IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Wesby-van Swaay Att'y Docket: 3781/1020 Appln. No.: 14/455,190 Filing Date: August 8, 2014

Customer No.: 02101 Conf. No.: 3505 Examiner: Zhou, Yong Art Unit: 2477

Invention: PROGRAMMABLE COMMUNICATOR

FILED BY USPTO ELECTRONIC FILING SYSTEM

SUPPLEMENTAL NOTICE OF LITIGATION

Dear Examiner Zhou:

As you are aware from Applicant's disclosure of numerous litigation documents and the Notice of Litigation filed on April 30, 2015, U.S. Patent No. 8,648,717, to which the present application claims priority, is involved in litigation in the United States District Court for the District of Delaware. In addition to the litigation listed in the Notice of Litigation filed on April 30, 2015, U.S. Patent No. 8,648,717 is also involved in the following litigations

- M2M Solutions LLC v. Enfora Inc., Novatel Wireless Solutions, Inc., and Novatel Wireless, Inc.
 - o Civil Action No. 1:14cv1101
 - o Status: Active/Pending
- M2M Solutions LLC v. Sierra Wireless America, Inc., and Sierra Wireless, Inc.,
 - o Civil Action No. 1:14cv1102
 - o Status: Active/Pending

- M2M Solutions LLC v. Telit Communications PLC, and Telit Wireless Solutions Inc.
 - o Civil Action No. 1:14cv1103

o Status: Active/Pending

DATE: May 7, 2015

Respectfully submitted,
/Jonathan C. Lovely, #60,821/
Jonathan C. Lovely
Registration No. 60,821
Attorney for Applicant
Sunstein Kann Murphy & Timbers LLP
125 Summer Street

Boston, MA 02110-1618 (617) 443-9292 03781/01020 2302949.1

Electronic Acknowledgement Receipt			
EFS ID:	22279628		
Application Number:	14455190		
International Application Number:			
Confirmation Number:	3505		
Title of Invention:	PROGRAMMABLE COMMUNICATOR		
First Named Inventor/Applicant Name:	Eveline Wesby-van Swaay		
Customer Number:	2101		
Filer:	Jonathan Lovely		
Filer Authorized By:			
Attorney Docket Number:	3781/1020		
Receipt Date:	07-MAY-2015		
Filing Date:	08-AUG-2014		
Time Stamp:	13:45:33		
Application Type:	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	Miscellaneous Incoming Letter	klw3781_1020_NoticeLitigatio	79636	no	2
'	Miscellaneous incoming Letter	n2.pdf c2dee6818fa5cd8b6b66e8cc0f8a64f7632f0 06e		2	
Warnings:				·	

Information:

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.

New Applications Under 35 U.S.C. 111

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.

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

NOTICE OF ALLOWANCE AND FEE(S) DUE

2101 7590 05/05/2015 Sunstein Kann Murphy & Timbers LLP 125 SUMMER STREET BOSTON, MA 02110-1618 EXAMINER
ZHOU, YONG

ART UNIT PAPER NUMBER

2477

DATE MAILED: 05/05/2015

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/455,190	08/08/2014	Eveline Wesby-van Swaay	3781/1020	3505

TITLE OF INVENTION: PROGRAMMABLE COMMUNICATOR

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$480	\$0	\$0	\$480	08/05/2015

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN <u>THREE MONTHS</u> FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. <u>THIS STATUTORY PERIOD CANNOT BE EXTENDED.</u> SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450

Alexandria, Virginia 22313-1450 (571)-273-2885 or <u>Fax</u>

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for

maintenance fee notifications. Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below. 7590 05/05/2015 Sunstein Kann Murphy & Timbers LLP 125 SUMMER STREET BOSTON, MA 02110-1618 (Depositor's name (Signature (Date APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 14/455.190 08/08/2014 Eveline Wesby-van Swaay 3781/1020 3505 TITLE OF INVENTION: PROGRAMMABLE COMMUNICATOR APPLN. TYPE **ENTITY STATUS** ISSUE FEE DUE PUBLICATION FEE DUE PREV. PAID ISSUE FEE TOTAL FEE(S) DUE DATE DUE \$0 \$0 \$480 08/05/2015 **SMALL** \$480 nonprovisional **EXAMINER** ART UNIT CLASS-SUBCLASS ZHOU, YONG 2477 370-328000 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). 2. For printing on the patent front page, list (1) The names of up to 3 registered patent attorneys ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. or agents OR, alternatively, (2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent): 🔲 Individual 📮 Corporation or other private group entity 🖵 Government 4a. The following fee(s) are submitted: 4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) ☐ Issue Fee A check is enclosed. ☐ Publication Fee (No small entity discount permitted) Payment by credit card. Form PTO-2038 is attached. Advance Order - # of Copies _ The director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number 5. Change in Entity Status (from status indicated above) NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment. Applicant certifying micro entity status. See 37 CFR 1.29 ☐ Applicant asserting small entity status. See 37 CFR 1.27 <u>NOTE:</u> If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

Page 2 of 3

entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

☐ Applicant changing to regular undiscounted fee status.

Authorized Signature _

Typed or printed name _

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro

Date

Registration No. _



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

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/455,190	08/08/2014	Eveline Wesby-van Swaay	3781/1020	3505
2101 75	90 05/05/2015		EXAM	INER
Sunstein Kann Murphy & Timbers LLP			ZHOU,	YONG
125 SUMMER ST BOSTON, MA 021			ART UNIT	PAPER NUMBER
			2477	

DATE MAILED: 05/05/2015

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. 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 12 minutes 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, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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 disclosure of these records is required by the Freedom of Information Act.
- 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.
- 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.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- 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 inspection 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.

	Application No. 14/455,190	Applicant(s)	SWAAY, EVELINE
Notice of Allowability	Examiner YONG ZHOU	Art Unit 2477	AIA (First Inventor to File) Status
The MAILING DATE of this communication appear All claims being allowable, PROSECUTION ON THE MERITS IS (herewith (or previously mailed), a Notice of Allowance (PTOL-85) of NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RICE of the Office or upon petition by the applicant. See 37 CFR 1.313	OR REMAINS) CLOSED in this apport of the appropriate communication of GHTS. This application is subject to	lication. If not i will be mailed i	ncluded n due course. THIS
 This communication is responsive to <u>an amendment filed 4/1</u> A declaration(s)/affidavit(s) under 37 CFR 1.130(b) was/ 			
 An election was made by the applicant in response to a restr requirement and election have been incorporated into this ac 		e interview on	; the restriction
 The allowed claim(s) is/are <u>1-30</u>. As a result of the allowed c Highway program at a participating intellectual property office http://www.uspto.gov/patents/init_events/pph/index.jsp or ser 	e for the corresponding application.	For more inforn	
4. 🛮 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 2. ☐ Certified copies of the priority documents have 3. ☐ Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received:	been received in Application No		pplication from the
Applicant has THREE MONTHS FROM THE "MAILING DATE" conceed below. Failure to timely comply will result in ABANDONMETHIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		complying with t	he requirements
5. CORRECTED DRAWINGS (as "replacement sheets") must	be submitted.		
including changes required by the attached Examiner's Paper No./Mail Date	Amendment / Comment or in the Of	fice action of	
Identifying indicia such as the application number (see 37 CFR 1.8 each sheet. Replacement sheet(s) should be labeled as such in the			not the back) of
 DEPOSIT OF and/or INFORMATION about the deposit of BI attached Examiner's comment regarding REQUIREMENT FO 			ne
Attachment(s) 1. Notice of References Cited (PTO-892) 2. Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 3. Examiner's Comment Regarding Requirement for Deposit of Biological Material 4. Interview Summary (PTO-413), Paper No./Mail Date	5. ☐ Examiner's Amendn 6. ☐ Examiner's Stateme 7. ☐ Other		for Allowance
/YONG ZHOU/ Primary Examiner, Art Unit 2477			

U.S. Patent and Trademark Office PTOL-37 (Rev. 08-13)

