

36	Non Patent Literature	Engadget_Dutch_Testing_Geo _Targeted.pdf	525863 6479c0923c82d22315a1a950b4f739d45919 7265	no	7
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37	Non Patent Literature	ETSI_TS_123_246_UMTS.pdf	795645 50847a6262210f5ae0d21b558c75eb9139e a9463	no	16
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38	Non Patent Literature	Global_Amateur_Radio_Emerg ency_Communications.pdf	615153 6306e5dc0a6efdb14c8c9411851a5776bc4 38f9e	no	15
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39	Non Patent Literature	International_Search_Report. pdf	110439 4c78e62f7836fcd7ac78c74486cd185b93ef d1e1	no	3
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40	Non Patent Literature	Intl_Telecommunication_Unio n_Cell_Broadcast.pdf	704385 34598960bc6391052e01d392513506d58e b83b95	no	19
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41	Non Patent Literature	Messaging_Network_Bercut_Li mited_Broadcast.pdf	441990 5b3e29f2dc9817e0f295c8a421635470819 028e	no	9
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42	Non Patent Literature	MobileIN_com_Perspective_Ce ll_Broadcasting.pdf	150152 8840c456205c2b35e34644baf74973bef dddc4	no	3
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43	Non Patent Literature	Mobile_com_Perspective_Hist ory_and_Importance.pdf	159083 4e8fd1dcbf48920a5ad7e0a5ba3ac829af 2880	no	3
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44	Non Patent Literature	News_from_Sen_John_Edward s_NC_4303.pdf	32218 d5a6d137bc91548ef3e73853bd5bc87ddb 810f3a	no	1
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45	Non Patent Literature	NewsScientist_com_Text_Messa ge_Broadcast_Public.pdf	181279 1f630f95208708974d85e254b7a82c7af0f3 ecd	no	2
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46	Non Patent Literature	OCG_EMTEL_Archives_Cell_Bro adcast_Public_Demonstration. pdf	137562 4015ed5cac09a04514ea291e045447a0ad ddff6f	no	3
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<b>Information:</b>					
47	Non Patent Literature	RCR_Cell- Broadcast_Serv_Gets_Second_ Look_Silva_111003.pdf	218744 4b9463d4facd187a929e39864d02237f588 05fe0	no	4
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48	Non Patent Literature	Recommendation_12_WTDC-0 2_Istanbul_2002.pdf	45461 ba0bc8b211adff0dc38e576d23f1773604a 7c1b2	no	2
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49	Non Patent Literature	SMS_News_Text_Message_Bro adcasts_Could_Provide.pdf	112688 a9b1373027525460bb8f333ca8e2ee0de0d 5b749	no	2
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50	Non Patent Literature	Stanford_University_EE179_Int roduction_to_Communications .pdf	590978 3d3e48ca4ae86699248abf081699d970a1c 6a45c	no	22
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51	Non Patent Literature	TeliaSonera_Mobile_Broadcast _Multicast_Service_MBMS.pdf	466543 356230ae6594acd4f6bb2a23793a17ea1ba e3a49	no	12
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52	Non Patent Literature	Text_message_warn_of_killer_f lu_hot_spots_42003.pdf	32319 09bdb2e36ab9a37ebd1ca09c293f683bf1 a1f9b	no	1
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53	Non Patent Literature	The_Cellular- Emergency_alert_Services.pdf	20188 a08e362e9ab568bc9471429bce1d1a205e 2a558	no	1
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54	Non Patent Literature	The_Wall_Street_Journal_Online.pdf	440890 113d2edf46a8ff3ef4ab294363d36136ce023873	no	7
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55	Non Patent Literature	Japanese_Office_Action_10_4_11.pdf	1182408 eb3bd828871768860c750add982700b5dffbbeb46	no	12
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56	Non Patent Literature	Yoshiro_ICHIOKA_Urban_Community.pdf	3133547 2cab16a0a1e86c9406dff01c3c31269adff7e7c603	no	32
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57	Fee Worksheet (SB06)	fee-info.pdf	30356 8687b2460131390d97e33258a33f3f928c8573d1	no	2
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<b>Total Files Size (in bytes):</b>				48752420	
<p><b>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</b></p> <p><b><u>New Applications Under 35 U.S.C. 111</u></b> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><b><u>National Stage of an International Application under 35 U.S.C. 371</u></b> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><b><u>New International Application Filed with the USPTO as a Receiving Office</u></b> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT ( Not for submission under 37 CFR 1.99)</b>	Application Number		13887940	
	Filing Date		2013-05-06	
	First Named Inventor	Wood, et al.		
	Art Unit			
	Examiner Name			
	Attorney Docket Number		ENIT 9834C3	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number	13887940
	Filing Date	2013-05-06
	First Named Inventor	Wood, et al.
	Art Unit	
	Examiner Name	
	Attorney Docket Number	ENIT 9834C3

1	CMG Emergency Broadcast ETSI -Emergency Telecommunications 2001	<input type="checkbox"/>
2	CMG Cell Broadcast System E112 - Wireless Emergency Services November 2001	<input type="checkbox"/>
3	Inmarsat, TC SES: Inmarsat GMDSS Satellite System - Enhancing Maritime Safety, Papaharalabos and Mullan, January 22, 2002	<input type="checkbox"/>
4	ETSI Workshop on Emergency Telecommunications , No-presented papers, S. Antipolis, February 26 and 27, 2002	<input type="checkbox"/>
5	Folts Issues For Standards Development Being Pursued For The Emergency Telecommunications Service, V1.3, February 1, 2002	<input type="checkbox"/>
6	Folts The Emergency Telecommunications Service (ETS) in Evolving Networks, November 14, 2001, Version 3.0	<input type="checkbox"/>
7	GSMA Disaster Response, Mobile Network Public Warning Systems and the Rise of Cell-Broadcast, January 2013	<input type="checkbox"/>
8	GIS in Emergency Management as a Core Information System and Related New Requirements to Emergency Telecommunication, Trnka and Sivertun	<input type="checkbox"/>
9	Wireless Emergency Response Team (WERT), Final Report for the September 11, 2001 New York City World Trade Center Terrorist Attack, October 2001	<input type="checkbox"/>
10	Emergency Management and Information Society, How to Improve the Synergy?, Wybo and Lonka, ETSI February 26 and 27, 2002	<input type="checkbox"/>

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number	13887940
	Filing Date	2013-05-06
	First Named Inventor	Wood, et al.
	Art Unit	
	Examiner Name	
	Attorney Docket Number	ENIT 9834C3

EXAMINER SIGNATURE			
Examiner Signature		Date Considered	
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			
<small> <sup>1</sup> See Kind Codes of USPTO Patent Documents at <a href="http://www.USPTO.GOV">www.USPTO.GOV</a> or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.           </small>			

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number	13887940
	Filing Date	2013-05-06
	First Named Inventor	Wood, et al.
	Art Unit	
	Examiner Name	
	Attorney Docket Number	ENIT 9834C3

**CERTIFICATION STATEMENT**

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

**OR**

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

See attached certification statement.

The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

A certification statement is not submitted herewith.

**SIGNATURE**

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	s/David L. Howard/	Date (YYYY-MM-DD)	2014-02-07
Name/Print	David L. Howard	Registration Number	41502

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
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5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
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9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.



## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	18142207
<b>Application Number:</b>	13887940
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	7639
<b>Title of Invention:</b>	BROADCAST ALERTING MESSAGE AGGREGATOR/GATEWAY SYSTEM AND METHOD
<b>First Named Inventor/Applicant Name:</b>	Mark Andrew Wood
<b>Customer Number:</b>	1688
<b>Filer:</b>	David L. Howard
<b>Filer Authorized By:</b>	
<b>Attorney Docket Number:</b>	ENIT 9834C3
<b>Receipt Date:</b>	07-FEB-2014
<b>Filing Date:</b>	06-MAY-2013
<b>Time Stamp:</b>	12:45:52
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	ENIT_9834C3_Supplemental_IDS_2_Transmittal.pdf	35055 9ac62fe2e27e515a9905e6cb90547c22d1c ad29	no	5

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2	Information Disclosure Statement (IDS) Form (SB08)	ENIT_9834C3_Supplemental_IDS_2.pdf	613166 9f9a215b2ba76f3dc584216cd291306f1c3a0a57	no	5
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<b>Information:</b>					
A U.S. Patent Number Citation or a U.S. Publication Number Citation is required in the Information Disclosure Statement (IDS) form for autoloading of data into USPTO systems. You may remove the form to add the required data in order to correct the Informational Message if you are citing U.S. References. If you chose not to include U.S. References, the image of the form will be processed and be made available within the Image File Wrapper (IFW) system. However, no data will be extracted from this form. Any additional data such as Foreign Patent Documents or Non Patent Literature will be manually reviewed and keyed into USPTO systems.					
3	Non Patent Literature	CMG_Emergency_broadcast_ETSI_Aug2001.pdf	909267 20c2a399fe8c394131684efa5819f222bcfd94fd	no	9
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<b>Information:</b>					
5	Non Patent Literature	Dapaharalabos_Inmarsat_GMDSS_-_Enhancing_Safety_1-22-02.pdf	137281 79a38339a28bfec2d43ab983b841aa0b23f5876	no	11
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9	Non Patent Literature	Mobile-Network-Public-Warning-Systems-and-the-Rise-of-CB_Jan2013.pdf	685588 6c48b9a45782a03384390222b01e8c22402244e	no	13
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<b>Information:</b>					
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11	Non Patent Literature	WERT_final_report_Oct_2001. pdf	766013  7ba4ed83b60d5cf5149b31710e5311dffcf7 86ab	no	78
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12	Non Patent Literature	Wybo_Lonka_- _ETSI_2-26-02. pdf	181240  c12a9de8f0f597baccf3deba762a65db2466 a9fd	no	10
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>			5726317		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><b><u>New Applications Under 35 U.S.C. 111</u></b>  If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><b><u>National Stage of an International Application under 35 U.S.C. 371</u></b>  If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><b><u>New International Application Filed with the USPTO as a Receiving Office</u></b>  If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 13887940  
Filing Date: 2013-05-06  
Applicant: Wood et al.  
Group Art Unit:  
Examiner: N/A  
Title: BROADCAST ALERTING MESSAGE  
AGGREGATOR/GATEWAY SYSTEM AND METHOD  
Attorney Docket: ENIT 9834C3

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT - SUPPLEMENTAL #2**

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant hereby submits a Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS, AND OTHER INFORMATION

The patents, publications and other information requested to be considered by the Office (except unpublished U.S. patent applications) are listed on Form 1449 attached hereto.

II. COPIES

A.  Submitted herewith is a legible copy of (i) each foreign patent; (ii) each publication or that portion which caused it to be listed, other than U.S. patents and U.S. patent application publications unless required by the Office; (iii) each unpublished U.S. application listed below in Section IV (i.e., including the specification, claims, and any drawing of the application, or that portion of the application which caused it to be listed, including any claims directed to that portion), except for such applications filed on or after June 30, 2003, pursuant to the Waiver of the Copy Requirement in 37 C.F.R. 1.98 (OG Notice dated October 19, 2004); and (iv) all other information or that portion which caused it to be listed.

B.  Any patents, publications or other information which are listed on Form 1449 or on the copies of PTO-892, but which are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

ENIT 9834C3

U.S. Serial Number

U.S. Filing Date

C.  This is a PCT application in the entry of the National Phase in the United States. A copy of the International Search Report is attached for the Examiner's information. The documents listed on the International Search report are listed on the attached Form 1449 for consideration by the Examiner and for listing on any patent resulting from this application. If the International Search report was from the US, EPO, or JPO search authorities, copies of these references should have been supplied to the USPTO under the trilateral agreement and are believed to be in the file of the above-identified application. (MPEP 1893.03(g).)

III. CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)

A.  Except as may be indicated below in (B), all of the patents, publications or other information are in the English language (concise explanation not required).

B.  A concise explanation of the relevance of each patent, publication or other information listed that is not in the English language is as follows (see 37 C.F.R. § 1.98(a)(3)):

1.  See the attached foreign patent office communication from a counterpart foreign application:
2.  English translations are provided:
3.  Other: As indicated on the SBO8a attached hereto.

C.  The following additional information is provided for the Examiner's consideration.

IV. CROSS REFERENCE TO RELATED APPLICATION(S)

A.  The Examiner is advised that the following co-pending applications contain subject matter that may be related to the present application. By bringing these applications to the Examiner's attention, Applicants do not waive the confidentiality provisions of 35 U.S.C. § 122.

<u>Serial No.</u>	<u>Filing Date</u>	<u>Art Unit</u>
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V. THIS IDS IS BEING FILED UNDER

A.  **37 C.F.R. § 1.97(b):** (check only one box)

1.  within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) (37 C.F.R. § 1.97(b)(1)). No fee or certification is required.

2.  within three months of the date of entry of the national stage as set forth in § 1.491 in an international application (37 C.F.R. § 1.97(b)(2)). No fee or certification is required.

3.  before the mailing of a first Office Action on the merits (37 C.F.R. § 1.97(b)(3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below; or, if no certification has been made, charge our deposit account a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).

4.  before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No fee or certification is required.

B.  **37 C.F.R. § 1.97(c):** (check only one box)

before the mailing date of either any Final Office Action under 37 C.F.R. § 1.113, a Notice of Allowance under 37 C.F.R. § 1.311, or an action that otherwise closes prosecution.

1.  No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).

2.  See the certification below. No fee is required.

C.  **37 C.F.R. § 1.97(d):**

after the mailing date of either a Final Office Action under 37 C.F.R. § 1.113 or a Notice of Allowance under 37 C.F.R. § 1.311, yet on or before payment of the issue fee.

1.  See the certification below. A fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).

VI. CERTIFICATION UNDER 37 C.F.R. § 1.97(e): (check only one box)

The undersigned hereby certifies that:

A.  each item of information contained in this IDS was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(1)). See further statement under 37 C.F.R. 1.704(d) below in section VII, if applicable; or

B.  no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(2)).

C.  some of the items of information were first cited in a communication from a foreign patent office. As to this information, the undersigned hereby certifies that each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS. A copy of said PCT Search Report is attached.

VII. STATEMENT UNDER 37 C.F.R. 1.704(d)

The undersigned hereby states that:

each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this IDS.

