Case 2:17-cv-00513-JRG Document 240-5 Filed 12/18/18 Page 1 of 22 PageID #: 14547

# EXHIBIT 5

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US009408055B2

# Case 2:17-cv-00513-JRG Document 240-5

(12) United States Patent

## Beyer, Jr.

#### (54) METHOD TO PROVIDE AD HOC AND PASSWORD PROTECTED DIGITAL AND VOICE NETWORKS

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- (72) Inventor: Malcolm K. Beyer, Jr., Jupiter, 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 0 days.
- (21) Appl. No.: 14/695,233
- (22) Filed: Apr. 24, 2015

#### (65) **Prior Publication Data**

US 2015/0319789 A1 Nov. 5, 2015

#### **Related U.S. Application Data**

(63) Continuation of application No. 14/529,978, filed on Oct. 31, 2014, which is a continuation-in-part of application No. 14/027,410, filed on Sep. 16, 2013, now Pat. No. 8,880,042, which is a continuation of

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(51) Int. Cl. *H04W 24/00* (2009.01) *H04M 11/04* (2006.01)

(Continued)

(Continued)

### (10) Patent No.: US 9,408,055 B2

#### (45) **Date of Patent:** Aug. 2, 2016

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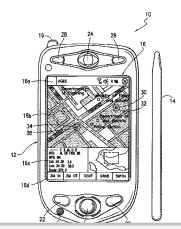
Primary Examiner — Omoniyi Obayanju

(74) Attorney, Agent, or Firm - Goodwin Procter LLP

#### (57) ABSTRACT

A method and system includes the ability for individuals to set up an ad hoc digital and voice network easily and rapidly to allow users to coordinate their activities by eliminating the need for pre-entry of data into a web or identifying others by name, phone numbers or email. This method is especially useful for police, fire fighters, military, first responders or other emergency situations for coordinating different organizations at the scene of a disaster to elevate conventional communication problems either up and down the chain of command or cross communication between different emergency units. The method and system provides that the users are only required to enter a specific Server IP address and an ad hoc event name, a password and perhaps the name of the particular unit.

#### 54 Claims, 7 Drawing Sheets



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#### US 9,408,055 B2

Page 2

#### Related U.S. Application Data

application No. 13/751,453, filed on Jan. 28, 2013, now Pat. No. 8,538,393, which is a continuation-inpart of application No. 12/761,533, filed on Apr. 16, 2010, now Pat. No. 8,364,129, which is a continuationin-part of application No. 11/615,472, filed on Dec. 22, 2006, now Pat. No. 8,126,441, which is a continuationin-part of application No. 11/308,648, filed on Apr. 17, 2006, now Pat. No. 7,630,724, which is a continuationin-part of application No. 10/711,490, filed on Sep. 21, 2004, now Pat. No. 7,031,728.

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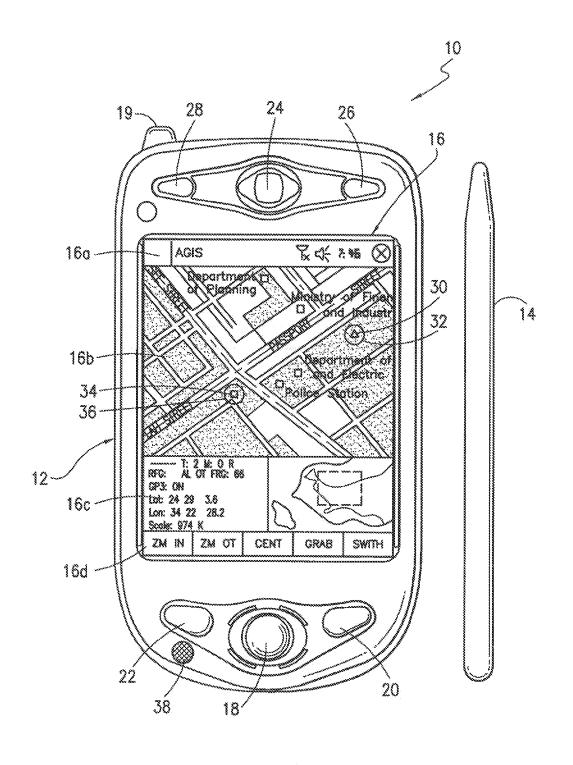


FIG. 1

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