Search Notes

Application/Control No.	Applicant(s)/Patent Under Reexamination
14455190	WESBY-VAN SWAAY, EVELINE
Examiner	Art Unit
YONG ZHOU	2477

CPC- SEARCHED		
Symbol	Date	Examiner
A61B5/0024 G06F3/0481 G08C17/02 H04W12/06 H04W76/02	10/14/2014	YZ

CPC COMBINATION SETS - SEARCHED			
Symbol	Date	Examiner	

US CLASSIFICATION SEARCHED				
Class	Subclass	Date	Examiner	

SEARCH NOTES		
Search Notes	Date	Examiner
Inventor search in PALM	10/14/2014	YZ
Inventor search in EAST, see search history printout	10/14/2014	YZ
Admitted reference search	10/14/2014	YZ
EAST classification search (CPC A61B, G06F, H04W) combined with	10/19/2014	YZ
keyword search; text search only		
Update EAST search	4/28/2015	YZ

	INTERFERENCE SEARCH									
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner							
•	EAST text search for interference, see search history printout	4/28/2015	YZ							

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Issue Classification



Application/Control No.	Applicant(s)/Patent Under Reexamination
14455190	WESBY-VAN SWAAY, EVELINE

Examiner Art Unit

YONG ZHOU 2477

CPC			 	
Symbol			Туре	Version
H04W	24	/ 02	F	2013-01-01
H04M	1	<i>i</i> 05	I	2013-01-01
H04M	1	£ 2535	A	2013-01-01
H04M	1	<i>i</i> 275	ı	2013-01-01
H04M	1	i 663	I	2013-01-01
H04M	1	677		2013-01-01
H04M	1	# 6775	A	2013-01-01
H04M	1	/ 7253	I	2013-01-01
H04M	1	i 72538	I	2013-01-01
H04M	1	1 72547	A	2013-01-01
H04M	1	1 72563	I	2013-01-01
H04M	2250	<i>i</i> 02	A	2013-01-01
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H04W	8	1 22	ı	2013-01-01
H04W	4	/ 12	I	2013-01-01
H04W	4	/ 001	I	2013-01-01
H04B	7	/ 24	I	2013-01-01
H04L	67	<i>i</i> 02	I	2013-01-01
H04W	84	7 04	1	2013-01-01

CPC Combination Sets										
Symbol			Туре	Set	Ranking	Version				

NONE	Total Claims Allowed:				
(Assistant Examiner)	(Date)	3	0		
/YONG ZHOU/ Primary Examiner.Art Unit 2477	4/28/2015	O.G. Print Claim(s)	O.G. Print Figure		
(Primary Examiner)	(Date)	1	3		

U.S. Patent and Trademark Office Part of Paper No. 20150428

Issue Classification

Application/Control No.	Applicant(s)/Patent Under Reexamination
14455190	WESBY-VAN SWAAY, EVELINE
Examiner	Art Unit
YONG ZHOU	2477

	US OR	US ORIGINAL CLASSIFICATION						INTERNATIONAL CLASSIFICATION											
	CLASS SUBCLASS				CLASS SUBCLASS								С	LAIMED			N	ION-0	CLAIMED
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NONE	Total Claims Allowed:				
(Assistant Examiner)	3	0			
/YONG ZHOU/ Primary Examiner.Art Unit 2477	4/28/2015	O.G. Print Claim(s)	O.G. Print Figure		
(Primary Examiner)	(Date)	1	3		

U.S. Patent and Trademark Office Part of Paper No. 20150428

Issue Classification



	Application/Control No.	Applicant(s)/Patent Under Reexamination
1	14455190	WESBY-VAN SWAAY, EVELINE
	Examiner	Art Unit
	YONG ZHOU	2477

Claims renumbered in the same order as presented by applicant								☐ CPA ☐ T.D. ☐ R.1.47									
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Origina		
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	16																

NONE	Total Clain	ns Allowed:		
(Assistant Examiner)	(Date)	30		
/YONG ZHOU/ Primary Examiner.Art Unit 2477	4/28/2015	O.G. Print Claim(s)	O.G. Print Figure	
(Primary Examiner)	(Date)	1	3	

U.S. Patent and Trademark Office Part of Paper No. 20150428

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	0	(monitor\$3 sens\$3 metering) near10 (wireless\$2 near3 (connect\$3 link\$3 coupl\$3 communicat\$3 transmi\$5)) same (program\$5 near10 ((cellular mobile wireless) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU))) and (send\$3 forward\$3 transmit\$4) near10 (website Internet) near10 ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (pressure heat speed temperature sound movement power) near10 (sensor monitor meter) and (@ad<"20000523"	US- PGPUB; USPAT	OR	OZ	2015/04/28 16:38
L4	0	((monitor\$3 sens\$3 metering) near3 device) same (wireless\$2 near3 (connect\$3 link\$3 coupl\$3 communicat\$3 transmi\$5)) near10 (program\$5 near10 ((cellular mobile wireless) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU))) and (send\$3 forward\$3 transmit\$4) near10 (website Internet) near10 ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and ((monitor\$3 sens\$3 metering) near3 device) same (pressure heat speed temperature sound movement power) near3 (sensor monitor meter) and (@ad<"20000523")	US- PGPUB; USPAT	OR	ON	2015/04/28 17:09
L6	O	((monitor\$3 sens\$3 metering) near3 device) same (wireless\$2 near3 (connect\$3 link\$3 coupl\$3 communicat\$3 transmi\$5)) near10 (program\$5 near10 ((cellular mobile wireless) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU))) and (send\$3 forward\$3 transmit\$4) near10 (website Internet) near10 ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and ((monitor\$3 sens\$3 metering technical) adj2 device) near10 (pressure heat speed temperature sound movement power) adj2 (sensor monitor meter) and (@ad<"20000523")	US- PGPUB; USPAT	OR	ON	2015/04/28 17:17
L8	0	((monitor\$3 sens\$3 metering) near3 device) same (wireless\$2 near3	US- PGPUB;	OR	ON	2015/04/28 17:35

		(connect\$3 link\$3 coupl\$3 communicat\$3 transmi\$5)) near10 (program\$5 near5 ((cellular mobile wireless) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU))) same3 ((monitor\$3 sens\$3 metering technical) adj device) near5 (pressure heat speed temperature sound movement power) adj (sensor monitor meter) and (process\$3 forward\$3) near10 ("by" via through) near5 ((cellular mobile wireless) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) near10 (website Internet) same ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523")	USPAT			
S1	13	(14/455190 14/175171 14/169,603 13/934763 13/801773 13/328095 12/538603 11/329212 10/296571).app.	US- PGPUB; USPAT	OR	ON	2014/10/13 14:55
S2	9	(Eveline near2 Wesby-van near2 Swaay).in.	US- PGPUB; USPAT	OR	ON	2014/10/13 15:00
S3	1	(10/296571 14/455073).app. "8872624".pn.	US- PGPUB; USPAT	OR	ON	2014/10/13 15:41
\$4	117	("4465904" "4658096" "4855713" "4908853" "4951029" "5012234" "5276729" "5293418" "5348008" "5381138" "5396264" "5544661" "5548271" "5581599" "5581803" "5623533" "5689442" "5689563" "5689825" "5699513" "5742233" "5742666" "5745049" "5752976" "5771455" "5774804" "5802460" "5831545" "5878339" "5884161" "5901320" "5903634" "5922074" "5940752" "5946636" "5948064" "5960366" "5974312" "5983350" "5995603" "5997476" "5999990" "6026293" "6072396" "6075451" "6078948" "6108521" "6108531" "6125273" "6144859" "6148197" "6157318" "6172616" "6198390" "6208039" "6208839" "6208854" "6215994" "6230002" "6275143" "6288641" "6289084" "6295449" "6396416" "6411198" "6424623" "6442432" "6463474" "6487478" "6496777" "6519242" "6546239" "6553418" "6567671" "6573825" "6577881" "6606508" "6611755" "6633784" "6658586" "6671522" "6751452" "6759956" "6832102" "6833787" "6873842" "6900737" "6922547" "6970917" "6985742" "6988989" "7027808" "7084771" "7254601" "7558564" "7583197"	US- PGPUB; USPAT	OR	ON	2014/10/14

