of a large group of people. This can be typically accomplished using Digital SMS (Smart Message Service) and TCP/IP messages that are transmitted using cellular technology such as the various versions of GSM and CDMA or via a WiFi local area network. However, in some situations it is additionally desirable to know: (a) which people received the

~~It is desirable in certain specific communication networks such as military or police to:
10 (a) enable each network participant having a cell phone that provides other participants~~

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with ongoing information such as location ⁴ to stop reporting and transmitting to other participants messages and to go into a listen only passive mode for transmission silence and (b) provide each cell phone the ability to quickly destroy its message location processing and/or display software in case of capture. Furthermore, it is desirable for a commander's cell phone to be

15 able to remotely control one or more of the cell phones operating in the entire network to: (a) message on their cell phone or PC, (b) which people did not receive the message on their cell

~~cause another busy phone to interrupt and to accept a voice call, (b) force a phone to accept an incoming call, and (c) quickly disable or destroy a remote phone's message location processing and/or display software in case of capture.~~

phone or PC, and (c) the response of each person receiving the message. Digital SMS and TCP/IP messages do not provide each of those functions. As a result, what is needed is a method in which a sender of a text or voice message can force an automatic acknowledgement upon receipt from a recipient's cell phone or PC and a manual response from the recipient via

20 the recipient's cell phone or PC when sending the text or voice message.

SUMMARY OF THE INVENTION

Applicant's communication system and method described herein is embodied in the ~~advanced communication~~ forced alert software ~~(ACS) application programs~~ developed by applicant and installed in the PCs and PDA/cell phones

5 ~~installed in the integrated PDA/GPS cell phones~~ used herein.

A plurality of ~~cellular phone/~~ PCs and ~~PDA/GPS devices~~ cell phones each having ~~ACS application programs and databases provide~~ forced alert software installed providing a communication network ~~in conjunction with a remote server dedicated to the communication network of cell phone devices~~ of PCs and PDA/cell phones with the ability to: a) ~~selectively poll each of the other PDA/GPS cell phone devices requiring each participant~~ allow an operator to create and transmit (via TCP/IP or another digital transmission means) a forced voice alert, wherein said forced voice alert is comprised of a text or voice message file and a

10 forced alert software packet, from a sender PC or PDA/cell phone to one or more recipient PCs and PDA/cell phones within said communication network; (b) automatically transmit an acknowledgement of receipt from said recipient PCs and PDA/cell phones to the sender PCs or PDA/cell phones upon receipt of the forced message alert by the recipient PCs and PDA/cell phones; (c) periodically reseed the message to the recipient PCs and PDA/cell

15 phones that have not sent an acknowledgement until an acknowledgement is received from every recipient PC and PDA/cell phone; (d) provide an indication on the display of the

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