

EXHIBIT H



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

(10) **Patent No.:** **US 10,299,100 B2**
 (45) **Date of Patent:** **May 21, 2019**

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

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(56) **References Cited**

U.S. PATENT DOCUMENTS

5,325,310 A 6/1994 Johnson et al.
 5,555,286 A 9/1996 Tendler
 (Continued)

FOREIGN PATENT DOCUMENTS

EP 1148754 A2 10/2001
 EP 1655888 A1 5/2006
 (Continued)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

OTHER PUBLICATIONS

Batista, E., "Your Boss May Know Where You Are," Wired News, May 31, 2002; 2pgs.

(21) Appl. No.: **15/722,660**

(Continued)

(22) Filed: **Oct. 2, 2017**

Primary Examiner — Omoniyi Obayanju

(65) **Prior Publication Data**
 US 2018/0027111 A1 Jan. 25, 2018

(74) *Attorney, Agent, or Firm* — Goodwin Procter LLP

Related U.S. Application Data

(63) Continuation of application No. 15/469,469, filed on Mar. 24, 2017, which is a continuation of application (Continued)

(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.

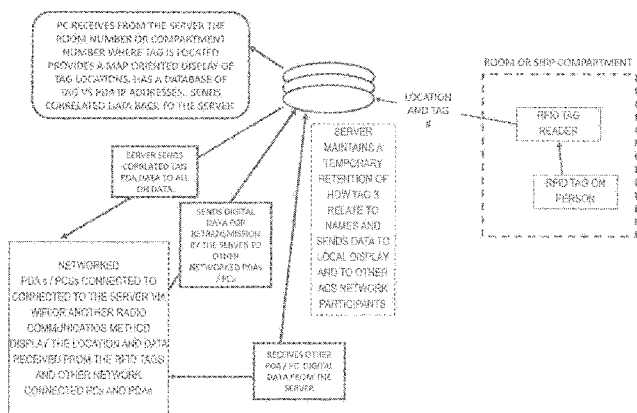
(51) **Int. Cl.**
H04W 4/90 (2018.01)
H04M 1/725 (2006.01)
 (Continued)

(52) **U.S. Cl.**
 CPC **H04W 4/90** (2018.02); **G01S 19/17** (2013.01); **G06F 3/0482** (2013.01);
 (Continued)

(58) **Field of Classification Search**
 CPC H04W 4/02
 See application file for complete search history.

31 Claims, 7 Drawing Sheets

ENABLING NON RFID EQUIPPED PDA PHONES TO RECEIVE RFID TAG DATA.



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Related U.S. Application Data

No. 15/287,638, filed on Oct. 6, 2016, now Pat. No. 9,706,381, which is a continuation of application No. 14/529,978, filed on Oct. 31, 2014, now Pat. No. 9,467,838, 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 application No. 13/751,453, filed on Jan. 28, 2013, now Pat. No. 8,538,393, which is a 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.

(51) Int. Cl.

- H04W 68/00 (2009.01)
H04W 4/02 (2018.01)
H04W 76/50 (2018.01)
H04W 76/11 (2018.01)
H04M 1/2745 (2006.01)
H04W 4/08 (2009.01)
H04W 64/00 (2009.01)
H04W 84/18 (2009.01)
H04W 12/08 (2009.01)
H04W 12/02 (2009.01)
G06F 3/0482 (2013.01)
G06F 3/0484 (2013.01)
H04L 29/06 (2006.01)
H04L 29/08 (2006.01)
H04W 4/021 (2018.01)
H04L 29/12 (2006.01)
H04M 7/00 (2006.01)
H04W 12/06 (2009.01)
H04W 68/04 (2009.01)
G01S 19/17 (2010.01)
H04M 3/56 (2006.01)
H04W 4/14 (2009.01)
H04W 76/15 (2018.01)
H04W 4/10 (2009.01)
H04W 76/45 (2018.01)
H04W 12/04 (2009.01)
H04W 84/04 (2009.01)

(52) U.S. Cl.