		"7599681" "8094010" "8542111" "8633802" "8648717" "20020046353" "20020080938" "20020013146" "20020198997" "20030176952" "20100035580" "20120088474").pn.				
S5	50	(CA-1296068-\$ CA-2293393-\$ DE-19625581-\$ DE-19625581-\$ DE-19707681-\$ EP-0432746-\$ EP-0459344-\$ EP-0459344-\$ EP-0459344-\$ EP-0459344-\$ EP-0459344-\$ EP-0459344-\$ EP-0459344-\$ EP-0459344-\$ EP-0632629-\$ EP-0772336-\$ EP-0804046-\$ EP-0996299-\$ EP-0996302-\$ EP-1013055-\$ GB-2313519-\$ JP-07087211-\$ JP-0964950-\$ JP-2000115859-\$ JP-2000115859-\$ JP-2000115859-\$ JP-2000115859-\$ JP-2001177668-\$ JP-2001249860-\$ JP-2002077438-\$ WO-9505609-\$ WO-9642175-\$ WO-9716938-\$ WO-9723104-\$ WO-9838820-\$ WO-9913629-\$ WO-9956262-\$ WO-9957875-\$ WO-9913629-\$ WO-9957875-\$ WO-0017021-\$ WO-0918175-\$ WO-0056016-\$ WO-0070889-\$ WO-0135686-\$).did.	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2014/10/14 11:09
S6	0	S4 and (monitor\$3 sens\$3) and (wireless near10 packet near3 switch\$3) and (cellular mobile) near5 (phone telephone) and (@ad< "20000523" @rlad< "20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 11:14
S7	0	\$5 and (monitor\$3 sens\$3) and (wireless near10 packet near3 switch\$3) and (cellular mobile) near5 (phone telephone) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2014/10/14 11:15
S8	20	S4 and (monitor\$3 sens\$3) same wireless and (cellular mobile) near5 (phone telephone) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 11:17
S9	0	\$5 and (monitor\$3 sens\$3) same wireless and (cellular mobile) near5 (phone telephone) and (@ad< "20000523")	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2014/10/14 11:17
S10	102573	(monitor\$3 sens\$3) same wireless and (cellular mobile) near5 (phone telephone)	US- PGPUB; USPAT	OR	ON	2014/10/14 11:18
	38	(monitor\$3 sens\$3) same wireless and programmable near5 (cellular mobile) adj3 (phone telephone) and (wireless near10 packet near3 switch\$3)	US- PGPUB; USPAT	OR	ON	2014/10/14 11:29
S12	27	S11 and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USP A T	OR	ON	2014/10/14 11:30
S13	2515	(monitor\$3 sens\$3) same wireless and (cellular mobile) adj3 (phone telephone) and (wireless near10 packet near3 switch\$3)	US- PGPUB; USPAT	OR	ON	2014/10/14 11:31

S14	85	(A61B5/0024 G06F3/0481 G08C17/02 H04W12/06 H04W76/02).cpc. and (monitor\$3 sens\$3) same wireless and (cellular mobile) adj3 (phone telephone) and (wireless near10 packet near3 switch\$3) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USP A T	OR	ON	2014/10/14 11:35
S15	0	(A61B5/0024 G06F3/0481 G08C17/02 H04W12/06 H04W76/02).cpc. and (monitor\$3 sens\$3) same wireless and programmable near10 (cellular mobile) adj3 (phone telephone) and (wireless near10 packet near3 switch\$3) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 11:38
S16	15	(monitor\$3 sens\$3) same wireless and programmable near10 (cellular mobile) adj3 (phone telephone) and (wireless near10 packet near3 switch\$3) and (@ad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 11:41
S17	90	(monitor\$3 sens\$3) same wireless same3 (cellular mobile) adj3 (phone telephone) and (wireless near10 packet near3 switch\$3) and (@ad< "20000523" @rlad< "20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 11:54
S18	28	wireless same data near10 (monitor\$3 sens\$3) same3 (cellular mobile) adj3 (phone telephone) and (wireless near10 packet near3 switch\$3) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 11:56
S19	0	(wireless same data near10 (monitor\$3 sens\$3)).ti,ab. same3 (cellular mobile) adj3 (phone telephone) and (wireless near10 packet near3 switch\$3) and (@ad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 11:58
S20	5	(wireless same data near10 (monitor\$3 sens\$3)).ti,ab. and (cellular mobile) adj3 (phone telephone) and (wireless near10 packet near3 switch\$3) and (@ad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 12:00
S21	851	((wireless BT Bluetooth (blue adj tooth)) same (monitor\$3 sens\$3)) and ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 12:06
S22	239	((wireless BT Bluetooth (blue adj tooth)) same (monitor\$3 sens\$3)) same3 (cellular mobile) adj3 (phone telephone) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 12:11
S23	15	((wireless BT Bluetooth (blue adj tooth)) same (monitor\$3 sens\$3)) same3 programmable near10 (cellular mobile) adj3 (phone telephone) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service)	US- PGPUB; USPAT	OR	ON	2014/10/14 12:12

		UMTS 3GPP) and (@ad<"20000523" @rlad<"20000523")				
S24	27	((wireless BT Bluetooth (blue adj tooth)) same (monitor\$3 sens\$3)) same3 programmable near10 ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 13:17
S25	0	((BT Bluetooth (blue adj tooth)) same (monitor\$3 sens\$3)) same3 programmable near10 ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 14:20
S26	299	((BT Bluetooth (blue adj tooth)) same3 (monitor\$3 sens\$3)) same3 ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 14:52
S27	152	((BT Bluetooth (blue adj tooth)) same (monitor\$3 sens\$3)) same3 ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MSI UE WTRU)) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 14:58
S28	35	((BT Bluetooth (blue adj tooth)) same (monitor\$3 sens\$3)) same ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MSI UE WTRU)) same3 ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 15:10
S29	1	(((BT Bluetooth (blue adj tooth)) same (monitor\$3 sens\$3)) same ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU))).ti,ab. and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 15:18
S30	154	(((BT Bluetooth (blue adj tooth)) same (interwork\$3 inter-work\$3 link\$3 coupl\$3 communicat\$3 interopera\$4 inter-opera\$4) same ((cellular mobile)	US- PGPUB; USPAT	OR	ON	2014/10/14 17:32

		adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU))) same3 (monitor\$3 sens\$3)) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523" @rlad<"20000523")				
S31	87	(((BT Bluetooth (blue adj tooth)) near20 (interwork\$3 inter-work\$3 link\$3 coupl\$3 communicat\$3 interopera\$4 inter-opera\$4) near20 ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU))) same3 (monitor\$3 sens\$3 meter\$3)) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 17:36
S32	40	(((BT Bluetooth (blue adj tooth)) near20 (interwork\$3 inter-work\$3 link\$3 coupl\$3 communicat\$3 interopera\$4 inter-opera\$4) near20 ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU))) same (monitor\$3 sens\$3 meter\$3)) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 17:40
S33	25	(((Bluetooth (blue adj tooth)) near20 (interwork\$3 inter-work\$3 link\$3 coupl\$3 communicat\$3 interopera\$4 inter-opera\$4) near20 ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU))) same (monitor\$3 sens\$3 meter\$3)) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 20:17
534	117	("4465904" "4658096" "4855713" "4908853" "4951029" "5012234" "5276729" "5293418" "5348008" "5381138" "5396264" "5544661" "5548271" "5581599" "5581803" "5623533" "5689442" "5689563" "5689825" "5699513" "5742233" "5742666" "5745049" "5752976" "5771455" "5774804" "5802460" "5831545" "5878339" "5884161" "5901320" "5903634" "5922074" "5940752" "5946636" "5948064" "5960366" "5974312" "5983350" "5995603" "5997476" "5999990" "6026293" "6031828" "6038491" "6041229" "6072396" "6075451" "6078948" "6108521" "6108531" "6125273" "6144859" "6148197" "6157318" "6172616" "6198390"	US- PGPUB; USPAT	OR	ON	2014/10/14 20:32