VIII. PAYMENT OF FEES (check only one box)

A.  No fee required.

B.  A check in the amount of \$180.00 is enclosed for the above identified fee.

C.  Please charge Deposit Account No. 162201 in the amount of \$180.00 for the above-indicated fee. A duplicate copy of this paper is attached.

The above references are being cited only in the interest of candor and without any admission that they constitute statutory prior art, contain matter which anticipates the invention, or which would render the same obvious, either singly or in combination, to a person of ordinary skill in the art. Furthermore, this Information Disclosure Statement shall not be construed as a representation that a search has been made.

If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 162201.

Please charge any additional fees or credit any overpayment pursuant to 37 C.F.R. § 1.16 or § 1.17 to Deposit Account No. 162201.

Respectfully submitted,

Dated: February 7, 2014

By: /David L. Howard/  
David L. Howard, Reg. No. 41,502  
Customer No.: 01688  
Polster Lieder Woodruff & Lucchesi L.C.  
12412 Powerscourt Drive, Suite 200  
St. Louis, MO 63131-3615  
Tel. No.: (314) 238-2460  
Fax No.: (314) 238-2401





UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

Table with 7 columns: APPLICATION NUMBER, FILING or 371(c) DATE, GRP ART UNIT, FIL FEE REC'D, ATTY. DOCKET NO, TOT CLAIMS, IND CLAIMS. Row 1: 13/887,940, 05/06/2013, 2649, 800, ENIT 9834C3, 20, 2

CONFIRMATION NO. 7639

UPDATED FILING RECEIPT



1688
Polster, Lieder, Woodruff & Lucchesi, L.C.
12412 Powerscourt Dr. Suite 200
St. Louis, MO 63131-3615

Date Mailed: 02/18/2014

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections

Inventor(s)

Mark Andrew Wood, Haslemere, UNITED KINGDOM;
Kevin Russell Preston, Gwent, UNITED KINGDOM;
Douglas Weiser, Port Richey, FL;

Applicant(s)

ENVISIONIT LLC, St. Charles, MO

Assignment For Published Patent Application

ENVISIONIT LLC., St. Charles, MO

Power of Attorney: None

Domestic Priority data as claimed by applicant

This application is a CON of 13/311,448 12/05/2011 PAT 8438221
which is a CON of 12/559,405 09/14/2009 PAT 8073903
which is a CON of 11/057,704 02/14/2005 PAT 7752259
which claims benefit of 60/544,739 02/13/2004

Foreign Applications for which priority is claimed (You may be eligible to benefit from the Patent Prosecution Highway program at the USPTO. Please see http://www.uspto.gov for more information.) - None.

Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Permission to Access - A proper Authorization to Permit Access to Application by Participating Offices (PTO/SB/39 or its equivalent) has been received by the USPTO.

If Required, Foreign Filing License Granted: 06/04/2013

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 13/887,940**

**Projected Publication Date:** Not Applicable

**Non-Publication Request:** No

**Early Publication Request:** No

**\*\* SMALL ENTITY \*\***

**Title**

BROADCAST ALERTING MESSAGE AGGREGATOR/GATEWAY SYSTEM AND METHOD

**Preliminary Class**

455

**Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications:** No

### **PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

**LICENSE FOR FOREIGN FILING UNDER**  
**Title 35, United States Code, Section 184**  
**Title 37, Code of Federal Regulations, 5.11 & 5.15**

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The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

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The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The U.S. offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to promote and facilitate business investment. SelectUSA provides information assistance to the international investor community; serves as an ombudsman for existing and potential investors; advocates on behalf of U.S. cities, states, and regions competing for global investment; and counsels U.S. economic development organizations on investment attraction best practices. To learn more about why the United States is the best country in the world to develop technology, manufacture products, deliver services, and grow your business, visit <http://www.SelectUSA.gov> or call +1-202-482-6800.

**PATENT APPLICATION FEE DETERMINATION RECORD**

Substitute for Form PTO-875

Application or Docket Number  
13/887,940

**APPLICATION AS FILED - PART I**

		(Column 1)	(Column 2)	SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
FOR		NUMBER FILED	NUMBER EXTRA	RATE(\$)	FEE(\$)		RATE(\$)	FEE(\$)
BASIC FEE (37 CFR 1.16(a), (b), or (c))		N/A	N/A	N/A	70		N/A	
SEARCH FEE (37 CFR 1.16(k), (l), or (m))		N/A	N/A	N/A	300		N/A	
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))		N/A	N/A	N/A	360		N/A	
TOTAL CLAIMS (37 CFR 1.16(i))		20	minus 20 = *	x 40 =	0.00	OR		
INDEPENDENT CLAIMS (37 CFR 1.16(h))		2	minus 3 = *	x 210 =	0.00			
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).				0.00			
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))					0.00			
				TOTAL	730		TOTAL	

\* If the difference in column 1 is less than zero, enter "0" in column 2.

**APPLICATION AS AMENDED - PART II**

		(Column 1)	(Column 2)	(Column 3)	SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		RATE(\$)	ADDITIONAL FEE(\$)
	Total (37 CFR 1.16(i))	*	Minus **	**	x	=	OR	x	=
	Independent (37 CFR 1.16(h))	*	Minus ***	***	x	=	OR	x	=
	Application Size Fee (37 CFR 1.16(s))						OR		
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						OR		
				TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE		
AMENDMENT B		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		RATE(\$)	ADDITIONAL FEE(\$)
	Total (37 CFR 1.16(i))	*	Minus **	**	x	=	OR	x	=
	Independent (37 CFR 1.16(h))	*	Minus ***	***	x	=	OR	x	=
	Application Size Fee (37 CFR 1.16(s))						OR		
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						OR		
				TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE		

\* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.  
 \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".  
 \*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".  
 The "Highest Number Previously Paid For" (Total or Independent) is the highest found in the appropriate box in column 1.



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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
13/887,940	05/06/2013	Mark Andrew Wood	ENIT 9834C3

**CONFIRMATION NO. 7639**

1688  
Polster, Lieder, Woodruff & Lucchesi, L.C.  
12412 Powerscourt Dr. Suite 200  
St. Louis, MO 63131-3615

**NOTICE**



Date Mailed: 02/18/2014

**INFORMATIONAL NOTICE TO APPLICANT**

Applicant is notified that the above-identified application contains the deficiencies noted below. No period for reply is set forth in this notice for correction of these deficiencies. However, if a deficiency relates to the inventor's oath or declaration, the applicant must file an oath or declaration in compliance with 37 CFR 1.63, or a substitute statement in compliance with 37 CFR 1.64, executed by or with respect to each actual inventor no later than the expiration of the time period set in the "Notice of Allowability" to avoid abandonment. See 37 CFR 1.53(f).

The item(s) indicated below are also required and should be submitted with any reply to this notice to avoid further processing delays.

- A properly executed inventor's oath or declaration has not been received for the following inventor(s):  
all

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**

**I hereby declare that:**

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventors named below to be the original and first inventors of the subject matter that is claimed and for which a patent is sought on the invention entitled **BROADCAST ALERTING MESSAGE AGGREGATOR/GATEWAY SYSTEM AND METHOD**, the specification of which was filed on May 6, 2013 as United States Application Number 13/887,940 and as attorney docket number ENIT 9834C3.

"The above-identified application was made or authorized to be made by me.

I believe I am the original or an original joint inventor of a claimed invention in the application."

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, or other intellectual property office in which a foreign application claiming priority to the above-identified application is filed to have access to the application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the application-as-filed with respect to: 1) the above-identified application, 2) any foreign application to which the above-identified application claims priority under 35 USC 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified US application, and 3) any U.S. application form which benefit is sought in the above-identified application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States Provisional Applications listed below:

<u>60/544,739</u>	<u>2/13/04</u>
Application Number	Filing Date

I hereby claim the benefit under Title 35, United States Code, §120 of any United States applications listed below:

<u>13/311,448</u>	<u>12-05-11</u>	<u>Patented (Patent No. 8438221)</u>
-------------------	-----------------	--------------------------------------

ENIT 9834C3

(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
<u>12/559,405</u>	<u>9/14/09</u>	<u>Patented (Patent No. 8073903)</u> 1
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
<u>11/057,704</u>	<u>2/14/05</u>	<u>Patented (Patent No. 7752259)</u>
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)

I hereby appoint the registered attorneys associated with **Customer Number 001688** to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Address all correspondence to **Customer Number 001688**.


Direct all telephone calls to David Howard at Telephone No. (314) 238-2400.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of First Inventor: Mark Andrew Wood

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Residence: City of Haselmere, Surrey  
 Citizenship: Great Britain  
 Post Office Address: 3 Lion Lane, Haselmere, Surrey GB GU17 1JF

Full name of Second Inventor: Kevin Russell Preston

Inventor's Signature:  \_\_\_\_\_ Date: 10/06/2014  
 Residence: City of Newport  
 Citizenship: Great Britain  
 Post Office Address: Stonegate, Glasllwch Lane  
 Newport, NP20 3PR, UK

Full name of Third Inventor: Douglas Weiser

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Residence: City of New Port Richey, State of Florida  
 Citizenship: US  
 Post Office Address: 4218 Rudder Way, New Port Richey, FL 34652

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**

**I hereby declare that:**

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventors named below to be the original and first inventors of the subject matter that is claimed and for which a patent is sought on the invention entitled **BROADCAST ALERTING MESSAGE AGGREGATOR/GATEWAY SYSTEM AND METHOD**, the specification of which was filed on May 6, 2013 as United States Application Number 13/887,940 and as attorney docket number ENIT 9834C3.

"The above-identified application was made or authorized to be made by me.

I believe I am the original or an original joint inventor of a claimed invention in the application."

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, or other intellectual property office in which a foreign application claiming priority to the above-identified application is filed to have access to the application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the application-as-filed with respect to: 1) the above-identified application, 2) any foreign application to which the above-identified application claims priority under 35 USC 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified US application, and 3) any U.S. application form which benefit is sought in the above-identified application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States Provisional Applications listed below:

<u>60/544,739</u>	<u>2/13/04</u>
Application Number	Filing Date

I hereby claim the benefit under Title 35, United States Code, §120 of any United States applications listed below:

<u>13/311,448</u>	<u>12-05-11</u>	<u>Patented (Patent No. 8438221)</u>
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ENIT 9834C3

Page 1 of 2



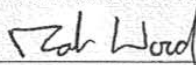
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
<u>12/559,405</u>	<u>9/14/09</u>	<u>Patented (Patent No. 8073903)</u>
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
<u>11/057,704</u>	<u>2/14/05</u>	<u>Patented (Patent No. 7752259)</u>
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)

I hereby appoint the registered attorneys associated with **Customer Number 001688** to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.


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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of First Inventor: Mark Andrew Wood  
 Inventor's Signature:  Date: 5/JUNE/2014  
 Residence: City of Haselmere, Surrey  
 Citizenship: Great Britain  
 Post Office Address: 3 Lion Lane, Haselmere, Surrey GB GU17 1JF

Full name of Second Inventor: Kevin Russell Preston  
 Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Residence: City of Newport  
 Citizenship: Great Britain  
 Post Office Address: Stonegate, Glasllwch Lane  
 Newport, NP20 3PR, UK

Full name of Third Inventor: Douglas Weiser  
 Inventor's Signature:  Date: May 7, 2014  
 Residence: City of New Port Richey, State of Florida  
 Citizenship: US  
 Post Office Address: 4218 Rudder Way, New Port Richey, FL 34652

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	19284406
<b>Application Number:</b>	13887940
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	7639
<b>Title of Invention:</b>	BROADCAST ALERTING MESSAGE AGGREGATOR/GATEWAY SYSTEM AND METHOD
<b>First Named Inventor/Applicant Name:</b>	Mark Andrew Wood
<b>Customer Number:</b>	1688
<b>Filer:</b>	David L. Howard
<b>Filer Authorized By:</b>	
<b>Attorney Docket Number:</b>	ENIT 9834C3
<b>Receipt Date:</b>	12-JUN-2014
<b>Filing Date:</b>	06-MAY-2013
<b>Time Stamp:</b>	14:58:00
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
------------------------	----

### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Oath or Declaration filed	ENIT_9834C3_Executed_Wood_and_Weiser_Dec.pdf	328917 38ef077b988075953be9553bd2e70d182c4ee81b	no	2

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The page size in the PDF is too large. The pages should be 8.5 x 11 or A4. If this PDF is submitted, the pages will be resized upon entry into the Image File Wrapper and may affect subsequent processing

**Information:**

2	Oath or Declaration filed	ENIT_9834C3_Executed_Preston_Dec.pdf	166579 <small>609cbed4371dd556fb896453c9dd081673f21</small>	no	2
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**Warnings:**

**Information:**

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## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S7	3	("8073903" "8438221" "7752259").pn.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2014/07/25 09:38
S8	1	13/887940	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2014/07/25 09:44
S9	1	"6480578".pn.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2014/07/25 10:54
S10	551	authority near10 (broadcast\$3 transmit\$4 send\$3) near10 (area region location)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2014/07/25 10:57
S11	102	"455"/\$.cls. and S10	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2014/07/25 10:57
S12	54	"709"/\$.cls. and S10	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2014/07/25 10:58
S13	27	"370"/\$.cls. and S10	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2014/07/25 10:58
S15	69	authority near10 broadcast\$3 near10 (area region location)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2014/07/25 11:52
S16	121	(authoriz\$3 authorization permission\$1) near10 broadcast\$3 near10 area	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2014/07/25 11:55
S20	183	(authoriz\$3 authorization authority privilege\$1 authenticat\$4 right\$1 permission\$1 permit\$4) near10 (send\$3 transmit\$4) near10 broadcast\$3 near10 (area region location)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2014/07/25 12:12
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S25	984	broadcast\$3 near10 (alert\$3 alarm\$3 emergenc\$3) near10 (area region location) same (user\$1 device\$1 recipient\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2014/07/25 14:20