- CPC G06F 3/04842 (2013.01); H04L 61/605 (2013.01); H04L 63/065 (2013.01); H04L 63/083 (2013.01); H04L 63/104 (2013.01); H04L 67/18 (2013.01); H04M 1/27455 (2013.01); H04M 1/72519 (2013.01); H04M 1/72536 (2013.01); H04M 1/72547 (2013.01); H04M 1/72572 (2013.01); H04M 1/72583 (2013.01); H04M 3/56 (2013.01); H04M 7/006 (2013.01); H04W 4/02 (2013.01); H04W 4/021 (2013.01); H04W 4/023 (2013.01); H04W 4/026 (2013.01); H04W 4/027 (2013.01); H04W 4/08 (2013.01); H04W 4/14 (2013.01); H04W 12/02 (2013.01); H04W 12/06 (2013.01); H04W 12/08 (2013.01); H04W 64/00 (2013.01); H04W 68/00 (2013.01); H04W 68/04 (2013.01); H04W 76/45 (2018.01); H04W 84/04 (2009.01)

- H04W 84/18 (2013.01); H04L 61/2007 (2013.01); H04M 1/72525 (2013.01); H04M 2250/10 (2013.01); H04M 2250/22 (2013.01); H04M 2250/62 (2013.01); H04W 4/10 (2013.01); H04W 12/04 (2013.01); H04W 76/45 (2018.02); H04W 84/042 (2013.01)

(56)

References Cited

U.S. PATENT DOCUMENTS

5,563,931 A 10/1996 Bishop et al.
5,692,032 A 11/1997 Seppanen
5,742,905 A 4/1998 Pepe et al.
5,764,898 A 6/1998 Tsuji et al.
5,898,434 A 4/1999 Small et al.
6,104,704 A 8/2000 Buhler et al.
6,108,704 A 8/2000 Hutton
6,119,017 A 9/2000 Cassidy et al.
6,128,291 A 10/2000 Perlman et al.
6,148,332 A 11/2000 Brewer
6,182,114 B1 1/2001 Yap et al.
6,204,844 B1 3/2001 Fumarolo et al.
6,232,971 B1 5/2001 Haynes
6,271,835 B1 8/2001 Hoeksma
6,292,747 B1 9/2001 Amro et al.
6,366,782 B1 4/2002 Fumarolo et al.
6,377,210 B1 4/2002 Moore
6,385,465 B1 5/2002 Yoshioka
6,434,403 B1 8/2002 Ausems et al.
6,459,440 B1 10/2002 Monnes et al.
6,477,387 B1 11/2002 Jackson et al.
6,487,595 B1 11/2002 Turunen et al.
6,490,521 B2 12/2002 Wiener
6,504,503 B1 1/2003 Saint Hilaire et al.
6,518,957 B1 2/2003 Lehtinen et al.
6,542,475 B1 4/2003 Bala et al.
6,549,768 B1 4/2003 Fraccaroli
6,654,683 B2 11/2003 Jin et al.
6,661,353 B1 12/2003 Gopen
6,662,016 B1 12/2003 Buckham et al.
6,665,293 B2 12/2003 Thornton et al.
6,697,734 B1 2/2004 Suomela
6,700,589 B1 3/2004 Canelones et al.
6,704,303 B1 3/2004 Bowman-Amuah
6,716,101 B1 4/2004 Meadows et al.
6,772,142 B1 8/2004 Kelling et al.
6,775,560 B2 8/2004 King et al.
6,816,878 B1 11/2004 Zimmers et al.
6,854,007 B1 2/2005 Hammond
6,867,733 B2 3/2005 Sandhu et al.
6,868,333 B2 3/2005 Melen
6,868,337 B2 3/2005 Muramatsu
6,882,856 B1 4/2005 Alterman et al.
6,885,874 B2 4/2005 Grube et al.
6,941,127 B2 9/2005 Muramatsu
7,002,952 B2 2/2006 Jones
7,024,207 B2 4/2006 Gorday et al.
7,031,700 B1 4/2006 Weaver et al.
7,031,728 B2 4/2006 Beyer, Jr.
7,039,040 B1 5/2006 Burg
7,103,333 B2 9/2006 Lazaridis et al.
7,158,878 B2 1/2007 Rasmussen et al.
7,194,083 B1 3/2007 Tischer et al.
7,219,303 B2 5/2007 Fish
7,271,742 B2 9/2007 Sheha et al.
7,292,935 B2 11/2007 Yoon
7,299,075 B2 11/2007 Gottlieb et al.
7,330,112 B1 2/2008 Emigh et al.
7,353,034 B2 4/2008 Haney
7,386,589 B1 6/2008 Tanumihardja et al.
7,398,551 B2 7/2008 Thomas et al.
7,421,270 B2 9/2008 Serafat et al.
7,426,202 B2 9/2008 Warriar et al.
7,450,003 B2 11/2008 Weber et al.
7,454,233 B2 11/2008 Lu et al.