		"6208039" "6208839" "6208854" "6215994" "6230002" "6275143" "6288641" "6289084" "6295449" "6308083" "6314270" "6327466" "6377161" "6377577" "6388612" "6396416" "6411198" "6424623" "6442432" "6463474" "6487478" "6496777" "6519242" "6546239" "6553418" "6567671" "6573825" "6577881" "6606508" "6611755" "6633784" "6658586" "6671522" "6751452" "6759956" "6832102" "6833787" "6873842" "6900737" "6922547" "6970917" "6985742" "6988989" "7027808" "7084771" "7254601" "7558564" "7583197" "7599681" "8094010" "8542111" "8633802" "8648717" "20020046353" "20020080938" "20020013146" "20100035580" "20120088474").pn.				
\$35	0	S34 and (((BT Bluetooth (blue adj tooth)) same (interwork\$3 inter-work\$3 link\$3 coupl\$3 communicat\$3 interopera\$4 inter-opera\$4) same ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU))) same3 (monitor\$3 sens\$3 meter\$3)) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523"	US- PGPUB; USPAT	OR	ON	2014/10/14 20:32
S36	1	\$34 and (((BT Bluetooth (blue adj tooth)) same (interwork\$3 inter-work\$3 link\$3 coupl\$3 communicat\$3 interopera\$4 inter-opera\$4) same ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU))) same3 (monitor\$3 sens\$3 meter\$3)) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 20:33
S37	5	13/116321.app. ("20070060055" "5185762" "20090285135").pn.	US- PGPUB; USP A T	OR	ON	2014/10/14 21:58
S38	5	11/421195.app. ("20060002324" "20060146746" "20050239445" "20060194600").pn.	US- PGPUB; USPAT	OR	ON	2014/10/14 22:12
S39	1	09/261136.арр.	US- PGPUB; USPAT	OR	ON	2014/10/15 10:30
S40	30	(Bluetooth (blue adj tooth) WLAN (wireless adj2 (LAN (local adj area adj network)))) near20 (interwork\$3 interwork\$3 link\$3 coupl\$3 communicat\$3 interopera\$4 inter-opera\$4) near20 ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) same (monitor\$3 sens\$3	US- PGPUB; USPAT	OR	ON	2014/10/15 10:56

		meter\$3) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523" @rlad<"20000523")				
S41	2	((Bluetooth (blue adj tooth) WLAN (wireless adj2 (LAN (local adj area adj network)))) same ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) same (monitor\$3 sens\$3 meter\$3)).ti,ab. and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/15 11:06
S42	516	(monitor\$3 sens\$3 meter\$3 detect\$3) same (Bluetooth (blue adj tooth) WLAN (wireless adj2 (LAN (local adj area adj network))) (wireless\$2 near3 (connect\$3 link\$3 coupl\$3 communicat\$3 transmi\$5))) same ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/15 11:12
S43	8	(monitor\$3 sens\$3 meter\$3 detect\$3) near20 (wireless\$2 near3 (connect\$3 link\$3 coupl\$3 communicat\$3 transmi\$5)) near20 ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) same3 (Bluetooth (blue adj tooth) WLAN (wireless adj2 (LAN (local adj area adj network)))) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523"	US- PGPUB; USPAT	OR	ON	2014/10/15 11:21
S44	55	(monitor\$3 sens\$3 meter\$3 detect\$3) near20 (wireless\$2 near3 (connect\$3 link\$3 coupl\$3 communicat\$3 transmi\$5)) near20 ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) and (Bluetooth (blue adj tooth) WLAN (wireless adj2 (LAN (local adj area adj network)))) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/15 11:25
S45	14	(monitor\$3 sens\$3 meter\$3) near20 (wireless\$2 near3 (connect\$3 link\$3 coupl\$3 communicat\$3 transmi\$5)) near20 ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS!	US- PGPUB; USPAT	OR	ON	2014/10/15 11:38

S46	13	UE WTRU)) and (Bluetooth (blue adj tooth) WLAN (wireless adj2 (LAN (local adj area adj network)))) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad< "20000523" @rlad< "20000523") (monitor\$3 sens\$3 metering) near20	US-	OR	ON	2014/10/15
		(wireless\$2 near3 (connect\$3 link\$3 coupl\$3 communicat\$3 transmi\$5)) near20 ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) and (Bluetooth (blue adj tooth) WLAN (wireless adj2 (LAN (local adj area adj network)))) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523")	PGPUB; USPAT			11:46
S47	109	(monitor\$3 sens\$3 metering) same (wireless\$2 near3 (connect\$3 link\$3 coupl\$3 communicat\$3 transmi\$5)) same ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) and (Bluetooth (blue adj tooth) WLAN (wireless adj2 (LAN (local adj area adj network)))) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523"	US- PGPUB; USPAT	OR	ON	2014/10/15 11:48
S48	7	(monitor\$3 sens\$3 metering) near20 (wireless\$2 near3 (connect\$3 link\$3 coupl\$3 communicat\$3 transmi\$5)) same ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) same3 (Bluetooth (blue adj tooth) WLAN (wireless adj2 (LAN (local adj area adj network)))) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523"	US- PGPUB; USPAT	OR	ON	2014/10/15 11:49
S49	28	(monitor\$3 sens\$3 metering) same (wireless\$2 near3 (connect\$3 link\$3 coupl\$3 communicat\$3 transmi\$5)) same ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) same3 (Bluetooth (blue adj tooth) WLAN (wireless adj2 (LAN (local adj area adj network)))) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523"	US- PGPUB; USPAT	OR	ON	2014/10/15 11:54
S50	1	09/281739.арр.	US- PGPUB; USPAT	OR	ON	2014/10/15 15:11

S51	0	09/348506.app.	US- PGPUB; USPAT	OR	ON	2014/10/15 15:18
S52	6	("6083248" "5931791" "4803625" "6144922" "20020124295" "20020082665").pn.	US- PGPUB; USPAT	OR	ON	2014/10/15 15:37
S53	0	(monitor\$3 sens\$3 metering) same (attach\$3 integrat\$3) same (life adj2 vest) same3 (water near3 sens\$3) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/17 11:12
S54	13	(monitor\$3 sens\$3 metering) same (attach\$3 integrat\$3) same (life adj2 vest) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/17 11:13
S55	9	(monitor\$3 sens\$3 metering) near10 water same (attach\$3 integrat\$3) same (life adj2 vest) and (@ad< "20000523" @rlad< "20000523")	US- PGPUB; USPAT	OR	ON	2014/10/17 11:17
S56	0	sensor near10 water same (attach\$3 integrat\$3) same (life adj2 vest) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/17 11:19
S57	17	(monitor\$3 sens\$3 metering) near10 water same (life adj2 vest) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/17 11:20
S58	0	(monitor\$3 sens\$3 metering) near10 (wrist near3 strap) same cyclist and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/17 20:24
S59	25	(monitor\$3 sens\$3 metering) near20 wrist same (cyclist bicycle) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/17 20:26
S60	6	(monitor\$3 sens\$3 metering) near10 (heart heath blood) same wrist same (cyclist bicycle) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/18 05:44
S61	533	(monitor\$3 sens\$3 metering) same ((domestic home) adj3 appliance) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/19 11:04
S62	205	(monitor\$3 sens\$3 metering) near10 ((domestic home) adj3 appliance) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/19 11:06
S63	2	(monitor\$3 sens\$3 metering) near20 ((domestic home) adj3 appliance) same ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) same3 (Bluetooth (blue adj tooth) WLAN (wireless adj2 (LAN (local adj area adj network)))) and (@ad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/19 11:09
S64	32	(monitor\$3 sens\$3 metering) same ((domestic home) adj3 appliance) same ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/19 11:11
S65		(monitor\$3 sens\$3 metering) near10 ((domestic home) adj3 appliance) same ((cellular mobile) adj3 (phone telephone)	US- PGPUB; USPAT	OR	ON	2014/10/19 11:12