## EAST Search History

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S30	13229	H04W4/02-04.cpc.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2014/07/25 14:22
S32	142	S25 and S30	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2014/07/25 14:22
S33	15869	H04L67/18-26.cpc.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2014/07/25 14:23
S34	72	S25 and S33	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2014/07/25 14:23
S35	38	(authoriz\$3 authorization permission\$1 authority) near10 broadcast\$3 same jurisdiction	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2014/07/26 08:31
S36	26	ENVISIONIT.as.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2014/07/26 08:44
S37	29	WEISER near2 DOUGLAS.in.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2014/07/26 08:45
S38	43	PRESTON near2 KEVIN.in.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2014/07/26 08:45
S39	306	WOOD near2 MARK.in.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2014/07/26 08:45
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S41	119	H04L\$.cpc. and S40	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2014/07/26 22:00
S42	219	H04W\$.cpc. and S40	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2014/07/26 22:00
S44	102	G06F\$.cpc. and S40	US-PGPUB; USPAT; EPO; JPO;	OR	OFF	2014/07/26 22:00

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			IBM_TDB			
S45	978	H04L12/1895.cpc. H04L51/20.cpc.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2014/07/28 07:28
S46	984	broadcast\$3 near10 (alert\$3 alarm\$3 emergenc\$3) near10 (area region location) same (user\$1 device\$1 recipient\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2014/07/28 07:28
S47	62	S45 and S46	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2014/07/28 07:28
S48	2985	broadcast\$3 near10 message\$1 near10 (area region location) same (user\$1 device\$1 recipient\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2014/07/28 07:29
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7/ 28/ 2014 7:53:16 AM

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	Filing Date	2013-05-06
	First Named Inventor	Wood, et al.
	Art Unit	
	Examiner Name	
	Attorney Docket Number	ENIT 9834C3

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First Named Inventor	Wood, et al.
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Examiner Name	
Attorney Docket Number	ENIT 9834C3

1	CMG Emergency Broadcast ETSI -Emergency Telecommunications 2001	<input type="checkbox"/>
2	CMG Cell Broadcast System E112 - Wireless Emergency Services November 2001	<input type="checkbox"/>
3	Inmarsat, TC SES: Inmarsat GMDSS Satellite System - Enhancing Maritime Safety, Papaharalabos and Mullan, January 22, 2002	<input type="checkbox"/>
4	ETSI Workshop on Emergency Telecommunications , No-presented papers, S. Antipolis, February 26 and 27, 2002	<input type="checkbox"/>
5	Folts Issues For Standards Development Being Pursued For The Emergency Telecommunications Service, V1.3, February 1, 2002	<input type="checkbox"/>
6	Folts The Emergency Telecommunications Service (ETS) in Evolving Networks, November 14, 2001, Version 3.0	<input type="checkbox"/>
7	GSMA Disaster Response, Mobile Network Public Warning Systems and the Rise of Cell-Broadcast, January 2013	<input type="checkbox"/>
8	GIS in Emergency Management as a Core Information System and Related New Requirements to Emergency Telecommunication, Trnka and Sivertun	<input type="checkbox"/>
9	Wireless Emergency Response Team (WERT), Final Report for the September 11, 2001 New York City World Trade Center Terrorist Attack, October 2001	<input type="checkbox"/>
10	Emergency Management and Information Society, How to Improve the Synergy?, Wybo and Lonka, ETSI February 26 and 27, 2002	<input type="checkbox"/>

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Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

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See attached certification statement.

The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

A certification statement is not submitted herewith.

**SIGNATURE**

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	s/David L. Howard/	Date (YYYY-MM-DD)	2014-02-07
Name/Print	David L. Howard	Registration Number	41502

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	Filing Date		2013-05-06	
	First Named Inventor	Wood, et al.		
	Art Unit			
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	1	441720	JP		2000-08-18			<input type="checkbox"/>
	2	0030379	WO		2000-05-25			<input type="checkbox"/>
	3	9605678	WO		1996-02-22			<input type="checkbox"/>

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4	9849661	WO		1998-11-05			<input type="checkbox"/>
5	0145061	WO		2001-06-21			<input type="checkbox"/>
6	0157724	WO		2001-08-09			<input type="checkbox"/>
7	0189150	WO		2001-11-22			<input type="checkbox"/>
8	0371392	WO		2003-08-28			<input type="checkbox"/>
9	0377063	WO		2003-09-18			<input type="checkbox"/>
10	0579421	WO		2005-09-01			<input type="checkbox"/>
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	1	3rd Generation Partnership Project TS 23.246, Release 6, September 2004	<input type="checkbox"/>
	2	Bharat Sanchar Nigam Limited, "Value Added Services in GSM", Engineering Instruction, 04 May 2005; <a href="http://www.bsnl.co.in/service/mobile%20voice%20based%20service.htm">http://www.bsnl.co.in/service/mobile voice based service.htm</a>	<input type="checkbox"/>
	3	British Parliament Debates CellAlert Service for the UK, May 13, 2003, <a href="http://www.ceasa.us/news.htm">www.ceasa.us/news.htm</a>	<input type="checkbox"/>
	4	Canadian Contract No. 5007441, 23 July 2003; <a href="http://72.14.203.104/search?q=cache:piSqEswBv74J:strategis.ic.gc.ca/epic/internet/inet-td">http://72.14.203.104/search?q=cache:piSqEswBv74J:strategis.ic.gc.ca/epic/internet/inet-td</a>	<input type="checkbox"/>
	5	Canadians want Emergency-Location Services, by Dave Ebner, April 11, 2003, <a href="http://www.ceasa.us/news.htm">www.ceasa.us/news.htm</a>	<input type="checkbox"/>
	6	CEASA, "Cell Alert System Via Cell Broadcast, Wood, September 2005, <a href="http://www.eglobalconf.net/speeches/MarkWood.ppt">www.eglobalconf.net/speeches/MarkWood.ppt</a>	<input type="checkbox"/>
	7	CEASA; News and Events, "News", 14 January 2005-June 2005, <a href="http://www.ceasa-international.org/news.html">http://www.ceasa-international.org/news.html</a>	<input type="checkbox"/>
	8	CEASA, "Text Message Broadcasts Could Provide Disaster Alerts" 28 July 2005, <a href="http://ceasa-international.com/usa/index2.php?option=comcontent&amp;task=view&amp;id=1&amp;Ite">http://ceasa-international.com/usa/index2.php?option=comcontent&amp;task=view&amp;id=1&amp;Ite</a>	<input type="checkbox"/>
	9	CEASA International, "Public Warnings Via Cell Broadcast". Wood and Weiser, 24 May 2005, <a href="http://www.ceasa-int.org">http://www.ceasa-int.org</a>	<input type="checkbox"/>

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10	CEASA International, "Welcome to CEASa USA", Ceasa Admin, 12 June 2004, <a href="http://ceasa-international.com">http://ceasa-international.com</a>	<input type="checkbox"/>
11	Cellular Emergency Alert Services Association, February 21, 2003, CellAlert Services Corporate Structure, <a href="http://www.ceasa.us/news.htm">www.ceasa.us/news.htm</a>	<input type="checkbox"/>
12	Chinese Office Action (page 1 with cited reference EP 1032148) <del>October 23, 2009</del>	<input type="checkbox"/>
13	CSEC "wireless Implementation & Maintenance, Service Notification & Testing Notification Policies and Procedures", 19 April 2002, <a href="http://www.911.state.tx.us/files/pdfs/resources/call_take.xls">http://www.911.state.tx.us/files/pdfs/resources/call_take.xls</a>	<input type="checkbox"/>
14	Deaf Today, "Disability Group Backs Cingular/AWS Merger, Silva, 04 June 2004, <a href="http://www.deaftoday.com/news/archives/004848.html">http://www.deaftoday.com/news/archives/004848.html</a>	<input type="checkbox"/>
15	Engadget, "Dutch Testing Geo-Targeted SMS Emergency Broadcast System", Ricker, 08 October 2005, <a href="http://engadget.com/entry/12340005900692252">http://engadget.com/entry/12340005900692252</a>	<input type="checkbox"/>
16	ETSI TS 123.246, Universal Mobile Telecommunications Systems (UMTS); Multimedia Broadcast/Multicast Service (MBMS); Architecture and functional description (3GPP TS 23.246 version 6.6.0 Release 6) (2005-03)	<input type="checkbox"/>
17	Global Amateur Radio Emergency Communications Conference, Tampere, Finland, 13-14 June 2005, "What is 'Cell Broadcasting' and Why do I care, as a HAM?", Wood, <a href="http://www.rientola.fi/oh3ag/garec/documents/Cellalert.ppt">www.rientola.fi/oh3ag/garec/documents/Cellalert.ppt</a>	<input type="checkbox"/>
18	International Search Report, date of mailing July 17, 2006 received from the International Searching Authority	<input type="checkbox"/>
19	International Telecommunication Union, "Cell Broadcast Broker System" M. Wood, Cell Alert Services Corp., 18 Feb 2003, <a href="http://www.itu.int/itudoc/itu-t/workshop/ets/isd3-001.html">http://www.itu.int/itudoc/itu-t/workshop/ets/isd3-001.html</a>	<input type="checkbox"/>
20	Messaging Network, Bercut Limited, "Broadcast for the Masses", Sergey Ermilov, 2 March 2005, <a href="http://www.bercut.biz">http://www.bercut.biz</a>	<input type="checkbox"/>

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21	MobileIN.com Perspective, "Cell Broadcasting Technical Primer", Wood, September 2005, <a href="http://www.mobilein.com/Perspectives/Authors/CB_Primer.htm">http://www.mobilein.com/Perspectives/Authors/CB_Primer.htm</a>	<input type="checkbox"/>
22	MobileIN.com Perspective, "History and Importance of Cell Broadcast", Wood, September 2005, <a href="http://www.mobilein.com/Perspectives/Authors/CB_HistoryImportance.htm">http://www.mobilein.com/Perspectives/Authors/CB_HistoryImportance.htm</a>	<input type="checkbox"/>
23	News from Senator John Edwards, North Carolina, April 3, 2003, Senate Okays Edwards Emergency Warning Bill, <a href="http://www.ceasa.us/news.htm">www.ceasa.us/news.htm</a>	<input type="checkbox"/>
24	News scientist.com, "Text Message Broadcasts Could Provide Disaster Alerts", 06 January 2005, <a href="http://www.news scientist.com/article.ns?id=dn6852">http://www.news scientist.com/article.ns?id=dn6852</a>	<input type="checkbox"/>
25	OCG-EMTEL Archives, "Cell Broadcast Public Demonstration in USA Successful", Wood, 19 September 2004, <a href="http://list.etsi.fr/scripts/wa.exe?A2=ind0409&amp;L=ocg_emptel&amp;T=O&amp;F=&amp;S=&amp;P=693">http://list.etsi.fr/scripts/wa.exe?A2=ind0409&amp;L=ocg_emptel&amp;T=O&amp;F=&amp;S=&amp;P=693</a>	<input type="checkbox"/>
26	RCR, Cell-Broadcast Service Gets Second Look, Jeffrey Silva, November 10, 2003, <a href="http://www.ceasa.us/news.htm">www.ceasa.us/news.htm</a>	<input type="checkbox"/>
27	Recommendation 12 (WTDC-02), The World Telecommunication Development Conference (Instabul 2002)	<input type="checkbox"/>
28	SMS News, "Text Message Broadcasts Could Provide Disaster Alerts", 07 January 2005, <a href="http://www.sendsmsnow.com/newspage.php?id=44">http://www.sendsmsnow.com/newspage.php?id=44</a>	<input type="checkbox"/>
29	Stanford University, EE179 "Introduction to Communications, Professor Andrea Goldsmith, Winter 2005, <a href="http://www.stanford.edu/class/ee179">http://www.stanford.edu/class/ee179</a>	<input type="checkbox"/>
30	TeliaSonera, "Mobile Broadcast/Multicast Service (MBMS)", MediaLab, August 2004, <a href="http://www.medialab.sonera.fi">www.medialab.sonera.fi</a>	<input type="checkbox"/>
31	Text Message Warns of "killer flu" hot spots, April 20, 2003, <a href="http://www.ceasa.us/news.htm">www.ceasa.us/news.htm</a>	<input type="checkbox"/>



<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number	13887940
	Filing Date	2013-05-06
	First Named Inventor	Wood, et al.
	Art Unit	
	Examiner Name	
	Attorney Docket Number	ENIT 9834C3

32	The Cellular Emergency Alert Services Association Policy Statement, August 5, 2002, <a href="http://www.ceasa.us/news.htm">http://www.ceasa.us/news.htm</a>	<input type="checkbox"/>
33	The Wall Street Journal Online, Local Governments Look to Cellphone-Based Alerts, Carl Bialik, June 12, 2003, <a href="http://www.ceasa.us/news.htm">www.ceasa.us/news.htm</a>	<input type="checkbox"/>
34	Japanese Office Action for Corresponding Japanese Patent Application Number 2008-542406 mailed October 4, 2011	<input checked="" type="checkbox"/>
35	Yoshiro ICHIOKA et al., Urban Community Information System Using Simple Infrared Broadcasting Telecommunication Protocol, Journal of Electronics, Information and Communication Engineers, Japan, The Institute of Electronics, Information and Communication Engineers, July 1, 2001, Vol. J84-B, No. 7 pp. 1299-1310	<input checked="" type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button **Add**

**EXAMINER SIGNATURE**

Examiner Signature	/Joshua Joo/	Date Considered	07/25/2014
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number	13887940
	Filing Date	2013-05-06
	First Named Inventor	Wood, et al.
	Art Unit	
	Examiner Name	
	Attorney Docket Number	ENIT 9834C3

**CERTIFICATION STATEMENT**

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

**OR**

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

See attached certification statement.

The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

A certification statement is not submitted herewith.