US 10,299,100 B2

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(56)

References Cited

U.S. PATENT DOCUMENTS

7,499,799 B2 3/2009 Park
7,574,353 B2 8/2009 Trombetta et al.
7,593,740 B2 9/2009 Crowley et al.
7,609,669 B2 10/2009 Sweeney et al.
7,619,584 B2 11/2009 Wolf
7,630,724 B2 12/2009 Beyer, Jr. et al.
7,633,898 B2 12/2009 Jain et al.
7,672,681 B1 3/2010 Beyer
7,689,232 B1 3/2010 Beyer
7,764,954 B2 7/2010 Beyer, Jr.
7,801,134 B2 9/2010 Hori et al.
7,801,781 B2 9/2010 Olin et al.
7,805,146 B1 9/2010 Beyer
7,848,765 B2 12/2010 Phillips et al.
7,853,273 B2 12/2010 Beyer
7,912,913 B2 3/2011 Accapadi et al.
7,917,866 B1 3/2011 Karam
8,000,724 B1 8/2011 Rayburn
8,014,763 B2* 9/2011 Hymes H04M 1/26
455/414.2
8,078,164 B2 12/2011 Ganesan
8,126,441 B2 2/2012 Beyer, Jr.
8,139,514 B2 3/2012 Weber et al.
8,213,970 B2 7/2012 Beyer
8,250,155 B2 8/2012 Corry et al.
8,300,644 B2 10/2012 Gilbert et al.
8,364,129 B1 1/2013 Beyer, Jr.
8,369,843 B2 2/2013 Fux et al.
8,538,393 B1 9/2013 Beyer, Jr. et al.
8,549,285 B2 10/2013 Fink et al.
RE44,716 E 1/2014 Vaziri et al.
8,713,302 B1 4/2014 Kirchhoff
8,731,158 B2 5/2014 Donovan
8,781,089 B2 7/2014 Gilboa et al.
8,792,479 B2 7/2014 Bender et al.
8,880,042 B1 11/2014 Beyer, Jr. et al.
8,982,876 B2 3/2015 Kundaje et al.
9,019,946 B1 4/2015 Rao et al.
9,408,055 B2 8/2016 Beyer, Jr.
9,445,251 B2 9/2016 Beyer, Jr. et al.
9,467,838 B2 10/2016 Beyer, Jr. et al.
9,544,271 B2 1/2017 McFarland et al.
9,706,381 B2 7/2017 Beyer, Jr. et al.
9,749,829 B2 8/2017 Beyer, Jr. et al.
9,820,123 B2 11/2017 Beyer, Jr. et al.
2001/0026609 A1 10/2001 Weinstein et al.
2001/0044321 A1 11/2001 Ausems et al.
2002/0027901 A1 3/2002 Liu et al.
2002/0061762 A1 5/2002 Maggenti et al.
2002/0064147 A1 5/2002 Jonas et al.
2002/0115450 A1 8/2002 Muramatsu
2002/0115453 A1 8/2002 Poulin et al.
2002/0135615 A1 9/2002 Lang
2002/0173906 A1 11/2002 Muramatsu
2002/0194378 A1 12/2002 Foti
2003/0013461 A1 1/2003 Mizune et al.
2003/0081011 A1 5/2003 Sheldon et al.
2003/0093405 A1 5/2003 Mayer
2003/0100326 A1* 5/2003 Grube H04W 84/08
455/515
2003/0103072 A1 6/2003 Ko
2003/0103088 A1 6/2003 Dresti et al.
2003/0114171 A1 6/2003 Miyamoto
2003/0128195 A1 7/2003 Banerjee et al.
2003/0139150 A1 7/2003 Rodriguez et al.
2003/0149527 A1 8/2003 Sikila
2003/0200259 A1 10/2003 Tsuge
2003/0217109 A1 11/2003 Ordille et al.
2003/0224762 A1 12/2003 Lau et al.
2003/0229441 A1 12/2003 Pechatnikov
2004/0054428 A1 3/2004 Sheha et al.
2004/0137884 A1 7/2004 Engstrom et al.
2004/0143391 A1 7/2004 King et al.