		((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) and (@ad<"20000523" @rlad<"20000523")				
S66	35	(monitor\$3 sens\$3 metering) near20 ((domestic home) adj3 appliance) same3 ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) and (@ad< "20000523" @rlad< "20000523")		OR	ON	2014/10/19 11:16
S67	76	(monitor\$3 sens\$3 metering) same ((domestic home) adj2 appliance) same3 ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) and (@ad< "20000523" @rlad< "20000523")	US- PGPUB; USPAT	OR	ON	2014/10/19 19:19
S68	30	((monitor\$3 sens\$3 metering) same ((domestic home) adj2 appliance)).ti,ab. and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/19 19:21
S69	174	(monitor\$3 sens\$3 metering) same (vending adj machine) near5 (status condition state) and (@ad< "20000523" @rlad< "20000523")	US- PGPUB; USPAT	OR	ON	2014/10/19 19:55
S70	145	(monitor\$3 sens\$3 metering) near20 (vending adj machine) near3 (status condition state) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/19 19:56
S71	14	((monitor\$3 sens\$3 metering) same (vending adj machine) near5 (status condition state)).ti,ab. and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/19 19:57
S72	14	((monitor\$3 sens\$3 metering) same (vending adj machine) near5 (status condition state)).ti,ab. and ((monitor\$3 sens\$3 metering) same (vending adj machine) near5 (status condition state)) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/19 20:00

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3		((monitor\$3 sens\$3 metering) near10 (wireless\$2 near3 (connect\$3 link\$3 coupl\$3 communicat\$3 transmi\$5)) same (program\$5 near10 ((cellular mobile wireless) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU))) and (send\$3 forward\$3 transmit\$4) near10 (website Internet) near10 ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (pressure heat speed temperature sound movement power) near10 (sensor monitor meter)).clm.	US- PGPUB; USPAT; UPAD	OR	ON	2015/04/28 16:39
L5	2	(((monitor\$3 sens\$3 metering) near3 device)	US-	OR	ON	2015/04/28

		same (wireless\$2 near3 (connect\$3 link\$3 coupl\$3 communicat\$3 transmi\$5)) near10 (program\$5 near10 ((cellular mobile wireless) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU))) and (send\$3 forward\$3 transmit\$4) near10 (website Internet) near10 ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and ((monitor\$3 sens\$3 metering) near3 device) same (pressure heat speed temperature sound movement power) near3 (sensor monitor meter)).clm.	PGPUB; USPAT; UPAD			17:10
L7	2	(((monitor\$3 sens\$3 metering) near3 device) same (wireless\$2 near3 (connect\$3 link\$3 coupl\$3 communicat\$3 transmi\$5)) near10 (program\$5 near10 ((cellular mobile wireless) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU))) and (send\$3 forward\$3 transmit\$4) near10 (website Internet) near10 ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and ((monitor\$3 sens\$3 metering technical) adj2 device) near10 (pressure heat speed temperature sound movement power) adj2 (sensor monitor meter)).clm.	US- PGPUB; USPAT; UPAD	OR	ON	2015/04/28 17:18
<u>9</u>	O	((((monitor\$3 sens\$3 metering) near3 device) same (wireless\$2 near3 (connect\$3 link\$3 coupl\$3 communicat\$3 transmi\$5)) near10 (program\$5 near5 ((cellular mobile wireless) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU))) same3 ((monitor\$3 sens\$3 metering technical) adj device) near5 (pressure heat speed temperature sound movement power) adj (sensor monitor meter) and (process\$3 forward\$3) near10 ("by" via through) near5 ((cellular mobile wireless) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) near10 (website Internet) same ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP)).clm.	US- PGPUB: USPAT; UPAD	OR	ON	2015/04/28 17:43

4/28/2015 5:51:00 PM

C:\ Users\ yzhou\ Documents\ EAST\ Workspaces\ 14455190.wsp

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Wesby-van Swaay Att'y Docket: 3781/1020 Appln. No.: 14/455,190 Filing Date: August 8, 2014

Customer No.: 02101 Conf. No.: 3505 Examiner: Zhou, Yong Art Unit: 2477

Invention: PROGRAMMABLE COMMUNICATOR

FILED BY USPTO ELECTRONIC FILING SYSTEM

NOTICE OF LITIGATION

Dear Examiner Zhou:

As you may be aware from Applicant's disclosure of numerous litigation documents, U.S. Patent Nos. 7,583,197 and 8,094,010, to which the present application claims priority, have been involved in multiple litigations in the United States District Court for the District of Delaware.

The actions and corresponding statuses are as follows:

- M2M Solutions LLC v Sierra Wireless America, Inc., and Sierra Wireless, Inc.,
 - o Civil Action No. 12-030-RGA
 - Status: Active/Pending
- M2M Solutions LLC v Cinterion Wireless Modules GMBH, Cinterion Wireless Modules NAFTA LLC
 - o Civil Action No. 12-031-RGA
 - o Status: Administratively Closed
- M2M Solutions LLC v Enfora, Inc., Novatel Wireless Inc., and Novatel Wireless Solutions, Inc.
 - o Civil Action No. 12-032-RGA
 - Status: Active/Pending
- M2M Solutions LLC v Motorola Solutions, Inc., Telit Communications PLC, and Telit Wireless Solutions Inc.

- o Civil Action No. 12-033-RGA
- o Status: Active/Pending
- M2M Solutions LLC v. Simcom Wireless Solutions Co. Ltd., Sim Technology
 Group Ltd., Micron Electronics L.L.C., and Kowatec Corporation
 - o Civil Action No. 12-034-RGA
 - o Status: Closed
- Micron Electronics, LLC v. M2M Solutions LLC
 - o Civil Action No. 9:12cv81183
 - o Status: Closed

Additionally, U.S. Patent No. 8,648,717, also to which the present application claims priority, is involved in the following litigation in the United States District Court for the District of Delaware:

- Sierra Wireless America Inc. and Sierra Wireless Inc. v. M2M Solutions
 LLC
- Civil Action No. 1:14cv178
- Status: Closed

DATE: April 30, 2015 Respectfully submitted,

/Jonathan C. Lovely, #60,821/

Jonathan C. Lovely Registration No. 60,821 Attorney for Applicant

Sunstein Kann Murphy & Timbers LLP

125 Summer Street

Boston, MA 02110-1618 (617) 443-9292 03781/01020 2296635.1

Electronic Acknowledgement Receipt							
EFS ID:	22213307						
Application Number:	14455190						
International Application Number:							
Confirmation Number:	3505						
Title of Invention:	PROGRAMMABLE COMMUNICATOR						
First Named Inventor/Applicant Name:	Eveline Wesby-van Swaay						
Customer Number:	2101						
Filer:	Jonathan Lovely						
Filer Authorized By:							
Attorney Docket Number:	3781/1020						
Receipt Date:	30-APR-2015						
Filing Date:	08-AUG-2014						
Time Stamp:	11:02:51						
Application Type:	Utility under 35 USC 111(a)						

Payment information:

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Miscellaneous Incoming Letter	klw3781_1020_NoticeLitigatio	79566	no	·
	Miscellatieous incoming Letter	n.pdf	bc43cde400fee2ab60a888edecc108b3f108 cc7f	***	2
Warnings:				'	

Information:

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.

New Applications Under 35 U.S.C. 111

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

In re application of: Eveline Wesby-van Swaay

Application No.: 14/455,190 Group No.: 2477 Filed: 08/08/2014 Examiner: Zhou, Yong

For: Programmable Communicator

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

AMENDMENT TRANSMITTAL

1. Transmitted herewith is an amendment for this application.

STATUS

2. Applicant is a small entity. A statement was already filed.

EXTENSION OF TERM

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply. Applicant petitions for an extension of time under 37 C.F.R. 1.136 (fees: 37 C.F.R. 1.17(a)(1)-(4)) for three months:

Fee: \$700.00

FEE FOR CLAIMS

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

	(Col. 1)	(Co	ol. 2) (Col. 3) SMALL I					ENT	ITY			
	CLAIMS											
	REMAINING	HIGHE	EST NO.									
	AFTER	PREVI	OUSLY	PRES	SENT					ADDIT.		
	AMENDMENT	PAID FOR		EXTRA			RATE			FEE		
TOTAL	30	_	30	=	0	X	\$	40.00	=	\$	0.00	
INDEP.	1	_	3	=	0	X	\$	210.00	=	\$	0.00	
FIRST PRESENTATION OF MULTIPLE DEP.					M	+	\$	0.00	=	\$	0.00	
								TOTAL				
							AD	DIT. FEE		\$	0.00	

No additional fee for claims is required.