**SIGNATURE**

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/David L. Howard/	Date (YYYY-MM-DD)	2013-06-17
Name/Print	David L. Howard	Registration Number	41502

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

## Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
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3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
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5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.J./

<b>Notice of References Cited</b>	Application/Control No. 13/887,940	Applicant(s)/Patent Under Reexamination WOOD ET AL.	
	Examiner JOSHUA JOO	Art Unit 2445	Page 1 of 1

**U.S. PATENT DOCUMENTS**

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A US-6,480,578	11-2002	Allport, Douglas C.	379/48
*	B US-7,184,744	02-2007	Schnabel, Jon William	455/404.2
*	C US-2004/0103158	05-2004	Vella et al.	709/206
*	D US-2004/0192258	09-2004	Atkin et al.	455/412.1
*	E US-2005/0013417	01-2005	Zimmers et al.	379/037
*	F US-2009/0077045	03-2009	Kirchmeier et al.	707/3
	G US-			
	H US-			
	I US-			
	J US-			
	K US-			
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	M US-			

**FOREIGN PATENT DOCUMENTS**

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N				
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	P				
	Q				
	R				
	S				
	T				

**NON-PATENT DOCUMENTS**

*	Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U
	V
	W
	X

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/887,940	05/06/2013	Mark Andrew Wood	ENIT 9834C3	7639
1688	7590	07/31/2014	EXAMINER	
Polster, Lieder, Woodruff & Lucchesi, L.C.			JOO, JOSHUA	
12412 Powerscourt Dr. Suite 200			ART UNIT	PAPER NUMBER
St. Louis, MO 63131-3615			2445	
			MAIL DATE	DELIVERY MODE
			07/31/2014	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 13/887,940	<b>Applicant(s)</b> WOOD ET AL.	
	<b>Examiner</b> JOSHUA JOO	<b>Art Unit</b> 2445	<b>AIA (First Inventor to File) Status</b> No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1)  Responsive to communication(s) filed on 6 May 2013.  
 A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on \_\_\_\_\_.
- 2a)  This action is **FINAL**.                      2b)  This action is non-final.
- 3)  An election was made by the applicant in response to a restriction requirement set forth during the interview on \_\_\_\_\_; the restriction requirement and election have been incorporated into this action.
- 4)  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims\***

- 5)  Claim(s) 1-20 is/are pending in the application.  
5a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 6)  Claim(s) \_\_\_\_\_ is/are allowed.
- 7)  Claim(s) 1-20 is/are rejected.
- 8)  Claim(s) \_\_\_\_\_ is/are objected to.
- 9)  Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

\* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see [http://www.uspto.gov/patents/init\\_events/pph/index.jsp](http://www.uspto.gov/patents/init_events/pph/index.jsp) or send an inquiry to [PPHfeedback@uspto.gov](mailto:PPHfeedback@uspto.gov).

**Application Papers**

- 10)  The specification is objected to by the Examiner.
- 11)  The drawing(s) filed on 6 May 2013 is/are: a)  accepted or b)  objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

**Priority under 35 U.S.C. § 119**

- 12)  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

**Certified copies:**

- a)  All    b)  Some\*\*    c)  None of the:
1.  Certified copies of the priority documents have been received.
  2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3.  Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\*\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1)  Notice of References Cited (PTO-892)
- 2)  Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b)  
Paper No(s)/Mail Date 6/18/13, 2/7/14.
- 3)  Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 4)  Other: \_\_\_\_\_.

### ***Detailed Action***

The present application is being examined under the pre-AIA first to invent provisions.

Claims 1-20 are pending in the application.

### **Information Disclosure Statement**

The information disclosure statements (IDS) submitted on June 18, 2013 are in compliance with the provisions of 37 CFR 1.97, and accordingly, the IDS have been considered by the Examiner.

Regarding the IDS submitted on February 7, 2014, cite no. 1 under non-patent literature document was not considered because a copy of the publication was not provided.

### **Double Patenting**

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the “right to exclude” granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory double patenting rejection is appropriate where the claims at issue are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the reference application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement. A terminal disclaimer must be signed in compliance with 37 CFR 1.321(b).

The USPTO internet Web site contains terminal disclaimer forms which may be used. Please visit <http://www.uspto.gov/forms/>. The filing date of the application will determine what form should be used. A web-based eTerminal Disclaimer may be filled out completely online using web-screens. An eTerminal Disclaimer that meets all requirements is auto-processed and approved immediately upon submission. For more information about eTerminal Disclaimers, refer to <http://www.uspto.gov/patents/process/file/efs/guidance/eTD-info-I.jsp>.

Claims 1-20 are rejected on the ground of nonstatutory double patenting as being unpatentable over claims 1-4, 6, 8-18 of U.S. Patent No. 8,438,221 (hereinafter Patent ‘221).

Although the claims at issue are not identical, they are not patentably distinct from each other because claims of Patent '221 substantially discloses the subject matter of the instant application with variation in wording and the differences being obvious to one of ordinary skill in art.

Instant Application	Patent '221
<p>1. A message broadcast system for collecting broadcast messages from a plurality of broadcast message originators and providing a broadcast message to a plurality of broadcast message transmission systems for broadcasting to a plurality of user devices located within a geographically defined broadcast target area, the system comprising:</p>	<p>1. A message alert broadcast broker system for providing a broadcast message to a plurality of user devices located within a geographically defined broadcast target area, the system comprising:</p>
<p>a broadcast message management system communicatively coupled for receiving broadcast message requests from a plurality of coupled broadcast agent message origination systems, each broadcast request being from a different originating broadcast agent associated one of the coupled broadcast agent message origination systems, the broadcast request including a broadcast agent identification, the geographically defined broadcast target area, and a broadcast message, the system receiving the plurality of broadcast message requests, verifying the broadcast request as a function of the broadcast agent identification, and an authority of the originating broadcast agent to send the particular broadcast message to the broadcast target area of the broadcast message request,</p>	<p>a broadcast service bureau communicatively coupled for receiving from one of a plurality of coupled broadcast agent access systems providing a broadcast request from an originating broadcast agent associated one broadcast agent message origination systems, the broadcast request including a broadcast agent identification, the geographically defined broadcast target area, and a broadcast message, the broadcast service bureau having a stored geographically defined broadcast message jurisdiction for the originating broadcast agent and configured for verifying the broadcast request as a function of the broadcast agent identification including an authority of the originating broadcast agent to send the broadcast message to the broadcast target area by comparing the stored geographically defined broadcast message jurisdiction for the originating broadcast agent with the broadcast target area associated with the broadcast message in the broadcast request,</p>
<p>the system further identifying one or more of the broadcast message transmission systems serving at least a portion of the broadcast target area for the broadcast request, and transmitting the broadcast message and the broadcast target area to the identified broadcast message transmission system.</p>	<p>the broadcast service bureau processing the verified broadcast request for transmission to one or more broadcast message networks providing broadcast message alerting service to at least a portion of the broadcast target area.</p> <p>2. The system of claim 1 wherein the broadcast service bureau is configured for receiving the broadcast request, and identifying the one or more broadcast message networks from among a plurality of coupled broadcast message networks, providing message alerting service to at least a portion of the broadcast target area.</p>



Instant Application	Patent '221
17. A method of collecting broadcast messages from a plurality of broadcast message originators and providing a broadcast message to a plurality of broadcast message transmission systems for broadcasting to a plurality of user devices located within a geographically defined broadcast target area, the method comprising:	19. A method of public service broadcast messaging to a broadcast target area, the method comprising:
receiving over an input interface a plurality of broadcast requests each including a broadcast agent identification, a geographically defined broadcast target area, and a broadcast message from one of a plurality of coupled broadcast agent message origination systems;	receiving over an input interface a broadcast request including a broadcast agent identification, a geographically defined broadcast target area, and a broadcast message from one of a plurality of coupled broadcast agent message origination systems;
	storing a geographically defined broadcast message jurisdiction for a broadcast agent;
verifying an authority of the broadcast agent identification including an authority of the originating broadcast agent to send the broadcast message to the broadcast target area; and	verifying an authority of the broadcast agent identification including an authority of the originating broadcast agent to send the broadcast message to the broadcast target area by comparing the stored geographically defined broadcast message jurisdiction for the originating broadcast agent with the broadcast target area associated with the broadcast message in the broadcast request; and
transmitting the broadcast message over an output interface to one or more coupled broadcast message transmission systems providing broadcast message alerting service to at least a portion of the broadcast target area.	transmitting the broadcast message over an output interface to one or more coupled broadcast message networks providing broadcast message alerting service to at least a portion of the broadcast target area.

Claims 1 and 19 of Patent '221 recites receiving a broadcast request from one of a plurality of coupled broadcast agent message origination systems but not a plurality of broadcast request. However, it would have been obvious to one of ordinary skill in the art to receive a plurality of broadcast request as the system and corresponding method recites a plurality of broadcast agent message origination systems to provide requests and for the system and corresponding method to be able to transmit broadcast message more than one time.

Claims 2-16 are unpatentable over claims 3-4, 6, 8-18 of Patent '221.

Claims 18-20 are unpatentable over 12, 17-18 of Patent '221.

Claims 1, 3, 5-7, and 17 are rejected on the ground of nonstatutory double patenting as being unpatentable over claims 1-3, 5, and 15 of U.S. Patent No. 8,073,903 (hereinafter Patent '903).

Although the claims at issue are not identical, they are not patentably distinct from each other because claims of Patent 903 substantially discloses the subject matter of the instant application with variation in wording and the differences being obvious to one of ordinary skill in art.

<b>Instant Application</b>	<b>Patent '903</b>
1. A message broadcast system for collecting broadcast messages from a plurality of broadcast message originators and providing a broadcast message to a plurality of broadcast message transmission systems for broadcasting to a plurality of user devices located within a geographically defined broadcast target area, the system comprising:	1. A message alert broadcast broker system for providing a broadcast message to a plurality of user devices located within a geographically defined broadcast target area, the system comprising:
a broadcast message management system communicatively coupled for receiving broadcast message requests from a plurality of coupled broadcast agent message origination systems, each broadcast request being from a different originating broadcast agent associated one of the coupled broadcast agent message origination systems, the broadcast request including a broadcast agent identification, the geographically defined broadcast target area, and a broadcast message, the system receiving the plurality of broadcast message requests, verifying the broadcast request as a function of the broadcast agent identification, and an authority of the originating broadcast agent to send the particular broadcast message to the broadcast target area of the broadcast message request,	a broadcast service bureau communicatively coupled for receiving from one of a plurality of coupled broadcast agent access systems providing a broadcast request from an originating broadcast agent associated one broadcast agent access system, the broadcast request including a broadcast agent identification, the geographically defined broadcast target area, a broadcast message, and a broadcast channel code, the broadcast service bureau configured for verifying the broadcast request as a function of the broadcast agent identification including an authority of the originating broadcast agent to send the broadcast message to the broadcast target area using the broadcast channel code,
the system further identifying one or more of the broadcast message transmission systems serving at least a portion of the broadcast target area for the broadcast request, and transmitting the broadcast message and the broadcast target area to the identified broadcast message transmission system.	the broadcast service bureau processing the verified broadcast request for transmission to one or more mobile telephone networks providing service to at least a portion of the broadcast target area of the broadcast request.
	2. The system of claim 1, further comprising a carrier broadcast center coupled to the broadcast

	<p>service bureau configured for receiving the broadcast request, identifying the one or more mobile telephone networks providing service to at least a portion of the broadcast target area, converting the broadcast target area to network addresses of network transmission devices serving the broadcast target area including determining particular network transmission devices serving at least a portion of the broadcast target area, and identifying the network addresses for each determined particular network transmission device and transmitting the broadcast message and broadcast channel code to the network addresses of the particular network transmission devices for transmission by the particular network transmission devices to user receiving devices over a broadcast channel associated with the broadcast channel code.</p>
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<b>Instant Application</b>	<b>Patent '903</b>
<p>17. A method of collecting broadcast messages from a plurality of broadcast message originators and providing a broadcast message to a plurality of broadcast message transmission systems for broadcasting to a plurality of user devices located within a geographically defined broadcast target area, the method comprising:</p>	<p>15. A method of public service broadcast messaging to a broadcast target area, the method comprising:</p>
<p>receiving over an input interface a plurality of broadcast requests each including a broadcast agent identification, a geographically defined broadcast target area, and a broadcast message from one of a plurality of coupled broadcast agent message origination systems;</p>	<p>hosting a broadcast agent webpage;                      receiving a broadcast request including a geographically defined broadcast target area, a broadcast message and one or more broadcast channel codes from the broadcast agent webpage;</p>
<p>verifying an authority of the broadcast agent identification including an authority of the originating broadcast agent to send the broadcast message to the broadcast target area; and</p>	<p>verifying an authority of a broadcast agent accessing the broadcast agent webpage and generating the broadcast message, the verifying the authority of the broadcast agent includes verifying an authority of the broadcast agent to transmit the broadcast message to the defined broadcast target area;</p>
<p>transmitting the broadcast message over an output interface to one or more coupled broadcast message transmission systems providing broadcast message alerting service to at least a portion of the broadcast target area.</p>	<p>determining which network providers have networks that provide service to at least a portion of the broadcast target area;                      converting the broadcast target area to network addresses of one or more network transmission</p>

	<p>devices for one or more of the determined network providers, said converting including determining the network transmission devices providing transmission service to at least a portion of the broadcast target area and identifying a network address for each determined network transmission device; and</p> <p>transmitting the broadcast message to the network addresses of the determined network transmission devices of the associated network providers for transmission of the broadcast message over broadcast channels associated with the one or more broadcast channel codes to user receiving devices geographically located within a transmission service area of the determined network transmission devices providing transmission service to at least a portion of the broadcast target area and that are configured for receiving messages on the associated broadcast channels.</p>
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Claim 1 of Patent '903 recites a plurality of coupled broadcast agent access systems providing a broadcast request. However, claim 1 does not recite receiving a plurality of broadcast request and claim 15 does not recite receiving a plurality of broadcast requests from one of a plurality of coupled broadcast agent message origination systems. However, it would have been obvious to one of ordinary skill in the art to receive a plurality of broadcast request as the system recites a plurality of broadcast agent access systems providing a broadcast request and for the system and corresponding method to be able to transmit broadcast message more than one time.

Claims 3, 5-7 are unpatentable over claims 2-3, 5, and 7 of Patent '221.

Claims 1 and 17 are rejected on the ground of nonstatutory double patenting as being unpatentable over claim 1 of U.S. Patent No. 7,752,259 (hereinafter Patent '259).

Although the claims at issue are not identical, they are not patentably distinct from each other because claims of Patent '259 substantially discloses the subject matter of the instant application with variation in wording and the differences being obvious to one of ordinary skill in art.