2004/0157590 A1 8/2004 Lazaridis et al.
2004/0192299 A1 9/2004 Wilson et al.
2004/0204070 A1 10/2004 August et al.
2004/0213215 A1 10/2004 Kakiuchi
2004/0243710 A1 12/2004 Mao
2004/0252050 A1 12/2004 Tengler et al.
2004/0266456 A1 12/2004 Bostrom et al.
2005/0027705 A1* 2/2005 Sadri G06F 17/30241
2005/0030977 A1 2/2005 Casey et al.
2005/0060069 A1 3/2005 Breed et al.
2005/0113123 A1 5/2005 Torvinen
2005/0130634 A1 6/2005 Godfrey
2005/0130666 A1 6/2005 Levy et al.
2005/0221876 A1 10/2005 Van Bosch et al.
2005/0227705 A1 10/2005 Rousu et al.
2005/0246419 A1 11/2005 Jaatinen
2005/0265256 A1 12/2005 Delaney
2005/0270311 A1 12/2005 Rasmussen et al.
2006/0015407 A1 1/2006 Bernard et al.
2006/0030339 A1 2/2006 Zhovnirovsky et al.
2006/0031927 A1 2/2006 Mizuno et al.
2006/0035647 A1 2/2006 Eisner et al.
2006/0039353 A1 2/2006 Samuel et al.
2006/0047825 A1 3/2006 Steenstra et al.
2006/0155871 A1 7/2006 Ilkka et al.
2006/0178128 A1 8/2006 Eaton
2006/0218232 A1 9/2006 Kubala et al.
2007/0047707 A1 3/2007 Mayer et al.
2007/0081649 A1 4/2007 Baudino
2007/0150444 A1 6/2007 Chesnais et al.
2007/0153986 A1 7/2007 Bloebaum et al.
2007/0178912 A1* 8/2007 Baranowski G06Q 30/02
455/456.2
2007/0200713 A1 8/2007 Weber et al.
2007/0218885 A1 9/2007 Pflugging et al.
2007/0281689 A1 12/2007 Altman et al.
2007/0281690 A1 12/2007 Altman et al.
2008/0132243 A1 6/2008 Spalink et al.
2008/0219416 A1 9/2008 Roujinsky
2008/0304460 A1 12/2008 Thermond
2010/0052945 A1 3/2010 Breed
2010/0125636 A1 5/2010 Kuhlke et al.
2011/0053554 A1 3/2011 Wong et al.
2012/0008526 A1 1/2012 Borghei
2013/0183949 A1 7/2013 Sulmar
2015/0067055 A1 3/2015 Khara et al.
2015/0264167 A1 9/2015 Beyer, Jr. et al.
2015/0319789 A1 11/2015 Beyer, Jr. et al.
2016/0021522 A1 1/2016 Beyer, Jr. et al.
2016/0057598 A1 2/2016 Beyer, Jr. et al.
2017/0026815 A1 1/2017 Beyer, Jr. et al.
2017/0201621 A1 7/2017 Beyer, Jr. et al.
2017/0238158 A1 8/2017 Beyer, Jr. et al.
2018/0152556 A1 5/2018 Beyer, Jr. et al.

FOREIGN PATENT DOCUMENTS

EP 1874021 A1 1/2008
EP 2348423 A2 7/2011
JP H04 358448 A 12/1992
JP H05 303335 A 11/1993
JP H08-5394 A 1/1996
JP H09-113288 A 5/1997
JP 2000-357296 A 12/2000
JP 2002077372 A 3/2002
JP 2002-245336 A 8/2002
JP 2002-277256 A 9/2002
JP 2003139546 A 5/2003
JP 2003230172 A 8/2003
JP 2003264861 A 9/2003
JP 2007532560 A 11/2007
WO WO-2002/17567 A2 2/2002
WO WO-200137532 A3 4/2002
WO WO-2003/071825 A1 8/2003
WO WO-03/074973 A2 9/2003