FEE PAYMENT

5. Authorization is hereby made to charge the amount of \$700.00 to Deposit Account No. 19-4972.

Charge any additional fees required by this paper or credit any overpayment in the manner authorized above.

FEE DEFICIENCY

6. If an additional extension and/or fee is required, charge Account No. 19-4972.

If an additional fee for claims is required, charge Account No. 19-4972.

Date: April 17, 2015 /Jonathan C. Lovely, #60,821/

Jonathan C. Lovely Registration No. 60,821

SUNSTEIN KANN MURPHY & TIMBERS LLP

125 Summer Street Boston, MA 02110-1618

617-443-9292

Customer No. 02101

03781/01020 2293898.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Eveline Wesby-van Swaay

Application No.: 14/455,190 Group No.: 2477 Filed: 08/08/2014 Examiner: Zhou, Yong

For: Programmable Communicator

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

AMENDMENT TRANSMITTAL

1. Transmitted herewith is an amendment for this application.

STATUS

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EXTENSION OF TERM

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply. Applicant petitions for an extension of time under 37 C.F.R. 1.136 (fees: 37 C.F.R. 1.17(a)(1)-(4)) for three months:

Fee: \$700.00

FEE FOR CLAIMS

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

	(Col. 1)	(Col. 2) (Col. 3) SMALL F				ENT	ITY					
	CLAIMS											
	REMAINING	HIGHE	ST NO.									
	AFTER	PREVIO PREVIO	DUSLY	PRES	SENT					ADDIT.		
	AMENDMENT	PAID FOR		EXTRA			RATE			FEE		
TOTAL	30	_	30	=	0	X	\$	40.00	=	\$	0.00	
INDEP.	1	_	3	=	0	X	\$	210.00	=	\$	0.00	
FIRST PRESENTATION OF MULTIPLE DEP.					M	+	\$	0.00	=	\$	0.00	
								TOTAL				
							AD	DIT. FEE		\$	0.00	

No additional fee for claims is required.

FEE PAYMENT

5. Authorization is hereby made to charge the amount of \$700.00 to Deposit Account No. 19-4972.

Charge any additional fees required by this paper or credit any overpayment in the manner authorized above.

FEE DEFICIENCY

6. If an additional extension and/or fee is required, charge Account No. 19-4972.

If an additional fee for claims is required, charge Account No. 19-4972.

Date: April 17, 2015 /Jonathan C. Lovely, #60,821/

Jonathan C. Lovely Registration No. 60,821

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125 Summer Street Boston, MA 02110-1618

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Customer No. 02101

03781/01020 2293898.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Wesby-van Swaay Att'y Docket: 3781/1020 Appln. No.: 14/455,190 Filing Date: August 8, 2014

Customer No.: 02101 Conf. No.: 3505 Examiner: Zhou, Yong Art Unit: 2477

Invention: PROGRAMMABLE COMMUNICATOR

FILED BY USPTO ELECTRONIC FILING SYSTEM

Mail Stop AMENDMENT Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

AMENDMENT

Dear Sir:

Applicant respectfully submits this Amendment in response to the Office Action dated October 24, 2014 and requests that the following amendments and remarks be considered.

Listing of the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 10 of this paper.

LISTING OF THE CLAIMS

1. (Previously Presented) A technical data monitoring device for use with a wireless data monitoring network, the technical data monitoring device comprising:

a wireless communications circuit, the technical data monitoring device configured to establish a wireless communication link with a programmable interface of a programmable cellular telephone,

the technical data monitoring device configured to send and/or receive wireless packet switched data transmissions,

the technical data monitoring device having an associated status condition, the technical data monitoring device configured to generate data and send data over the wireless communication link for processing by the programmable cellular telephone periodically or in response to instructions received in a wireless packet switched message from the programmable cellular telephone,

wherein the data from the technical data monitoring device is (1) sent to be processed and displayed by the programmable cellular telephone and/or (2) sent to be processed and forwarded by the programmable cellular telephone to an Internet website via one or more General Packet Radio Service (GPRS), or other wireless packet switched data messages,

wherein the technical data monitoring device is configured to form part of the wireless data monitoring network in communication with the programmable cellular telephone; and

at least one technical device or system, the at least one technical device or system being at least one selected from the group consisting of a pressure sensor, a heat sensor, a mechanical displacement sensor, a speed sensor, a temperature sensor, a sound threshold sensor, a movement sensor, an electrical power sensor, an infra-red radiation detector, a proximity detection sensor, a heart rate sensor, a water sensor, a location processing module, a GPS Global Positioning Systems module, a sensor for detecting any physical characteristic of the human skin, and a health monitoring system of one or more sensors,

a sports performance monitoring system of one or more sensors, a domestic appliance monitoring system of one or more sensors, and a home security monitoring system of one or more sensors,

wherein the data sent by the technical data monitoring device represents at least one of pressure data, heat data, mechanical displacement data, speed data, temperature data, sound threshold data, movement data, electrical power data, infra-red radiation data, proximity detection data, heart rate data, body temperature data, health data, water detection data, location data, GPS data, sports performance data, domestic appliance data, and home security data.

- 2. (Original) A technical data monitoring device according to claim 1, wherein the technical data monitoring device is further configured to send and/or receive wireless transmissions compliant with Bluetooth wireless air interface standards.
- 3. (Original) A technical data monitoring device according to claim 1, wherein the data from the technical data monitoring device is processed by a communications application running on the programmable cellular telephone.
- 4. (Original) A technical data monitoring device according to claim 1, wherein the health data represents at least one of body temperature, blood pressure, periodic or continuous electrocardiogram heart rhythm, blood glucose concentration, blood electrolyte concentration, kidney function, liver function data, and labor contractions.
- 5. (Original) A technical data monitoring device according to claim 1, wherein the technical data monitoring device is further configured to be worn on the body.
- 6. (Original) A technical data monitoring device according to claim 5, wherein the technical monitoring device is integrated with a wrist strap or an attachment, wherein the wrist strap or attachment comprises one or more sensors.

3

Amendment Dated April 17, 2015

Response to Office Action dated October 24, 2014

7. (Original) A technical data monitoring device according to claim 1, wherein the

technical data monitoring device is further configured to transmit an alarm or data

message to the programmable cellular telephone in response to a change in status of the

said at least one technical data monitoring device.

8. (Original) A technical data monitoring device according to claim 7, wherein the

technical data monitoring device is further configured to generate an alarm or data

message in response to at least one selected from the group consisting of a change in

pressure of a pressure sensor, a change in temperature of a temperature sensor, a change

in position of a mechanical displacement sensor, and a change in position of an

attachment.

9. (Original) A technical data monitoring device according to claim 1, wherein the

technical data monitoring device is attached to or integrated with an article of clothing,

the article of clothing including at least one selected from the group consisting of a

jacket, a ski jacket, and a life vest.

10. (Original) A technical data monitoring device according to claim 1, wherein the

technical data monitoring device is further configured to be integrated with at least one

sensor device to form a smart clothes device.

11. (Original) A technical data monitoring device according to claim 1, wherein the

technical data monitoring device further comprises a health monitoring system having

one or more sensors, the technical data monitoring device further configured to transmit

an alarm or data message to the programmable cellular telephone via the wireless

communication link with the programmable interface, in response to a change in status of

the at least one technical data monitoring device, wherein the data message includes data

representing at least one of body temperature data, blood pressure data, periodic or

continuous electrocardiogram heart rhythm data, blood glucose concentration data, blood

electrolyte concentration data, kidney function data, liver function data, data representing

Amendment Dated April 17, 2015

Response to Office Action dated October 24, 2014

any physical characteristic of the human skin, labor contraction data, electrical power data, and location data.