<b>Instant Application</b>	<b>Patent '259</b>
<p>1. A message broadcast system for collecting broadcast messages from a plurality of broadcast message originators and providing a broadcast message to a plurality of broadcast message transmission systems for broadcasting to a plurality of user devices located within a geographically defined broadcast target area, the system comprising:</p>	<p>1. A public service message broadcast system providing a broadcast message to a broadcast target area, the system comprising:</p>
<p>a broadcast message management system communicatively coupled for receiving broadcast message requests from a plurality of coupled broadcast agent message origination systems, each broadcast request being from a different originating broadcast agent associated one of the coupled broadcast agent message origination systems, the broadcast request including a broadcast agent identification, the geographically defined broadcast target area, and a broadcast message, the system receiving the plurality of broadcast message requests, verifying the broadcast request as a function of the broadcast agent identification, and an authority of the originating broadcast agent to send the particular broadcast message to the broadcast target area of the broadcast message request,</p>	<p>a broadcast agent access device configured for receiving broadcast agent input geographically defining the broadcast target area and defining the broadcast message;</p> <p>a carrier broadcast server center configured for receiving the broadcast target area and broadcast message, converting the broadcast target area to network addresses of particular network transmission devices serving the broadcast target area including determining the particular network transmission devices serving at least a portion of the broadcast target area, and identifying the network addresses for each determined particular network transmission device and transmitting the broadcast message and not the broadcast target area to the network addresses of the particular network transmission devices for transmission by the particular network transmission devices to user receiving devices located within the broadcast target area; and</p>
<p>the system further identifying one or more of the broadcast message transmission systems serving at least a portion of the broadcast target area for the broadcast request, and transmitting the broadcast message and the broadcast target area to the identified broadcast message transmission system.</p>	<p>a broadcast service bureau communicatively coupled to said carrier broadcast center and said broadcast agent access device, said broadcast service bureau configured for receiving the broadcast agent input including the geographically defined broadcast target area and the broadcast message from the broadcast agent access device and transmitting the broadcast message and the broadcast target area to the carrier broadcast server center,</p>

	<p>wherein the broadcast service bureau verifies an authority of the broadcast agent to transmit the broadcast message to the broadcast target area as a function of a broadcast message jurisdiction of the broadcast agent including the defined broadcast target area.</p>
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<b>Instant Application</b>	<b>Patent '259</b>
<p>17. A method of collecting broadcast messages from a plurality of broadcast message originators and providing a broadcast message to a plurality of broadcast message transmission systems for broadcasting to a plurality of user devices located within a geographically defined broadcast target area, the method comprising:</p>	<p>1. A public service message broadcast system providing a broadcast message to a broadcast target area, the system comprising:</p>
<p>receiving over an input interface a plurality of broadcast requests each including a broadcast agent identification, a geographically defined broadcast target area, and a broadcast message from one of a plurality of coupled broadcast agent message origination systems;</p> <p>verifying an authority of the broadcast agent identification including an authority of the originating broadcast agent to send the broadcast message to the broadcast target area; and;</p> <p>transmitting the broadcast message over an output interface to one or more coupled broadcast message transmission systems providing broadcast message alerting service to at least a portion of the broadcast target area.</p>	<p>a broadcast agent access device configured for receiving broadcast agent input geographically defining the broadcast target area and defining the broadcast message;</p> <p>a carrier broadcast server center configured for receiving the broadcast target area and broadcast message, converting the broadcast target area to network addresses of particular network transmission devices serving the broadcast target area including determining the particular network transmission devices serving at least a portion of the broadcast target area, and identifying the network addresses for each determined particular network transmission device and transmitting the broadcast message and not the broadcast target area to the network addresses of the particular network transmission devices for transmission by the particular network transmission devices to user receiving devices located within the broadcast target area; and</p> <p>a broadcast service bureau communicatively coupled to said carrier broadcast center and said broadcast agent access device, said broadcast service bureau configured for receiving the broadcast agent input including the geographically defined broadcast target area and the broadcast message from the broadcast agent access device and transmitting the broadcast message and the broadcast target area to the carrier broadcast server center,</p>

	wherein the broadcast service bureau verifies an authority of the broadcast agent to transmit the broadcast message to the broadcast target area as a function of a broadcast message jurisdiction of the broadcast agent including the defined broadcast target area.
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Claim 1 of Patent '903 does not recite receiving a plurality of broadcast request from one of a plurality of broadcast message origination systems, each request including a broadcast agent identification, the broadcast target area, and the broadcast message. However, claim 1 does recite receiving the broadcast target area and broadcast message, and verifying an authority of the broadcast agent to transmit the broadcast message to the broadcast target area, which would require providing broadcast agent identification. It would have been obvious to one of ordinary skill in the art to receive a plurality of broadcast request from a plurality of broadcast message origination systems in order to transmit broadcast message more than one time and allow a plurality of agents to utilize the broadcasting system.

#### Claim Objections

Claims 1-20 are objected to because of the following informalities:

a) Regarding claim 1,

1) each recitation of "broadcast request" should be changed to "broadcast message request". Claims 9-10, 15 are also objected to as the claims recite the same language.

2) the limitation "a different originating broadcast agent associated one of the coupled broadcast agent message origination system" should be changed to "a different originating broadcast agent associated with one of the coupled broadcast agent message origination system."  
(emphasis noted)

3) the limitation “the plurality of broadcast message requests” should be changed to “the broadcast message requests” or “broadcast message requests” should be changed to “a plurality of broadcast message requests.”

4) the limitation “the identified broadcast message transmission system” should be changed to “the identified one or more broadcast message transmission systems” as the claim recites, “identifying one or more broadcast message transmission systems.” Claim 9 is also objected to as the claim recites the same language.

b) Regarding claim 10, the limitation “wherein broadcast message management system” should be changed to “wherein the broadcast message management system”.

c) Regarding claim 17, the limitation “each including...” should be changed to “each broadcast request including” to clarified what the term each is referring to in the claim.

Appropriate correction is required.

#### **Claim Rejections - 35 USC § 112**

The following is a quotation of 35 U.S.C. 112(b):

(b) CONCLUSION.—The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the inventor or a joint inventor regards as the invention.

The following is a quotation of 35 U.S.C. 112 (pre-AIA), second paragraph:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1-20 are rejected under 35 U.S.C. 112(b) or 35 U.S.C. 112 (pre-AIA), second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which the inventor or a joint inventor, or for pre-AIA the applicant regards as the invention.

a) Regarding claim 1,



1) it is unclear as to whether "the system" is referring to "a message broadcast system" or "a broadcast message management system". Claims 9 and 15 recite similar language and are rejected for the same rational.

2) it is unclear as to which broadcast request, originating broadcast agent, broadcast target area, and broadcast message are being referring to in "the broadcast request," "the originating broadcast agent," "the broadcast target area," "the broadcast message." The claim recites, "the broadcast message requests" and "the broadcast request including a broadcast agent identification, the geographically defined broadcast target area, and a broadcast message." The claim requires more than one broadcast message request and more than one originating broadcast agent, broadcast target area, and broadcast message. Therefore, it is unclear as to which of the broadcast agent identification, broadcast message, and broadcast target area are being referring to by the terms.

Claims 4-6, 9, 11-12, 16 recite similar language and are rejected for the same rational.

3) there is insufficient antecedent basis for "the particular broadcast message."

b) Regarding claim 2, there is insufficient antecedent basis for "the two or more message broadcast message transmission systems."

c) Regarding claim 5, there is insufficient antecedent basis for "the broadcast service bureau."

d) Regarding claim 6, there is insufficient antecedent basis for "the output interface."

e) Regarding claim 10, there is insufficient antecedent basis for "the identified broadcast message transmission network."

f) Regarding claim 16, there is insufficient antecedent basis for "the one or more broadcast message networks."

g) Regarding claim 17, it is unclear as to which broadcast agent identification, broadcast message, and broadcast target area are being referring to in the terms "the broadcast agent identification," "the

broadcast message,” and “the broadcast target area.” The claim recites, “a plurality of broadcast requests each including a broadcast agent identification, a geographically defined broadcast target area, and a broadcast message.” The claim requires more than one broadcast message request and more than one broadcast agent identification, broadcast target area, and broadcast message. Therefore, it is unclear as to which of the broadcast agent identification, broadcast message, and broadcast target area are being referring to by the terms.

h) Regarding claim 18, it is unclear as to which broadcast request “the broadcast request” is referring to as the claim recites a plurality of broadcast requests.

i) Regarding claim 19,

1) there is insufficient antecedent basis for "the broadcast message request."

2) there is insufficient antecedent basis for " the identified broadcast message transmission system" as claims 17 and 19 do not recite a step of identifying any broadcast message transmission system.

3) there is insufficient antecedent basis for "wherein transmitting the identified broadcast message type to the identified broadcast message transmission system." While claim 17 recites determining a broadcast message type, the claim does not provide basis for identifying a broadcast message type. The claim also does not provide basis for transmitting the identified broadcast message type.

j) Regarding claim 20,

1) there is insufficient antecedent basis for “the transmitting of the broadcast message type.”

2) there is insufficient antecedent basis for " the identified broadcast message transmission system."

**Claim Rejections - 35 USC § 103**

The following is a quotation of pre-AIA 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-4, 10, 13-15, 17, 19-20 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Vella et al. US Publication No. 2004/0103158 (hereinafter Vella), in view of Allport, US Patent No. 6,480,578 (hereinafter Allport).

As per claim 1, Vella teaches substantially the invention as claimed including a message broadcast system for collecting broadcast messages from a plurality of broadcast message originators and providing a broadcast message to a plurality of broadcast message transmission systems for broadcasting to a plurality of user devices located within a geographically defined broadcast target area, the system comprising:

a broadcast message management system communicatively coupled for receiving broadcast message requests from a plurality of coupled broadcast agent message origination systems, each broadcast request being from a different originating broadcast agent associated one of the coupled broadcast agent message origination systems (para. [0021] Agencies to send alert messages. para. [0071] Alerting agencies.), the broadcast request including a broadcast agent identification, the geographically defined broadcast target area, and a broadcast message, the system receiving the plurality of broadcast message requests (para. [0049][0051] Receive location and inputted text for alert message. para. [0055][0056] Select location and provide identification.), verifying an authority of the originating broadcast agent (para. [0056] Verify alert originator's authority.),

the system further identifying one or more of the broadcast message transmission systems serving at least a portion of the broadcast target area for the broadcast request, and transmitting the broadcast message and the broadcast target area to the identified broadcast message transmission system (para. [0079] Sends formatted messages to public network. para. [0080] Send message to SMS server 355/357 of cellular carriers.).

Vella does not specifically teach verifying the broadcast request as a function of the broadcast agent identification, and an authority of the originating broadcast agent to send the particular broadcast message to the broadcast target area of the broadcast message request.

Allport teaches verifying a broadcast request as a function of a broadcast agent identification and an authority of an originating broadcast agent to send the broadcast message to the broadcast target area (col. 12, line 66-col. 13, line 1. Types of signal that can be sent. col. 13, lines 17-22. Communicate regions to be sent a coded signal and specific signal type to be sent to each region. col. 14, lines 45-49. Validate that the sender has the authority to issue such signals.).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings for the system of Vella to be configured to verify a broadcast request as a function of a broadcast agent identification and an authority of an originating broadcast agent to send the broadcast message to the broadcast target area as disclosed by Allport. One of ordinary skill in the art would have been motivated to combine the teachings as Vella discloses that changes made be made without departing from scope. Allport, which similarly deals with broadcasting messaging, would have improved security by allowing authorized parties to send certain notifications and would have provided the benefit of a timely and cost effective means to notify people within geographic regions (col. 2, lines 56-61).

Furthermore, it would have been obvious to combine the teachings as all the claimed elements were known in the prior art and one skilled in the art could have combined the elements as claimed by

known methods with no change in their respective functions, and the combination would have yielded nothing more than predictable results to one of ordinary skill in the art.

As per claim 17, Vella teaches substantially the invention as claimed including a method of collecting broadcast messages from a plurality of broadcast message originators and providing a broadcast message to a plurality of broadcast message transmission systems for broadcasting to a plurality of user devices located within a geographically defined broadcast target area, the method comprising:

receiving over an input interface a plurality of broadcast requests each including a broadcast agent identification, a geographically defined broadcast target area, and a broadcast message from one of a plurality of coupled broadcast agent message origination systems (para. [0021] Agencies to send alert messages. para. [0071] Alerting agencies. para. [0049][0051] Select location and input text for alert message. para. [0055][0056] Select location and provide identification.);

verifying an authority of the broadcast agent identification including an authority of the originating broadcast agent (para. [0056] Verify alert originator's authority.); and

transmitting the broadcast message over an output interface to one or more coupled broadcast message transmission systems providing broadcast message alerting service to at least a portion of the broadcast target area (para. [0079] Sends formatted messages to public network. para. [0080] Send message to SMS server 355/357 of cellular carriers.).

Vella does not specifically teach verifying an authority of the broadcast agent identification including an authority of the originating broadcast agent to send the broadcast message to the broadcast target area.

Allport teaches verifying a broadcast request as a function of a broadcast agent identification and an authority of an originating broadcast agent to send the broadcast message to the broadcast target area (col. 12, line 66-col. 13, line 1. Types of signal that can be sent. col. 13, lines 17-22. Communicate

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regions to be sent a coded signal and specific signal type to be sent to each region. col. 14, lines 45-49.

Validate that the sender has the authority to issue such signals.).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings for the system of Vella to be configured to verify a broadcast request as a function of a broadcast agent identification and an authority of an originating broadcast agent to send the broadcast message to the broadcast target area as disclosed by Allport. One of ordinary skill in the art would have been motivated to combine the teachings as Vella discloses that changes made be made without departing from scope. Allport, which similarly deals with broadcasting messaging, would have improved security by allowing authorized parties to send certain notifications and would have provided the benefit of a timely and cost effective means to notify people within geographic regions (col. 2, lines 56-61).

As per claim 2, Vella in view of Allport teach the system of claim 1. Vella teaches wherein the two or more message broadcast message transmission systems are selected from the group consisting of wireless mobile carrier network, wireless Wi-Fi network, digital private radio systems operator network, private radio system network, internet service provider networks, wireline telecommunication network, satellite network, CATV network, radio system, and television system (para. [0079] Send message to public network, Internet. Paragraph 0080. Send message to SMS server 355/357 of cellular carriers.).

As per claim 3, Vella in view of Allport teach the system of claim 1. Vella teaches wherein the broadcast message management system includes a distributor that performs the identification of the broadcast message transmission systems (para. [0053][0066] Determine relevant cellular carriers servicing recipients in the location.).

