

EXHIBIT D

(12) **United States Patent**
Beyer, Jr. et al.

(10) **Patent No.:** **US 9,467,838 B2**
 (45) **Date of Patent:** ***Oct. 11, 2016**

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

USPC 455/404.2, 456.1
 See application file for complete search history.

(71) Applicant: **Advanced Ground Information
 Systems, Inc.**, Jupiter, FL (US)
 (72) Inventors: **Malcolm K. Beyer, Jr.**, Jupiter, FL
 (US); **Christopher R. Rice**, Redmond,
 WA (US)
 (73) Assignee: **Advanced Ground Information
 Systems, Inc.**, Jupiter, FL (US)

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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 0 days.
 This patent is subject to a terminal dis-
 claimer.

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Related U.S. Application Data

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Primary Examiner — Omoniyi Obayanju
 (74) *Attorney, Agent, or Firm* — Goodwin Procter LLP

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

(Continued)

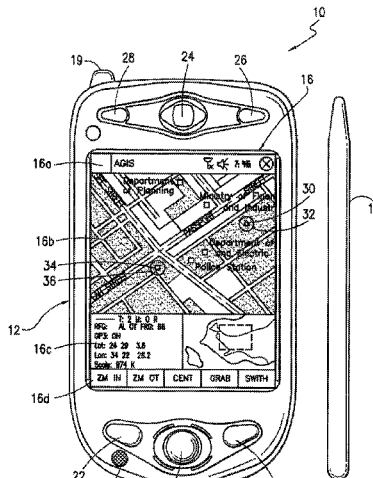
(52) **U.S. Cl.**
 CPC **H04W 4/22** (2013.01); **G06F 3/0482**
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(Continued)

(58) **Field of Classification Search**
 CPC H04W 4/02

(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 orga-
 nizations at the scene of a disaster to elevate conventional
 communication problems either up and down the chain of
 command or cross communication between different emer-
 gency 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.

84 Claims, 7 Drawing Sheets



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Related U.S. Application Data

continuation-in-part of application No. 12/761,533, filed on Apr. 16, 2010, now Pat. No. 8,364,129, which is a continuation-in-part of application No. 11/615,472, filed on Dec. 22, 2006, now Pat. No. 8,126,441, 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.

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H04W 4/10 (2009.01)
H04M 1/2745 (2006.01)
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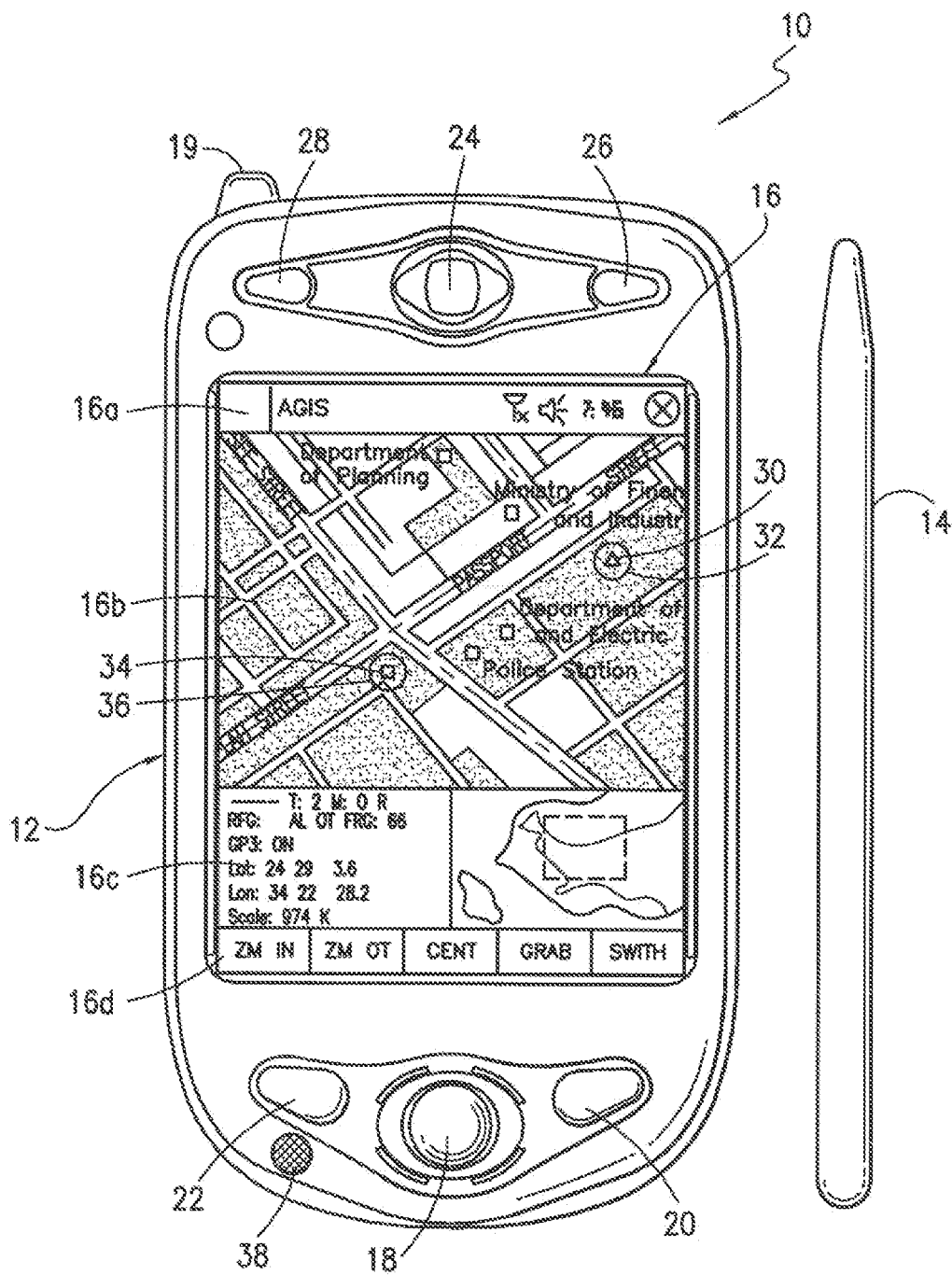


FIG. 1

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