- 12. (Original) A technical data monitoring device according to claim 11, wherein the health monitoring system is further configured to send and/or receive wireless transmissions compliant with Bluetooth wireless air interface standards or other wireless packet switched message air interface standard.
- 13. (Original) A technical data monitoring device according to claim 1, wherein the technical data monitoring device further comprises a sports performance system having one or more sensors, the technical data monitoring device further configured to transmit an alarm or data message to the programmable cellular telephone via the wireless communication link with the programmable interface, in response to a change in status of the said at least one technical data monitoring device, wherein the data message includes data representing at least one of body temperature data, blood pressure data, periodic or continuous electrocardiogram heart rhythm data, speed data, mechanical displacement data of an attachment, temperature data, movement data, electrical power data, infra-red radiation data, proximity detection data, location data, and heart rate data.
- 14. (Original) A technical data monitoring device according to claim 13, wherein the sports performance system is further configured to send and/or receive wireless transmissions compliant with Bluetooth wireless air interface standards or other wireless packet switched message air interface standard.
- 15. (Original) A technical data monitoring device according to claim 1, wherein the technical data monitoring device comprises a cyclist performance enhancement sensor system for a bicycle wherein the technical data monitoring device is further configured to transmit an alarm or data message to the programmable cellular telephone via the wireless communication link with the programmable interface, in response to a change in status of the said at least one technical data monitoring device, wherein the data message

Amendment Dated April 17, 2015

Response to Office Action dated October 24, 2014

includes data representing at least one of body temperature data, blood pressure data, periodic or continuous electrocardiogram heart rhythm data, speed data, pressure data, mechanical displacement data of an attachment, temperature data, movement data, electrical power data, infra-red radiation data, proximity detection data, location data, and heart rate data.

16. (Original) A technical data monitoring device according to claim 15, wherein the cyclist performance enhancement sensor system is further configured to send and/or receive wireless transmissions compliant with Bluetooth wireless air interface standards or other wireless packet switched message air interface standard.

17. (Previously Presented) A technical data monitoring device according to claim 1, wherein the technical data monitoring device is attached to or integrated with a life vest, wherein the technical data monitoring device is further configured to transmit an alarm or data message to the programmable cellular telephone via the wireless communication link with the programmable interface, in response to a change in status of the said at least one technical data monitoring device, wherein the data message includes data representing at least one of body temperature data, blood pressure data, periodic or continuous electrocardiogram heart rhythm data, speed data, mechanical displacement data of an attachment, temperature data, movement data, electrical power data, infra-red radiation data, proximity detection data, location data, water detection data, and heart rate data.

18. (Original) A technical data monitoring device according to claim 17, wherein the technical data monitoring device is further integrated with a water sensor which becomes enabled when it comes into contact with water.

19. (Original) A technical data monitoring device according to claim 1, wherein the technical data monitoring device is attached to or integrated with a wrist strap, wherein the technical data monitoring device is further configured to transmit an alarm or data

Amendment Dated April 17, 2015

Response to Office Action dated October 24, 2014

message to the programmable cellular telephone via the wireless communication link with the programmable interface, in response to a change in status of the said at least one technical data monitoring device, wherein the data message includes data representing at least one of body temperature data, blood pressure data, periodic or continuous electrocardiogram heart rhythm data, speed data, mechanical displacement data of an attachment, temperature data, movement data, electrical power data, infra-red radiation data, proximity detection data, location data, and heart rate data.

- 20. (Original) A technical data monitoring device according to claim 1, wherein the technical data monitoring device is one device within a network of Bluetooth devices.
- 21. (Original) A technical data monitoring device according to claim 1, wherein the technical data monitoring device comprises a domestic appliance monitoring system, wherein the technical data monitoring device is further configured to transmit an alarm or data message to the programmable cellular telephone via the wireless communication link with the programmable interface, in response to a change in status of the said at least one technical data monitoring device, wherein the data message includes data representing at least one of pressure data, heat data, mechanical displacement data, temperature data, sound threshold data, movement data, electrical power data, infra-red radiation data, proximity detection data, body temperature data, domestic appliance data, water pipe pressure data, home network data, door status data, window status data, and home security data.
- 22. (Original) A technical data monitoring device according to claim 1, wherein the technical data monitoring device is also configured to communicate with the programmable cellular telephone using a wired connection.
- 23. (Original) A technical data monitoring device according to claim 1, wherein the technical data monitoring device is also configured to receive data communications from the programmable cellular telephone.

Amendment Dated April 17, 2015

Response to Office Action dated October 24, 2014

24. (Original) A technical data monitoring device according to claim 1, wherein the

technical data monitoring device is configured to be integrated with and/or embedded in a

domestic appliance.

25. (Original) A technical data monitoring device according to claim 1, wherein the

technical data monitoring device is configured to be integrated with and/or embedded in a

vending machine.

26. (Original) A technical data monitoring device according to claim 25, wherein the

technical data monitoring device is configured to transmit status information about the

vending machine.

27. (Original) A technical data monitoring device according to claim 1, wherein the

technical data monitoring device is configured to be integrated with and/or embedded in a

domestic appliance.

28. (Original) A technical data monitoring device according to claim 1, wherein the

technical data monitoring device is further configured to be worn on a body, and form

part of a network of at least one data reporting sensor, wherein each of the at least one

data reporting sensor is configured to communicate with the programmable interface of a

programmable cellular telephone via a packet switched radio communications link.

29. (Original) A technical data monitoring device according to claim 28, wherein the at

least one data reporting sensor is further configured to transmit an alarm or data message

to the programmable cellular telephone via the wireless communication link with the

programmable interface, in response to a change in status of the said at least one data

reporting sensor, wherein the data message includes data representing at least one of

mechanical displacement data, movement data, proximity detection data, speed data,

infra-red radiation data, temperature data, pressure data, heat data, electrical power data,

Amendment Dated April 17, 2015

Response to Office Action dated October 24, 2014

sound threshold data, and body temperature data.

30. (Original) A technical data monitoring device according to claim 29, wherein the at least one data reporting sensor is further configured to transmit an alarm or data message to the programmable cellular telephone via the wireless communication link with the programmable interface, wherein the at least one data reporting sensor is further configured to send and/or receive wireless transmissions compliant with Bluetooth wireless air interface standards or other wireless packet switched message air interface standard.

REMARKS

Applicants would like to thank the examiner for the review of the present application and prior art. Applicants request reconsideration of the pending claims in view of the following remarks. Applicants have not made any amendments to the pending claims. Accordingly, claims 1-30 are currently under consideration in this application. No new matter has been added.

Haller Reference

Applicants wish to note that the Haller reference relied upon by the Office Action has a filing date of January 18, 2001, which is after the priority date of the currently pending application (May 23, 2000). Haller is a continuation-in-part of U.S. Application Number 09/348,506 (the '506 application) which was filed on July 7, 1999. Haller also claims priority to provisional application 60/176,499 (the '499 provisional) filed on January 18, 2000. The figures and passages relied upon by the office action to teach the various limitations of claim 1 (and the dependent claims) are not contained within either the '506 application or the '499 provisional. This disclosure appears to be added for the first time on January 18, 2001 (e.g., in U.S. Application Number 09/765.218 which published as U.S. 2001/0051787) – after the priority date of the present application. Therefore, at least with respect to the Figures and disclosure relied upon by the office action, the Haller reference (U.S. Publication No. 2001/0051787) is not prior art under 35 USC 102(e). Additionally, as discussed in greater detail below, the '506 application and the '499 provisional fail to teach or suggest the pending claims.