US 10,299,100 B2

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(56) **References Cited**

FOREIGN PATENT DOCUMENTS

WO WO-2008027891 A2 3/2008
WO WO-2008/118878 A2 10/2008

OTHER PUBLICATIONS

Benefon ESC! GSM + GPS Personal Navigation Phone, 1999, Benefon Oyj, Salo, Finland; 4pgs.
Edlund, T. and Ciber, S., "Mobile Services for Truck Drivers," Master Thesis in Mobile Informatics, IT University of Goleborg, Sweden; 2003; 50pgs.
Garmin rino 110 2-way Radio & Personal Navigator; Owner's Manual and Reference Guide; Apr. 2003; 88pgs.
Gate5, "Mobile Community Solution: Context-sensitive Application Suite for Mobile Communities," 2002; 3pgs.
Gate5, "Mobile Guide Solution: Context-sensitive Applications for PDA-based Mobile City and Travel Guides," 2002; 4pgs.
Int'l Preliminary Report on Patentability (IPRP); for Int'l Patent App. No. PCT/JP2004/000250 dated Jul. 5, 2005; 4pgs.
Kim, R., "Find Friends by Cell Phone/Loop! Application's GPS Program can Beam Map Location," SFGate; Nov. 14, 2006; 2pgs.
Life360's Rule 50(a) Motion for Judgment as a Matter of Law; AGIS, Inc. v. Life360, Inc. (S.D. FL.); Mar. 12, 2015; 27pgs.
LocatioNet LBS Applications: MyMap description web page, published before 2004 upon information and belief; 13pgs.
LocatioNet Press Release: "LocatioNet Releases Ground Breaking Mass Market LBS Application Suite—LocatioNet MyMap," Mobile Location Services Congress; May 6, 2003; 2pgs.
Luna, L., "This Man Knows You Live . . . and Work and Play," *Wireless Review*; Sep. 1, 2002; pp. 24-32.
Meggers, J. and Sang-Bum Parl, A., "A Multimedia Communication Architecture for Handheld Devices," IEEE Paper 0-7803-4872-9/98, Sep. 8-11, 1998; pp. 1245-1249.
Memory Map Remote Tracking, available on the Internet at <https://web.archive.org/web/20060202161013/http://memory-map.com/>; 2pgs.
Plaintiff Advanced Ground Information Systems, Inc.'s Motions in Limine; *AGIS, Inc. v. Life360, Inc.* (S.D. FL.); Feb. 19, 2015; 54pgs.
PRNewswire, "Trimble GPS Technology Enables Seiko Epson; Communication Device and Wireless Data Service," accessed on the internet at: [http://www.printhis.clickability.com/pt/cpt?expire=&title=Trimble+GPS+Technology+Enables+Seiko+Epson+Communication+Device+and+Wireless+Data+S . . .](http://www.printhis.clickability.com/pt/cpt?expire=&title=Trimble+GPS+Technology+Enables+Seiko+Epson+Communication+Device+and+Wireless+Data+S...); downloaded Jun. 16, 2016; 4pgs.
The Gate5 system, which, upon information and belief, was sold and/or publicly used within the U.S. prior to 2004 and at least as early as 2002.
The LocatioNet system which, upon information and belief, was sold and/or publicly used within the U.S. prior to 2004 and at least as early as 2003; 6pgs.
Östman, L., "A Study of Location-Based Services Including a Design and Implementation of an Enhanced Friend Finder Client with Mapping Capabilities," Lulea Tekniska Univeritet; Aug. 31, 2001; 63pgs.
Batayneh, Fahd A., Location Management in Wireless Data Networks. Apr. 21, 2006, 24pgs. Available on the Internet at https://www.cse.wustl.edu/~jain/cse574-06/ftp/wireless_location/index.html.
DIGI, Remote Cellular TCP/IP to Rockwell Ethernet and Serial Devices. 37pgs.
IBM, Transmission Control Protocol / Internet Protocol. 2pgs. Available on the Internet at www.ibm.com/support/knowledgecenter/en/ssw_aix_61/com.ibm.aix.networkcomm/tcpip_intro.htm.
Kutscher, Dirk et al. Drive-thru Internet: IEEE 802.11b for "Automobile" Users. IEEE Infocom, Mar. 7, 2004. 12pgs.
Microsoft Corporation. Communication Services and Networking