As per claim 4, Vella in view of Allport teach the system of claim 1. Vella teaches wherein the broadcast message management system includes an output interface for coupling to one of the one or more broadcast message transmission systems providing message alerting service to at least a portion of the broadcast target area (Fig. 3; Paragraph 0079. Send message to public network, Internet. Paragraph 0080. Send message to SMS server 355/357 of cellular carriers.).

As per claim 10, Vella does not specifically teach the system of claim 1 wherein broadcast message management system receives the broadcast request and determines a broadcast message type identifying the type of message of the broadcast message request and wherein the identified broadcast message type is transmitted to the identified broadcast message transmission network.

Allport teaches a broadcast message management system that receives a broadcast request and determines a broadcast message type identifying the type of message of the broadcast message request and wherein the identified broadcast message type is transmitted to the identified broadcast message transmission network (col. 12, lines 40-51, 66-col. 13, line 10).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings for the broadcast message management system to receive a broadcast request and determine a broadcast message type identifying the type of message of the broadcast message request and wherein the identified broadcast message type is transmitted to the identified broadcast message transmission network as taught by Allport. One of ordinary skill in the art would have been motivated to combine the teachings as Vella discloses that changes made be made without departing from scope. Allport similarly deals with broadcasting messaging and would have improved security by providing timely and cost effective means to notify people of situations (col. 2, lines 56-61).

As per claim 13, Vella in view of Allport teach the system of claim 1. Vella teaches wherein the broadcast message is a multimedia message (para. [0052][0063] Include image data.).

As per claim 14, Vella in view of Allport teach the system of claim 13. Vella teaches wherein the multimedia message includes at least one of a photograph and a map (para. [0052][0063] Include image data.).

As per claim 15, Vella does not specifically teach the system of claim 1 wherein the broadcast request includes a message type identifier, and wherein the system transmits a message type to the broadcast message transmission system responsive to the message type identifier.

Allport teaches a broadcast request that includes a message type identifier, and wherein a system transmits a message type to the broadcast message transmission system responsive to the message type identifier (col. 12, lines 40-51, 66-col. 13, line 10).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings for the broadcast request to include a message type identifier, and for the system to transmit a message type to the broadcast message transmission system responsive to the message type identifier as taught by Allport. One of ordinary skill in the art would have been motivated to combine the teachings as Vella discloses that changes made be made without departing from scope. Allport similarly deals with broadcasting messaging and would have improved security by providing timely and cost effective means to notify people of situations (col. 2, lines 56-61).

As per claim 19, Vella does not specifically teach the method of claim 17, further comprising determining a broadcast message type identifying the type of message of the broadcast message request



and wherein transmitting the identified broadcast message type to the identified broadcast message transmission system with the broadcast message and the broadcast target area.

Allport teaches a determining a broadcast message type identifying a type of message of a broadcast message request and transmitting the identified broadcast message type to an identified broadcast message transmission system with the broadcast message and a broadcast target area (col. 12, lines 40-51, 66-col. 13, line 10).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings to include determining a broadcast message type identifying a type of message of a broadcast message request and transmitting the identified broadcast message type to an identified broadcast message transmission system with the broadcast message and a broadcast target area as taught by Allport. One of ordinary skill in the art would have been motivated to combine the teachings as Vella discloses that changes made be made without departing from scope. Allport similarly deals with broadcasting messaging and would have improved security by providing timely and cost effective means to notify people of situations (col. 2, lines 56-61).

As per claim 20, Vella does not specifically teach the method of claim 17 wherein the transmitting of the broadcast message type is responsive to the broadcast message type being an acceptable type for the identified broadcast message transmission system.

Allport teaches a broadcast request that includes a message type identifier, and wherein a system transmits a message type to the broadcast message transmission system responsive to the message type identifier (col. 12, lines 40-51, 66-col. 13, line 10).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings for the broadcast request to include a message type identifier, and for the system to transmit a message type to the broadcast message transmission system responsive to the message type

identifier as taught by Allport. One of ordinary skill in the art would have been motivated to combine the teachings as Vella discloses that changes made be made without departing from scope. Allport similarly deals with broadcasting messaging and would have improved security.

Claims 11-12 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Vella, in view of Allport and Atkin et al. US Publication No. 2004/0192258 (hereinafter Atkin).

As per claim 11, Vella does not specifically teach the system of claim 1 wherein the broadcast request includes a broadcast message that is an alerting system administrative message selected from the group consisting of: message recall, language identifier, network selector, and request for message progress status.

Atkin teaches a system for broadcasting messages, wherein a broadcast message is an alerting system administrative message selected from the group consisting of: message recall, language identifier, network selector, and request for message progress status (para. [0031][0035][0037]).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings to include in the request of Vella a broadcast message that is an alerting system administrative message selected from the group consisting of: message recall, language identifier, network selector, and request for message progress status as taught by Atkin. One of ordinary skill in the art would have been motivated to combine the teachings as Atkin similarly discloses a system for broadcast messaging and would have improved broadcasting notification in Atkin by providing messages that would enable recipients to understand emergency warning messages (para. [0002]).

Furthermore, it would have been obvious to combine the teachings as all the claimed elements were known in the prior art and one skilled in the art could have combined the elements as claimed by known methods with no change in their respective functions, and the combination would have yielded nothing more than predictable results to one of ordinary skill in the art.

As per claim 12, Vella does not specifically teach the system of claim 1 wherein the broadcast message of the broadcast request is a first broadcast message, the first broadcast message being in a first language, and wherein the broadcast request includes a second broadcast message in a second language, and wherein the broadcast message management system transmits the broadcast request including at least one of the first broadcast message in the first language and the second broadcast message in the second language.

Atkin teaches a system for broadcasting messages, wherein a broadcast message of a broadcast request is a first broadcast message, the first broadcast message being in a first language, and wherein the broadcast request includes a second broadcast message in a second language, and wherein the broadcast service bureau is configured to transmit the broadcast request including at least one of the first broadcast message in the first language and the second broadcast message in the second language (para. [0032][0038]).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings to include the above teachings of Atkin to the system of Vella. One of ordinary skill in the art would have been motivated to combine the teachings as Atkin similarly discloses a system for broadcast messaging and would have improved broadcasting notification in Atkin by providing messages that would enable recipients to understand emergency warning messages (para. [0002]).

Claims 16 and 18 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Vella, in view of Allport and Zimmers et al. US Publication No. 2005/0013417 (hereinafter Zimmers)

As per claim 16, Vella in view of Allport teaches the system of claim 15 wherein the broadcast message management system is coupled to a plurality of broadcast message transmission systems, and selects the one or more broadcast message networks from among the plurality of coupled broadcast

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message transmission systems the broadcast target area (Vella: para. [0053][0066] Determine relevant cellular carriers servicing recipients in the location.) but not responsive to at least of the message type.

Zimmers teaches selecting one or more broadcast message networks from among a plurality of coupled broadcast message networks responsive to at least of a message type and target area (para. [0087][0090][0091]).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings to include selecting one or more broadcast message networks from among the plurality of coupled broadcast message networks responsive to at least of a message type and target area as taught by Zimmers. One of ordinary skill in the art would have been motivated to combine the teachings as Zimmers similarly discloses a system for broadcast messaging and would have improved broadcasting notification in Atkin by similarly “intelligently” providing notifications and repeat notifications based on different factors such as responses by recipients or expiring of an emergency (para. [0020]).

Furthermore, it would have been obvious to combine the teachings as all the claimed elements were known in the prior art and one skilled in the art could have combined the elements as claimed by known methods with no change in their respective functions, and the combination would have yielded nothing more than predictable results to one of ordinary skill in the art.

As per claim 18, Vella in view of Allport teaches the method of claim 17 wherein the broadcast request includes a message type, further comprising: selecting the one or more broadcast message transmission systems from among the plurality of coupled broadcast message transmission systems responsive to the broadcast target area (Vella: para. [0053][0066] Determine relevant cellular carriers servicing recipients in the location.) but not responsive to at least of the message type.

Zimmers teaches selecting one or more broadcast message networks from among a plurality of coupled broadcast message networks responsive to at least of a message type and target area (para. [0087] [0090][0091]).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings to include selecting one or more broadcast message networks from among the plurality of coupled broadcast message networks responsive to at least of a message type and target area as taught by Zimmers. One of ordinary skill in the art would have been motivated to combine the teachings as Zimmers similarly discloses a system for broadcast messaging and would have improved broadcasting notification in Atkin by similarly “intelligently” providing notifications and repeat notifications based on different factors such as responses by recipients or expiring of an emergency (para. [0020]).

#### **Allowable Subject Matter**

Claims 5-9 would be allowable if the double patenting rejections are overcome and if rewritten to overcome the rejections under 35 U.S.C. 112(b) or 35 U.S.C. 112 (pre-AIA), 2nd paragraph, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

#### **Conclusion**

Examiner has cited particular sections of the references that are applied to the claims. While the sections are cited for convenience and are representative of the teachings of the prior art, other sections of the references may be relevant and applicable to the claims. It is respectfully requested that Applicant fully consider the references when responding to the Office action.

A shortened statutory period for reply to this Office action is set to expire THREE MONTHS from the mailing date of this action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joshua Joo whose telephone number is 571 272-3966. The examiner can normally be reached on Monday to Friday 8:00AM to 3:00PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Oscar Louie can be reached on 571 270-1684. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Joshua Joo/  
Primary Examiner, Art Unit 2445



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CONFIRMATION NO. 7639

SERIAL NUMBER	FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.		
13/887,940	05/06/2013	709	2445	ENIT 9834C3		
<b>APPLICANTS</b> ENVISIONIT LLC, St. Charles, MO <b>INVENTORS</b> Mark Andrew Wood, Haslemere, UNITED KINGDOM; Kevin Russell Preston, Gwent, UNITED KINGDOM; Douglas Weiser, Port Richey, FL; <b>** CONTINUING DATA *****</b> This application is a CON of 13/311,448 12/05/2011 PAT 8438221 which is a CON of 12/559,405 09/14/2009 PAT 8073903 which is a CON of 11/057,704 02/14/2005 PAT 7752259 which claims benefit of 60/544,739 02/13/2004 <b>** FOREIGN APPLICATIONS *****</b> <b>** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY **</b> 06/04/2013						
Foreign Priority claimed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 35 USC 119(a-d) conditions met <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Verified and Acknowledged <u>/JOSHUA JOO/</u> Examiner's Signature		<input type="checkbox"/> Met after Allowance Initials	<b>STATE OR COUNTRY</b> UNITED KINGDOM	<b>SHEETS DRAWINGS</b> 11	<b>TOTAL CLAIMS</b> 20	<b>INDEPENDENT CLAIMS</b> 2
<b>ADDRESS</b> Polster, Lieder, Woodruff & Lucchesi, L.C. 12412 Powerscourt Dr. Suite 200 St. Louis, MO 63131-3615 UNITED STATES						
<b>TITLE</b> BROADCAST ALERTING MESSAGE AGGREGATOR/GATEWAY SYSTEM AND METHOD						
<b>FILING FEE RECEIVED</b> 800	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit			

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		13887940
	Filing Date		2013-05-06
	First Named Inventor	Wood, et al.	
	Art Unit		
	Examiner Name		
	Attorney Docket Number		ENIT 9834C3

U.S. PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	4415771		1983-11-15	Martinez	
	2	5278539		1994-01-11	Lauterbach, et al.	
	3	5592172		1997-01-07	Bailey, et al.	
	4	6021177		2000-02-01	Allport	
	5	6084510		2000-07-04	Lemelson, et al.	
	6	6112075		2000-08-29	Weiser	
	7	6169476	B1	2001-01-02	Flanagan	
	8	6219696	B1	2001-04-17	Wynblatt, et al.	



**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	13887940
Filing Date	2013-05-06
First Named Inventor	Wood, et al.
Art Unit	
Examiner Name	
Attorney Docket Number	ENIT 9834C3

9	6240360	B1	2001-05-29	Phelan	
10	6346890	B1	2002-02-12	Belin	
11	6463273	B1	2002-10-08	Day	
12	6480578	B1	2002-11-12	Allport	
13	6490525	B2	2002-12-03	Baron, Sr. et al.	
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19	6751455	B1	2004-06-15	Acampora	

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		13887940	
	Filing Date		2013-05-06	
	First Named Inventor	Wood, et al.		
	Art Unit			
	Examiner Name			
	Attorney Docket Number		ENIT 9834C3	

	20	6753784	B1	2004-06-22	Sznaider, et al.	
	21	6785551	B1	2004-08-31	Richard	
	22	6867688	B2	2005-03-15	Lamb	
	23	6882837	B2	2005-04-19	Fernandez, et al.	
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	1	20020107016	A1	2002-08-08	Hanley	

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		13887940	
	Filing Date		2013-05-06	
	First Named Inventor	Wood, et al.		
	Art Unit			
	Examiner Name			
	Attorney Docket Number		ENIT 9834C3	

	2	20020124252	A1	2002-09-05	Schafer, et al.	
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	13887940
Filing Date	2013-05-06
First Named Inventor	Wood, et al.
Art Unit	
Examiner Name	
Attorney Docket Number	ENIT 9834C3

13	20050030977	A1	2005-02-10	Casey, et al.	
14	20050162267	A1	2005-07-28	Khandelwal, et al.	
15	20050096065	A1	2005-05-05	Fleischman	
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	1	2000244427	JP		2000-09-08			<input type="checkbox"/>
	2	10336127	JP		1998-12-18			<input type="checkbox"/>
	3	441719	JP		1999-09-28			<input type="checkbox"/>
	4	09098140	JP		1997-04-08			<input type="checkbox"/>
	5	2000165826	JP		2000-06-16			<input type="checkbox"/>

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number	13887940
	Filing Date	2013-05-06
	First Named Inventor	Wood, et al.
	Art Unit	
	Examiner Name	
	Attorney Docket Number	ENIT 9834C3

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Examiner Signature	/Joshua Joo/		Date Considered 07/25/2014
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<small> <sup>1</sup> See Kind Codes of USPTO Patent Documents at <a href="http://www.USPTO.GOV">www.USPTO.GOV</a> or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.         </small>			

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number	13887940
	Filing Date	2013-05-06
	First Named Inventor	Wood, et al.
	Art Unit	
	Examiner Name	
	Attorney Docket Number	ENIT 9834C3

**CERTIFICATION STATEMENT**

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

**OR**

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

See attached certification statement.

