SAMSUNG

Defendants' Markman Pr

AGIS Software Development LLC v. Samsung El

CV No. 2:22-cv-00263-JRG-RSP (E.D

November 3, 2023

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“means for presenting a recipien on the geographical map corres a correct geographical location recipient PDA/cell phone”

’970 Patent, Claim 2

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'970 Patent: "means for presenting a recipient symbol on the g a correct geographical location of the recipient PD

AGIS's Constructions	Sam
Governed by 35 U.S.C. § 112(6). (Agreed) Function: "presenting a recipient symbol on the geographical map corresponding to a correct geographical location of the recipient PDA/cell phone" **Primary Proposal: Hardware Structure** Structure: "PDA/cell phone hardware including display 16 and a wireless receiver and/or transreceiver; and equivalents thereof" **Alternative Proposal: Software Algorithm** Structure: "a PC or PDA/cell phone configured to implement the algorithm disclosed in the '970 Patent at 6:25–27, 6:33–37, and equivalents thereof"	Governed by 35 U (Agreed) Function geographical map geographical loca **Structure: insuff indefinite**

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Two Requirements: "presenting" and "correct geograp

'970 Patent

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**

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

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

(*) Notice:

(21) Appl. No.:

(22) Filed:

(65) Prior Publication Data

US

(63) Continuation of

(51) Int.

(52) U.

(58) Field of

Se

(56) **References Cited**

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US 8,213,970 C1

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EX PARTE REEXAMINATION CERTIFICATE

THE PATENT IS HEREBY AMENDED AS INDICATED BELOW.

Matter enclosed in heavy brackets [ ] appeared in the patent, but has been deleted and is no longer a part of the patent; matter printed in italics indicates additions made to the patent.

AS A RESULT OF REEXAMINATION, IT HAS BEEN DETERMINED THAT:

Claims **1** and **3-9** were previously cancelled.

Claims **2** and **10** are determined to be patentable as amended.

Claims **11-13**, dependent on an amended claim, are determined to be patentable.

2. [The system as in claim **1**] *A communication system for transmitting, receiving, confirming receipt, and responding to an electronic message, comprising: a predetermined network of participants, wherein each participant has a similarly equipped PDA/cell phone that includes a CPU and a touch screen display a CPU and memory; a data transmission means that facilitates the transmission of electronic files between said PDA/cell phones in different locations; a sender PDA/cell phone and at least one recipient PDA/cell phone for each electronic message; a forced message alert software application program including a list of required possible responses to be selected by a participant recipient of a forced message response loaded on each participating PDA/cell phone; means for attaching a forced message alert software packet to a voice or text message creating a forced message alert that is transmitted by said sender PDA/cell phone to the recipient PDA/cell phone, said forced message alert software packet containing a list of possible required responses and requiring the forced message alert software on said recipient PDA/cell phone to transmit an automatic acknowledgment to the sender PDA/cell phone as soon as said forced message alert is received by the recipient PDA/cell phone; means for requiring a required manual response from the response list by the recipient in order to clear recipient's response list from recipient's cell phone display; means for receiving and displaying a listing of which recipient PDA/cell phones have automatically acknowledged the forced message alert and which recipient PDA/cell phones have not automatically acknowledged the forced message alert; means for periodically resending said forced message alert to said recipient PDA/cell phones that have not automatically acknowledged the forced message alert; and means for receiving and displaying a listing of which recipient PDA/cell phones have transmitted a manual response to said forced message alert and details the response from each recipient PDA/cell phone that responded; and means for displaying a geographical map with georeferenced entities on the display of the sender PDA/cell phone; means for obtaining location and status data associated with the recipient PDA/cell phone; and means for presenting a recipient symbol on the geographical map corresponding to a correct geographical location of the recipient PDA/cell phone,* wherein the forced message alert software application program on the recipient PDA/cell phone includes:

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means for transmitting the acknowledgment of receipt to said sender PDA/cell phone immediately upon receiving a forced message alert from the sender PDA/cell phone;

means for controlling of the recipient PDA/cell phone upon transmitting said automatic acknowledgment and causing, in cases where the force message alert is a text message, the text message and a response list to be shown on the display of the recipient PDA/cell phone or causes, in cases where the forced message alert is a voice message, the voice message being periodically repeated by the speakers of the recipient PDA/cell phone while said response list is shown on the display;

means for allowing a manual response to be manually selected from the response list or manually recorded and transmitting said manual response to the sender PDA/cell phone; and

means for clearing the text message and a response list from the display of the recipient PDA/cell phone or stopping the repeating voice message and clearing the response list from the display of the recipient PDA/cell phone once the manual response is transmitted.

10. A method of receiving, acknowledging and responding to a forced message alert from a sender PDA/cell phone to a recipient PDA/cell phone, wherein the receipt, acknowledgment, and response to said forced message alert is forced by a forced message alert software application program, said method comprising the steps of:

receiving an electronically transmitted electronic message; identifying said electronic message as a forced message alert, wherein said forced message alert comprises of a voice or text message and a forced message alert application software packet, which triggers the activation of the forced message alert software application program within the recipient PDA/cell phone;

transmitting an automatic acknowledgment of receipt to the sender PDA/cell phone, which triggers the forced message alert software application program to take control of the recipient PDA/cell phone and show the content of the text message and a required response list on the display recipient PDA/cell phone or to repeat audibly the content of the voice message on the speakers of the recipient PDA/cell phone and show the required response list on the display recipient PDA/cell phone; and

transmitting a selected required response from the response list in order to allow the message required response list to be cleared from the recipient's cell phone display, whether said selected response is a chosen option from the response list, causing the forced message alert software to release control of the recipient PDA/cell phone and stop showing the content of the text message and a response list on the display recipient PDA/cell phone and or stop repeating the content of the voice message on the speakers of the recipient PDA/cell phone;

displaying the response received from the PDA cell phone that transmitted the response on the sender of the forced alert PDA/cell phone; and

providing a list of the recipient PDA/cell phones have automatically acknowledged receipt of a forced alert message and their response to the forced alert message; *and displaying a geographical map with georeferenced entities on the display of the sender PDA/cellphone; obtaining location and status data associated with the recipient PDA/cellphone; and presenting a recipient symbol on the geographical map corresponding to a*

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map corresponding to a cor
recipient PDA/cell phone,

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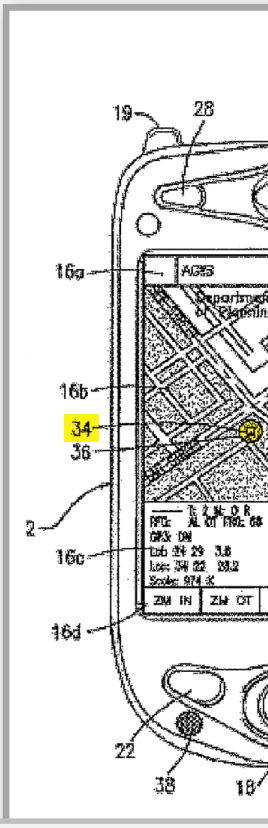

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