

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 46774-709601	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/US2017/047854	International filing date (<i>day/month/year</i>) 21 August 2017 (21.08.2017)	(Earliest) Priority Date (<i>day/month/year</i>) 22 August 2016 (22.08.2016)
Applicant RAPIDSOS, INC.		

This International search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**

a. With regard to the **language**, the international search was carried out on the basis of:

the international application in the language in which it was filed

a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))

b. This international search report has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43.6bis(a)).

c. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. **Certain claims were found unsearchable** (See Box No. II)

3. **Unity of invention is lacking** (See Box No. III)

4. With regard to the **title**,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2, by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

a. the figure of the **drawings** to be published with the abstract is Figure No. 9

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

b. none of the figures is to be published with the abstract.

A. CLASSIFICATION OF SUBJECT MATTER**G08B 31/00(2006.01)i, G08B 21/10(2006.01)i, G08B 25/14(2006.01)i**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G08B 31/00; H04W 4/22; H04L 12/58; G01W 1/10; G06Q 10/04; G08G 1/07; G06Q 50/26; G08B 21/10; G08B 25/14

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords: emergency, predict, communication, time, location

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2014-0324351 A1 (SAINT LOUIS UNIVERSITY) 30 October 2014 See paragraphs [61]-[79], [221]-[226]; and figure 1.	1-20
Y	US 2013-0331055 A1 (GUARDITY TECHNOLOGIES, INC.) 12 December 2013 See paragraphs [52]-[61]; and figure 1.	1-20
Y	US 2005-0104745 A1 (AARON BACHELDER et al.) 19 May 2005 See paragraphs [52]-[60]; and figure 1.	14-16
A	US 2016-0088455 A1 (RAPIDSOS, INC.) 24 March 2016 See paragraphs [70]-[75]; and figure 1.	1-20
A	KR 10-2016-0097933 A (JUBIX) 18 August 2016 See paragraphs [28]-[35]; and figures 2-3.	1-20



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

28 November 2017 (28.11.2017)

Date of mailing of the international search report

28 November 2017 (28.11.2017)

Name and mailing address of the ISA/KR

International Application Division

Korean Intellectual Property Office

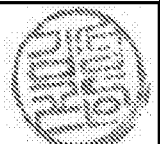
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/US2017/047854

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2014-0324351 A1	30/10/2014	CA 02753542 A1 EP 2356496 A1 US 2010-0131202 A1 US 2012-0303278 A1 US 2012-0330549 A1 US 2013-0338920 A1 US 8209124 B2 US 8494774 B2 US 9274250 B2 US 9274251 B2 US 9285504 B2 WO 2010-056983 A1 WO 2013-181463 A1 WO 2015-013249 A2 WO 2015-013249 A3	20/05/2010 17/08/2011 27/05/2010 29/11/2012 27/12/2012 19/12/2013 26/06/2012 23/07/2013 01/03/2016 01/03/2016 15/03/2016 20/05/2010 05/12/2013 29/01/2015 26/11/2015
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International application No.

PCT/US2017/047854

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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