The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

A certification statement is not submitted herewith.

**SIGNATURE**

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/David L. Howard/	Date (YYYY-MM-DD)	2013-06-17
Name/Print	David L. Howard	Registration Number	41502

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**


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The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

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6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.J./

<b>Search Notes</b> 	<b>Application/Control No.</b> 13887940	<b>Applicant(s)/Patent Under Reexamination</b> WOOD ET AL.
	<b>Examiner</b> JOSHUA JOO	<b>Art Unit</b> 2445

CPC- SEARCHED		
Symbol	Date	Examiner
H04W 4/00,22 (limited)	7/28/2014	/JJ/
H04W 4/02-04 (limited)	7/28/2014	/JJ/
H04L 67/18-26 (limited)	7/28/2014	/JJ/
H04L 12/1895, 51/20 (limited)	7/28/2014	/JJ/

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner


US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
Sear			

SEARCH NOTES		
Search Notes	Date	Examiner
Searched in EAST. See attached search history.	7/28/2014	/JJ/
Inventor search in PALM and EAST.	7/28/2014	/JJ/
Assignee search in EAST.	7/28/2014	/JJ/

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner

	/J.J./ Primary Examiner.Art Unit 2445
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<b><i>Index of Claims</i></b> 	<b>Application/Control No.</b> 13887940	<b>Applicant(s)/Patent Under Reexamination</b> WOOD ET AL.
	<b>Examiner</b> JOSHUA JOO	<b>Art Unit</b> 2445

✓	<b>Rejected</b>	-	<b>Cancelled</b>	N	<b>Non-Elected</b>	A	<b>Appeal</b>
=	<b>Allowed</b>	÷	<b>Restricted</b>	I	<b>Interference</b>	O	<b>Objected</b>

Claims renumbered in the same order as presented by applicant
  CPA
  T.D.
  R.1.47

CLAIM		DATE							
Final	Original	07/25/2014							
	1	✓							
	2	✓							
	3	✓							
	4	✓							
	5	✓							
	6	✓							
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	8	✓							
	9	✓							
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	11	✓							
	12	✓							
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	14	✓							
	15	✓							
	16	✓							
	17	✓							
	18	✓							
	19	✓							
	20	✓							

## Electronic Patent Application Fee Transmittal

<b>Application Number:</b>	13887940			
<b>Filing Date:</b>	06-May-2013			
<b>Title of Invention:</b>	BROADCAST ALERTING MESSAGE AGGREGATOR/GATEWAY SYSTEM AND METHOD			
<b>First Named Inventor/Applicant Name:</b>	Mark Andrew Wood			
<b>Filer:</b>	David L. Howard			
<b>Attorney Docket Number:</b>	ENIT 9834C3			
Filed as Small Entity				
<b>Filing Fees for Utility under 35 USC 111(a)</b>				
<b>Description</b>	<b>Fee Code</b>	<b>Quantity</b>	<b>Amount</b>	<b>Sub-Total in USD(\$)</b>
<b>Basic Filing:</b>				
<b>Pages:</b>				
<b>Claims:</b>				
Claims in excess of 20	2202	3	40	120
<b>Miscellaneous-Filing:</b>				
<b>Petition:</b>				
<b>Patent-Appeals-and-Interference:</b>				
<b>Post-Allowance-and-Post-Issuance:</b>				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Statutory or Terminal Disclaimer	1814	3	160	480
<b>Extension-of-Time:</b>				
Extension - 3 months with \$0 paid	2253	1	700	700
<b>Miscellaneous:</b>				
<b>Total in USD (\$)</b>				<b>1300</b>

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	21358889
<b>Application Number:</b>	13887940
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	7639
<b>Title of Invention:</b>	BROADCAST ALERTING MESSAGE AGGREGATOR/GATEWAY SYSTEM AND METHOD
<b>First Named Inventor/Applicant Name:</b>	Mark Andrew Wood
<b>Customer Number:</b>	1688
<b>Filer:</b>	David L. Howard
<b>Filer Authorized By:</b>	
<b>Attorney Docket Number:</b>	ENIT 9834C3
<b>Receipt Date:</b>	02-FEB-2015
<b>Filing Date:</b>	06-MAY-2013
<b>Time Stamp:</b>	20:29:35
<b>Application Type:</b>	Utility under 35 USC 111(a)

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1	Terminal Disclaimer Filed	ENIT_9834C3_-_Terminal_Disclaimer_7752259.pdf	160237 6556e165e66af011a9751319ce16b532e90d0cdc	no	2
<b>Warnings:</b>					
<b>Information:</b>					
2	Terminal Disclaimer Filed	ENIT_9834C3_-_Terminal_Disclaimer_8073903.pdf	160258 21ae3e76a997447afa58ffa7d326e06ffca114a	no	2
<b>Warnings:</b>					
<b>Information:</b>					
3	Terminal Disclaimer Filed	ENIT_9834C3_-_Terminal_Disclaimer_8438221.pdf	160231 ba4b2a4eda811bebcbee3791b087b11bda7cdb32	no	2
<b>Warnings:</b>					
<b>Information:</b>					
4		ENIT_9834C3_Am_A_-_RTOA_7-31-14.pdf	227921 9c79684d7dfed0ccb8edf65a560ff0e78541411c	yes	43
<b>Multipart Description/PDF files in .zip description</b>					
<b>Document Description</b>			<b>Start</b>	<b>End</b>	
Amendment/Req. Reconsideration-After Non-Final Reject			1	1	
Claims			2	7	
Applicant Arguments/Remarks Made in an Amendment			8	43	
<b>Warnings:</b>					
<b>Information:</b>					
5	Fee Worksheet (SB06)	fee-info.pdf	34016 07f4c80a088633b6e493ea64c20dc28b8bba579d	no	2
<b>Warnings:</b>					
<b>Information:</b>					
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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Envision IT LLC :  
Serial No: 13/887,940 : Art Unit: 2445  
Filed: May 6, 2013 : Examiner: Joo, Joshua  
For: Broadcast Alerting Message : Attorney Docket No: ENIT 9834C3  
Aggregator/Gateway System and  
Method

---

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**AMENDMENT A**  
**RESPONSE TO OFFICE ACTION**

Sir:

In response to the Office Action mailed July 31, 2014, please amend the application as follows and consider the remarks set forth below. Applicant hereby petitions under the provisions of 37 C.F.R. § 1.136(a) for a three month extension of time in which to respond to the outstanding Office Action and includes a fee as set forth in 37 C.F.R. § 1.17(a) with this response for such extension of time.

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 8 of this paper.

## AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

### LISTING OF CLAIMS

1. (Currently amended) A message broadcast system for collecting broadcast messages from a plurality of broadcast message originators and providing a broadcast message to one or more of a plurality of broadcast message transmission systems for broadcasting to a plurality of user devices located within a geographically defined broadcast target area, the system comprising:

a broadcast message management system communicatively coupled for receiving broadcast message requests from a plurality of coupled broadcast agent message origination systems, the broadcast message management system storing a broadcast message jurisdiction authority for each broadcast agent of each coupled broadcast agent message origination system, each broadcast message request being from a different originating broadcast agent associated with one of the coupled broadcast agent message origination systems, each the broadcast message request including a broadcast agent identification uniquely identifying the broadcast agent originating the broadcast message request, the geographically defined broadcast target area, and a broadcast message, for each received broadcast message request of the broadcast message management system receiving the plurality of broadcast message requests, verifying the broadcast message request as a function of the broadcast agent identification of the broadcast message request, and an authority of the originating broadcast agent to send the particular broadcast message of the broadcast message request to the broadcast target area of the broadcast message request, the verifying ensuring the stored broadcast message jurisdiction of the originating broadcast agent includes the broadcast target area of the broadcast message request, the broadcast message management system further determining identifying two [[one]] or more of the broadcast message transmission systems serving at least a portion of the broadcast target area for the broadcast message request, and transmitting the broadcast message and the



broadcast target area to the identified two or more broadcast message transmission ~~system~~ systems.

2. (Currently amended) The system of claim 1 wherein the two or more message broadcast message transmission systems are selected from the group consisting of a wireless mobile carrier network[[,]]; a wireless Wi-Fi network[[,]]; a digital private radio systems operator network[[,]]; a private radio system network[[,]]; an internet provider; an internet service provider network providing an internet service including a website and a website content provider providing text, graphical data, image and mapping content service via a website; ~~networks[[,]]~~ a wireline telecommunication network[[,]]; a satellite network[[,]]; a CATV network[[,]]; a radio system[[,]]; and a television system.

3. (Currently amended) The system of claim 1 wherein the broadcast message management system includes a distributor that performs the ~~identification~~ determining of the broadcast message transmission systems as a function of determining that each determined broadcast message transmission systems provides broadcast messaging service to at least a portion of the broadcast target area of the broadcast message request.

4. (Currently amended) The system of claim 1 wherein the broadcast message management system includes an output interface for coupling to one of the determined two ~~[[one]]~~ or more broadcast message transmission systems providing message ~~alerting~~ broadcasting service to at least a portion of the broadcast target area.

5. (Cancelled)

6. (Currently amended) The system of claim 1 ~~claim 5~~ wherein the determined two or more broadcast message transmission systems includes at least one wireless mobile carrier network and wherein the broadcast message management system transmits to output interface ~~interfaces with~~ a carrier broadcast center of ~~[[a]]~~ the wireless mobile carrier network, the carrier broadcast center converting the broadcast target area to network addresses of wireless transmission devices serving the broadcast target area including determining particular wireless

~~network transmission devices serving at least a portion of the broadcast target area, and identifying the network addresses for each determined particular wireless transmission device and transmitting the broadcast message to the network addresses of the particular wireless transmission devices for wireless transmission by the particular wireless transmission devices to user receiving devices.~~

7. (Original) The system of claim 6 wherein the wireless transmission devices serving the broadcast target area and the particular wireless transmission devices are wireless cellular network transmitters and each of the wireless cellular network transmitters has a cell id network address and the identified network addresses are cell id network addresses.

8. (Original) The system of claim 6 wherein the wireless transmission devices serving the broadcast target area and the particular wireless transmission devices are Wi-Fi network transmitters, each of the Wi-Fi network transmitters having a Wi-Fi id network address, wherein the identified network addresses are Wi-Fi id network addresses.

9. (Currently amended) The system of claim 1 ~~claim 5~~ wherein the broadcast message request includes a message type identifier, and wherein the broadcast message management system transmits the broadcast message and the broadcast target area responsive to the message type identifier being an acceptable message type for ~~the identified~~ each of the determined two or more broadcast message transmission ~~system~~ systems.

10. (Currently amended) The system of claim 1 wherein the broadcast message management system receives the broadcast message request and determines a broadcast message type identifying the type of message of the broadcast message request from the broadcast agent identification of the broadcast message request and wherein the identified broadcast message type is transmitted to the ~~identified~~ determined two or more broadcast message transmission network systems.

11. (Currently amended) The system of claim 1 wherein the broadcast message request includes a broadcast message that is ~~an alerting~~ a broadcast messaging system administrative

message selected from the group consisting of: message recall, language identifier, network selector, and request for message progress status.

12. (Currently amended) The system of claim 1 wherein the broadcast message of the broadcast message request is a first broadcast message, the first broadcast message being in a first language, and wherein the broadcast message request includes a second broadcast message in a second language, and wherein the transmitting by the broadcast message management system includes transmitting ~~transmits~~ the broadcast message ~~request~~ including at least one of the first broadcast message in the first language and the second broadcast message in the second language.

13. (Original) The system of claim 1 wherein the broadcast message is a multimedia message.

14. (Original) The system of claim 13 wherein the multimedia message includes at least one of a photograph and a map.

15. (Currently amended) The system of claim 1 wherein the broadcast message request includes a message type identifier, and wherein the broadcast message management system transmits a message type to the broadcast message transmission system responsive to the message type identifier.

16. (Currently amended) The system of claim 15 wherein the broadcast message management system is coupled to a plurality of broadcast message transmission systems, and wherein the determining includes selecting of at least one of ~~selects the two~~ [[one]] or more broadcast message ~~networks~~ transmission systems from among the plurality of coupled broadcast message transmission systems is responsive to ~~at least of~~ the message type and the broadcast target area.

17. (Currently amended) A method of collecting broadcast messages from a plurality of broadcast message originators and providing a broadcast message to two or more of a plurality of

broadcast message transmission systems for broadcasting to a plurality of user devices located within a geographically defined broadcast target area, the method comprising:

receiving over an input interface a plurality of broadcast message requests each request, each broadcast message request including a broadcast agent identification uniquely identifying the broadcast agent originating the broadcast message request, a geographically defined broadcast target area, and a broadcast message from one of a plurality of coupled broadcast agent message origination systems;

storing a broadcast message jurisdiction authority for each broadcast message originator; for each broadcast message request, verifying an authority of the broadcast agent identification including an authority of the originating broadcast agent to send the broadcast message to the broadcast target area, the verifying ensuring the stored broadcast message jurisdiction of the originating broadcast originator includes the broadcast target area of the broadcast message request, the verifying resulting in a verified broadcast message request; and for each verified broadcast message request, determining two or more broadcast transmission systems providing broadcast messaging service to at least a portion of the broadcast target area and transmitting the broadcast message of each verified broadcast message request over an output interface to the determined two [[one]] or more coupled broadcast message transmission systems providing broadcast message alerting service to at least a portion of the broadcast target area.

18. (Currently amended) The method of claim 17 wherein [[the]] each broadcast message request includes a message type, further comprising:

for each broadcast message request, selecting wherein determining each of the two [[one]] or more broadcast message transmission systems from among the plurality of coupled broadcast message transmission systems is responsive to at least of the message type and the broadcast target area, each as defined in the broadcast message request.

19. (Currently amended) The method of claim 17, further comprising for each broadcast message request, determining a broadcast message type identifying from the broadcast agent identification the type of message of the broadcast message request and wherein transmitting includes transmitting the identified determined broadcast message type to the identified two or

more coupled broadcast message transmission system systems with the broadcast message and the broadcast target area of the broadcast message request.