Ramjee, et al. IP-Based Access Network Infrastructure for Next-Generation Wireless Data Networks. IEEE Personal Communications, Aug. 2000. 8 pgs.
Toppila, Pekka. TCP/IP in Cellular Mobile Environment. 1999, 7pgs.
Zetter, Kim. How Attackers can Use Radio Signals and Mobile Phones to Steal Protected Data. Wired, Nov. 3, 2004 5pgs. Available on the Internet at www.wired.com/2014/11/airhopper-hack/.
"911 and E911 Services," Federal Communications Commission, updated Mar. 1, 2018, available at <https://www.fcc.gov/general/9-1-1-and-e9-1-1-services> (last visited May 7, 2018) (6 pages).
"AGIS Introduces Landmark Mobile Networking," dated Jun. 18, 2007, available as of Aug. 7, 2007 according to Wayback Machine Internet Archive Record, obtained from: https://web.archive.org/web/20070807202449/http://www.agisinc.com/AGIS_announcement.pdf (3 pages).
"AGIS Mobile Communication & Collaboration Software Being Used by Naval Coastal Warfare Squadron," available as of Aug. 7, 2007 according to Wayback Machine Internet Archive Record, obtained from: https://web.archive.org/web/20070807202431/http://www.agisinc.com/AGIS_US_Navy_photofeature.pdf (2 pages).
"BuddySpace Downloads," dated May 1, 2007, publication date unknown, available at: <http://projects.kmi.open.ac.uk/buddyspace/downloads/downloads.html> (3 pages).
"Cellular Mobile Pricing Structures and Trends," Organisation for Economic Co-operation and Development, Working Party on Telecommunications and Information Service Policies, May 16, 2000 (103 pages).
"Email," Wikipedia, <https://en.wikipedia.org/wiki/Email> (last visited May 10, 2018) (19 pages).
"Fact Sheet: FCC Wireless 911 Requirements," Federal Communications Commission, Jan. 2001, available at https://transition.fcc.gov/pshs/services/911-services/enhanced911/archives/factsheet_requirements_012001.pdf (4 pages).
"Force XXI Battle Command, Brigade and Below (FBCB2)," available as of Feb. 4, 2017 according to Wayback Machine Internet Archive Record, obtained from: <https://web.archive.org/web/20170204113146/http://www.dote.osd.mil/pub/reports/FY1999/pdf/army/99fbc2.pdf> (4 pages).
"Frequently Asked Questions," BuddySpace.org, available as of Apr. 23, 2007 according to Wayback Machine Internet Archive Record, obtained from: <https://web.archive.org/web/20070423184018/http://kmi.open.ac.uk:80/projects/buddyspace/faq.html> (11 pages).
"Frequently Asked Questions," BuddySpace.org, available as of Feb. 3, 2004 according to Wayback Machine Internet Archive Record, obtained from: <https://web.archive.org/web/20040204032758/http://kmi.open.ac.uk:80/projects/buddyspace/faq.html> (4 pages).
"History of Mobile Phones," Wikipedia, https://en.wikipedia.org/wiki/History_of_Mobile_phones (last visited May 10, 2018) (14 pages).
"How It Works: The Navizon Wireless Positioning System," Navizon.com, available as of Feb. 19, 2006 according to Wayback Machine Internet Archive Record, obtained from: <https://web.archive.org/web/20060219075647/http://www.navizon.com:80/FullFeatures.htm> (8 pages).
"Introduction & Philosophy: Presence in a Nutshell," publication date unknown, available at: <http://projects.kmi.open.ac.uk/buddyspace/intro-philosophy.html> (3 pages).
"MMode Features: Find Friends," AT&T Wireless, available as of Jun. 18, 2003 according to Wayback Machine Internet Archive Record, obtained from: <https://web.archive.org/20030618175223/http://www.attwireless.com:80/mmode/features/findit/FindFriends/> (2 pages).
"Navizon: The first Peer-to-Peer Wireless Positioning System that successfully blends GPS +WiFi + Cellular signals together into one accurate and powerful Mobile Geo-Location System," Navizon.com, available as of Dec. 18, 2005 according to Wayback Machine Internet Archive Record, obtained from: <https://web.archive.org/web/20051218105454/http://www.navizon.com:80/index.htm> (2 pages).

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