20. (Currently amended) The method of claim 19 ~~claim 17~~ wherein the transmitting of the identified broadcast message type is responsive to the identified broadcast message type being an acceptable message type for the determined two or more identified broadcast message transmission system systems to which the verified broadcast message is transmitted.

21. (New) The method of claim 18 wherein the message type is selected from the group consisting of a language, a governmental entity, a governmental authority defined message type, an originating organization, and an industry.

22. (New) The method of claim 19 wherein the message type is selected from the group consisting of a language, a governmental entity, a governmental authority defined message type, an originating organization, and an industry.

23. (New) The system of claim 17 wherein the determining and the transmitting includes two or more message broadcast message transmission systems selected from the group consisting of a wireless mobile carrier network; a wireless Wi-Fi network; a digital private radio systems operator network; a private radio system network; an internet provider; an internet service provider network including an internet service provider providing a website and a website content provider providing text, graphical data, image and mapping content service via a website; a wireline telecommunication network; a satellite network; a CATV network; a radio system; and a television system.

24. (New) The method of claim 10 wherein the message type identifier is representative of a message type selected from the group consisting of a language, a governmental entity, a governmental authority defined message type, an originating organization, and an industry.

## **REMARKS**

Claims 1-20 are now pending in the application.

Claim 5 has been cancelled, claims 1-4, 6, 9-12, 15-20 have been amended, and claims 21-24 added by this Amendment A.

The Examiner is respectfully requested to reconsider and withdraw the rejections in view of the amendments and remarks contained herein and place claims 1-4, 6-24 in allowance.

### **1. ALLOWABLE SUBJECT MATTER**

As an initial matter, the Applicant recognizes and appreciates the Office finding that claims 5-9 as originally submitted are allowable if the non-statutory double patenting rejections are overcome and if amended to overcome the identified 112 rejections, as well as claim 5 being rewritten in independent form.

In response, the Applicant has prepared this response as follows, as will be addressed in detail in more depth below.

1. The Applicant has submitted with the present Amendment A three Terminal Disclaimers, one each for the identified prior issued US patent of the Applicants.
2. Amended the claims to address the claim objections and 112 rejections as identified in the Office action and as otherwise by the Applicants in view of the specification as originally filed; and
3. Amended the two independent claims 1 and 17 to recite the functionality as previously recited in the identified allowable claim 5, which results essentially in claim 1 being claim 5 rewritten in independent form and claim 17 reciting the process of claim 5 in independent form. Claim 5 has been cancelled.

As such, the Applicants believe the presently presented claims 1-4 and 6-24 of this Amendment A to be in compliance with the requirements identified in the Office action for allowance.

### **2. NONSTATUTORY OBVIOUSNESS-TYPE DOUBLE PATENTING**

2.1 Claims 1-4, 6-20 stand rejected under nonstatutory obviousness-type double patenting in view of claims 1-4, 6, and 8-18 of co-owned U.S. Patent No. 8,438,221 (Patent '221).

Response: The Applicant agrees with the Office that the present claims are not identical to the identified claims of the '221 Patent. In fact the Applicant notes that the recitations of many of the claims vary considerably and that the dependent claims are not within the claim set of the '221 Patent, but since both are continuations claiming priority to the same priority applications, both have the same written description support and disclosure. This being said, without making any admissions, but solely for the sake of expedited prosecution, the Applicants have submitted herewith a duly executed terminal disclaimer under 37 CFR 1.321(c) executed by the registered attorney of the Applicants as the cited '221 Patent and the present patent application are commonly owned. As such, this rejection and the non-statutory obviousness rejections of claims 1-4, and 6-20 should be withdrawn.

2.2 Claims 1,3, 6, 7 and 17 stand rejected under nonstatutory obviousness-type double patenting in view of claims 3-4, 6, and 8-18 of co-owned U.S. Patent No. 8,073,903 ('903 Patent).

Response: The Applicant agrees with the Office that the present claims are not identical to the identified claims of the '903 Patent. In fact the Applicant notes that the recitations of many of the claims vary considerably and that the dependent claims are not within the claim set of the '903 Patent, but since both are continuations claiming priority to the same priority applications, both have the same written description support and disclosure. For instance, the referenced claims 10-18 of the '903 Patent recite hosting of a webpage for receiving broadcast agent input for defining of the broadcast request and its various components. This is not recited by claims 2-16 in any form or manner as the present claims recite only that the broadcast request is received from a coupled broadcast agent origination system which is different.

This being said, without making any admissions, but solely for the sake of expedited prosecution, the Applicants have submitted herewith a duly executed terminal disclaimer under 37 CFR 1.321(c) executed by the registered attorney of the Applicants as the cited '903 Patent and the present patent application are commonly owned. As such, this rejection and the non-statutory obviousness rejections of claims 2, 3, and 6-16 should be withdrawn.

2.3 Claims 1 and 17 stand rejected under nonstatutory obviousness-type double patenting in view of claim 1 of co-owned U.S. Patent No. 7,752,259 ('259 Patent).

Response: The Applicant agrees with the Office that the present claims are not identical to the identified claims of the '259 Patent. In fact the Applicant notes that the recitations of many of the claims vary considerably and that the dependent claims are not within the claim set of the '259 Patent, but since both are continuations claiming priority to the same priority applications, both have the same written description support and disclosure. For instance, the referenced claim 1 of the '259 Patent recites broadcast agent devices, and a carrier broadcast server that determines network addresses for determined particular network transmission devices serving the broadcast target area. These are not recited by claims 1 and 17 in any form or manner as the present claims recite only that the broadcast request is received from a coupled broadcast agent origination system and transmitting to identified broadcast transmission systems which is different.

This being said, without making any admissions, but solely for the sake of expedited prosecution, the Applicants have submitted herewith a duly executed terminal disclaimer under 37 CFR 1.321(c) executed by the registered attorney of the Applicants as the cited '259 Patent and the present patent application are commonly owned. As such, this rejection and the non-statutory obviousness rejections of claims 1 and 17 should be withdrawn.

### **3. OBJECTIONS TO THE CLAIMS**

Claims 1-20 stand objected to due to several informalities identified by the Office. Each will be addressed in order as in the Office action with summarized cross reference thereto:

3.1 The shortened term "broadcast request" in claims 1, 9-10, 15: The Applicant had utilized a shortened term broadcast request and not recited the full "broadcast message request" and believe that the claim recitations were clear as there was only a single "request" recited by the claims. However, the Office objected and in response the Applicants have amended claims 1, 9-12, 15, 17 and 18 to recite the full term "broadcast message request" throughout the claims.

3.2 A missing "with" in claim 1: The Applicants have amended claim 1 to include the missing "with" word.

3.3 Two terms for more than one broadcast message requests in claim 1: The Office objects to the two wordings for multiple requests, one recited as "a plurality of . . . requests" and the other a shortened ". . . requests". The Applicants believe that both are the same way to say the same thing, but has amended the claims for consistency to move allowance forward. The



Applicant also notes that as will be addressed the claims have been amended to recite that there are a plurality of broadcast message requests, but after that, the claims recite to “each” of the broadcast message requests to address the functionality the is specific to each of the plurality.

3.4 Missing “one or more” in the quantification of “the identified” broadcast transmission systems in claims 1 and 9: Claims 1 and 9 have been amended to include the continued recitation as “the determined two or more broadcast transmission systems”.

3.5 Missing “the” in claim 10: Claim 10 has been amended to include the missing “the.”

3.6 Missing “broadcast request” in claim 17: Claim 17 has been amended to include the missing words as identified in the Office action.

The Applicants believe that these corrections through amendments to the claims have addressed each of the Objections to the claim wording as identified in the Office action and such amendments have not added any new matter. As such, the Applicant requests the Objections be withdrawn.

#### **4. REJECTIONS UNDER 35 U.S.C. § 112**

Claims 1-20 stand rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point and distinctly claim the subject matter which Applicant regards as the invention. The issues identified in the 112 rejections are addressed as follows.

4.1 “the system” - The claims have been amended to clarify that the “system” within the recitation portion of the claims is the broadcast message management system. Claims 1, 9 and 15 have been amended in this regard.

4.2 the broadcast message request and requests - The claims have been amended to recite the steps and functionality of processing the multiple received broadcast message requests are performed on for each of the plurality of broadcast message requests by reciting to “each” in various locations throughout the claims. Further, the Applicants have amended the claims to repeat the recitation for each or the broadcast message request with regard to such processing and functions. It should be clear that the functions performed are to those elements that are common to the same broadcast message request even though there may be multiple received broadcast message requests. This is a little wordy, but should more than address the clarity issue

identified in this regard. This includes in claim 17, adding the lead in recitations to “for each broadcast message request.” See amendments to claims 1, 4, 6, 9, 11-12, 16, 17 and 18.

4.3 Lack of Antecedent Basis (AB) for the particular broadcast message in claim 1 - this has been amended to recite to “each broadcast message request” and to each component recited therein, i.e., each broadcast message having each of the recited components.

4.4 Two or more message broadcast message transmission system - claims 1-4, and 6-20 recite one with claim 2 being amended for consistency to recite two or more. New claim 23 has been added to recite that the broadcast message management system determines and transmits the broadcast message to two or more broadcast message transmission systems.

4.5 Service bureau - the claims have been amended to clarify that the service bureau is the same broadcast message management system as recited by claim 1 and 17.

4.6 Output interface - claim 6 has been amended to remove this recitation by referring to the recitation having antecedent basis in claim 1 as to the interface for transmitting therefrom.

4.7 Broadcast message transmission networks and broadcast message networks - claims 10 and 16 have been amended to clarify and add consistency as to the broadcast message transmission “system” or “systems” which may or may not be a network or have a network associated therewith.

4.8 Broadcast agent identification and other broadcast request components - claims 1, 17 and 18 have been amended to clarify that the broadcast message request includes a broadcast agent identification that uniquely identifies the broadcast agent or originator that originated the broadcast message request. Each received broadcast request could come from a different broadcast message originating system and each of such can have multiple agents or originators. As such, each broadcast request that has a unique broadcast message and broadcast target area, can come from a uniquely identifiable broadcast message agent, each which is uniquely identified by the broadcast message identification. As recited, this is used to correlate with the stored broadcast message jurisdiction authority for the per broadcast message request verification processes. Further, the above identified added terms “each” to the various components and the processing being for each of the multiple received broadcast message requests should at some clarity in this regard.

4.9 Claim 19 has been amended to address the broadcast message request issue.

4.10 Claim 19 lacks a step process for the identifying. As this claims depends from claim 17, claim 19 has been amended to recite or refer back to the process recited by claim 17 with regard to the broadcast message transmission systems.

4.11 Message type and the basis for determining such - claims 10 and 19 have been amended to clarify that the message type is determined as a function of the broadcast agent identification. As noted in the Spec, Para. 0103, “the account [of the broadcast agent] will define which channel codes are defaults for this Broadcast Agent and which are allowed.” As previously noted in this same paragraph, “Channel codes define the type of message sent . . .” As noted in Spec, Para. 0104, “. . . the channel numbers are defined for the various message types.” The Specification discloses that the channel number and therefore the message type can be changed by the broadcast message management system. See Spec, Paras. 0105-0106, “(The Broadcast Agent may, for example, want to address only police officers or neighborhood watch volunteers in the area. . . . If so, a different channel number is defined. *If the Broadcast Agent has the authority, the channel number may be changed.* In the simple version, the default is *the standard code for public safety messaging.* In any case *this code is checked against the Broadcast Agent profile* by the Broadcast Agent Administrator before the message is sent to verify the authority of the Broadcast Agent.”

See the channel codes in Appendix 1 in Para. 0234 and the listing therein wherein types 671-674 , 696, 693 etc. identify the channel code and therefore the message type based on the originating entity type or industry.

Also note that Spec. Para. 0107 discloses “In many areas, more than one official language is used. In such regions, people speaking one language, can be regularly crossing borders into countries which in themselves have *multiple official languages, with primacy in different order.* In other cases, such as the *maritime service, information should be on the same code, regardless of which country the ship is in range of.* Therefore, the system provides for the ability to transmit alert messages in all major official languages for a region. The system provides a mechanism to give the networks and governmental authorities flexibility in addressing this requirement.”

Example of the message type being indicated by the channel code for an industry or applications is for “Maritime” (“There are some cases where internationally agreed codes are required. One case in point is that of the maritime service channel. . . . In that case, the channel number should be the same for every port the ship may visit, requiring an internationally assigned

channel.” Spec. Para. 0110). Another disclosed example is for government designated entities is for the United Nations such as UNSECORD (“In another example, the United Nations (UN) has the responsibility to care for the security concerns of all international relief workers working for them and any Non Governmental Organizations (NGOs). If the UN security -coordinator (UNSECORD) had a standard channel, . . . “*Id.*);

Also note that network selection or identification based on the Message Type (Channel Code) is found in Spec. Para. 0137. “The networks requested are checked against the Account Data. Portal may have defined networks that the account data has indicated, however in some cases some networks may accept some channels while others do not. If so, the broadcast may continue on the allowed networks and declined on others, or it may be declined altogether.” *Id.*

As such, it is clear to one of ordinary skill in the art, that the disclosure includes that the channel code or message type is determined as a function of the broadcast agent profile or identification as such are the originating entity shown in Appendix 1 by way of example.

4.12 claim 20 - claim 20 has been amended to depend from claim 19 as that is what was originally intended based on the clear referral to the recited components of claim 19 within claim 20. Claim 20 has been amended consistent with the recitations of claim 19 and 17 as they have been amended or as they otherwise recite in the related terms.

The Applicant does not believe that any new matter has been added with the amendments made to clarify the recitations in response to the 112 issues identified in the Office action. The Applicants believe that they have fully addressed the 112(2) issues and as such these rejections withdrawn.

## **5. OTHER AMENDMENTS TO THE CLAIMS AND ADDED NEW CLAIMS**

In addition to the above amendments to the claims, the Applicant provides an explanation to and support for some of the additional amendments submitted herewith as well as the newly added claims.

5.1 Claims 1 and 17 have been amended to recite that the broadcast message management system storing a broadcast message jurisdiction authority for each broadcast agent of each coupled broadcast agent message origination system. See original claim 5. Along with the above amendment for each broadcast message request including an uniquely identifying broadcast