35 USC 102

The office action rejects claims 1-8, 10-12, 20, 22, 23, and 28-30 under 35 USC 102(e) as being anticipated by U.S. Publication No. 2001/0051787 (Haller et al., hereinafter "Haller"). As mentioned above, the Haller reference relied upon by the Office Action has a filing date of January 18, 2001, which is after the priority date of the currently pending application (May 23, 2000). However, Haller is a continuation-in-part of the '506 application filed on July 7, 1999, and claims priority to the '499 provisional

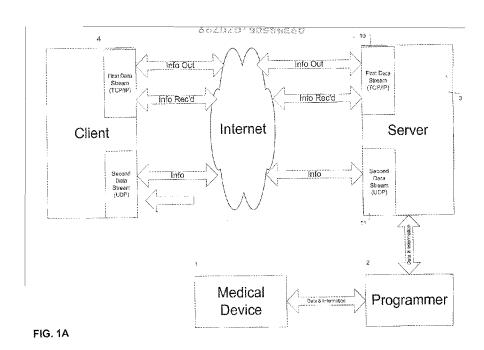
filed on January 18, 2000. Accordingly, Applicants discuss the rejections based on Haller in view of the '506 application and the '499 provisional.

Claim 1 defines, in relevant part, a technical data monitoring device for use with a wireless data monitoring network. The technical data monitoring device includes a wireless communication circuit, and at least one technical device or system. The technical data monitoring device (1) is configured to establish a wireless communication link with a programmable interface of a programmable cellular telephone, (2) is configured to send and/or receive wireless packet switched data transmissions, (3) has an associated status condition, and (4) is configured to generate data and send data over the wireless communication link for processing by the programmable cellular telephone periodically or in response to instructions received in a wireless packet switched message from the programmable cellular telephone. The data from the technical data monitoring device may be displayed by the programmable cellular telephone and/or forwarded by the programmable cellular telephone to an Internet website via one or more General Packet Radio Service (GPRS), or other wireless packet switched data messages. The technical data monitoring device is also configured to form part of the wireless data monitoring network in communication with the programmable cellular telephone.

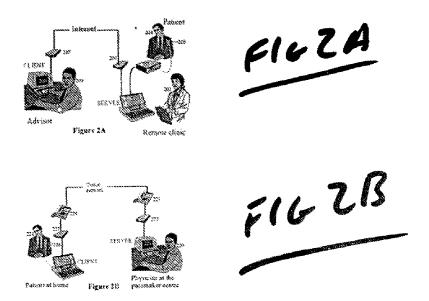
The '506 application fails to teach or suggest such a device. Rather, the '506 application teaches a system for communicating with a medical device 1 that includes (1) a programmer 2 that permits linkage to the medical device, and (2) a server 3 that permits the transfer of information, including data and commands, from the device 1, programmer 2, and server 3 to a client 4 through a dispersed network (i.e., the internet). The network traffic flows between the client and the server through two separate data streams. The first data stream 10 transmits information that has been divided into discrete packets using the TCP/IP network protocol. The second data stream 11 transmits the data using a different protocol, and the transmission is in only one direction (i.e., it does not have a return receipt request, as required by the first data stream). (See Figure 1A, reproduced below). In some embodiments, the '506 application may include a server 200 that is installed in a remote clinic operated by a technician (see Figure 2A, reproduced below). The server 200 may provide real time data about the patient's state, accept and

execute an operator's commands, monitor the system's overall performance and reliability, resolve dubious situations, and act in emergency situations. In such embodiments, the client 208 may be operated by an advisor 209 (i.e., the doctor/expert for the particular therapy). The client 208 shows the operator 209 a graphical user interface that visually and functionally mimics the GUI of the implantable device programmer 203 connected to the server 200.

Alternatively, as shown in Figure 2B (reproduced below), the expert 220 may operate a server computer 221 that is connected to a normal telephone line appliance 223 by means of a modem 222. In such embodiments, the patient operates a client computer 225 and the device programmer (e.g., a programmer wand 226). An additional modem 227 connects the client 225 to another telephone line appliance 228. During operation, the server 221 displays the GUI of the programmer 226 when the patient initiates a call using the modem 227 and the server 221 recognizes the client. The physician can interrogate and program the implanted device while monitoring the data of the patient.



Appl. No. 14/455,190 Amendment Dated April 17, 2015 Response to Office Action dated October 24, 2014

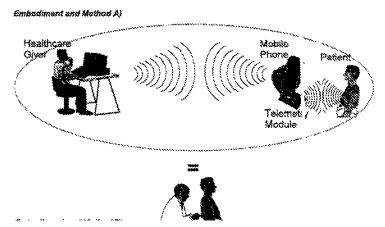


As mentioned above, the '506 application does not include the figures and passages relied upon by the office action and, in fact, has a significantly different disclosure than that of Haller. As such, the '506 application fails to teach or suggest numerous limitations of claim 1. For example, the clients and the servers of the '506 application do not establish a wireless communication link with the programmable interface of a programmable cellular telephone. Rather, any communication in the '506 application is done through a wired connection or the internet via a modem, and is between two computers (i.e., the servers and clients) – the '506 application makes no mention of a programmable cellular telephone. Furthermore, because the '506 application does not teach or suggest the programmable cellular telephone, the '506 application also necessarily fails to teach or suggest, among other things, (1) generating and sending data over a wireless communication link for processing by a programmable cellular telephone, (2) sending data from a technical monitoring device in response to instructions received in a transmission from a programmable cellular telephone, and (3) forwarding, by the programmable cellular telephone, data to an Internet website.

Additionally, nowhere does the '506 application teach or suggest that the medical device 1, programmers 2/203/206, servers 3/200/221 and/or clients 4/208/225 are configured to send and/or receive wireless packet switched data messages and/or GPRS messages. In fact, '506 specifically states that all communication is done via a wired

connection or via a modem 222/227 and a normal telephone line appliance 223/228. Such devices are not configured to send/receive GPRS and wireless packet switched data messages. Accordingly, claims 1 is allowable over the '506 patent. Moreover, claims 2-8, 10-12, 20, 22, 23, and 28-30 are allowable over the '506 patent for at least the same reasons.

The '499 provisional also fails to teach or suggest the device of claim 1. Rather, the '499 provisional application teaches a system module that performs telemetry communications with an implantable medical device. The module is attached to a mobile phone, and is powered by the mobile phone's power supply. During use, the patient may press a button to interrogate the implanted medical device. The obtained data is stored in the module and is sent to the care giver via a smart transmission in which the data is only erased after a successful handshake between the mobile phone and the caregiver's system (see the figure reproduced below). The caregiver can call the patient back on the mobile phone to request another telemetry session or prescribe a particular drug.



Nowhere does the '499 provisional application teach or suggest a technical data monitoring device that establishes a wireless communication link with a programmable interface of a programmable cellular telephone, as required by claim 1. Rather mentioned above, and as shown in the figure reproduced above, the telemetry module is physically attached to the wireless telephone. In fact, the module is even powered via the phone's power supply – there is no wireless communication link between the module and the mobile phone. Furthermore, the implanted medical device does not communicate with the

mobile phone, it communicates with the telemetry module. In other words, regardless of what is considered to be the technical data monitoring device in the '499 provisional (e.g., the telemetry module or the medical device), none of the components are configured to establish a wireless communication link with the programmable interface of a programmable cellular telephone, as required by claim 1.

Furthermore, the '499 provisional fails to teach or suggest sending data from a technical data monitoring device to a programmable cellular telephone via wireless packet switched data messages, or forwarding, by the programmable cellular telephone, the data to a website via a GPRS or other packet switched data message. In fact, nowhere does the '499 provisional even mention GPRS or packet switched data messages. Rather, at best, the '499 provisional only discusses telemetry between the medical device and the module. As is known in the art, telemetry is a continuous wireless transmission – it is not a message based transmission and is, therefore, not a GPRS or packet switched data message.

Moreover, the system described within the '499 provisional does not send data periodically or in response to instructions received within packet switched data messages from a programmable cellular telephone. Rather, to initiate telemetry in the '499 provisional, the user must press a button to interrogate the implanted medical device. In other words, the data is sent in response to the button press, not periodically or in response to instructions from the programmable cellular telephone. Accordingly, claim 1 is allowable over the '499 provisional. Moreover, claims 2-8, 10-12, 20, 22, 23, and 28-30 are allowable over the '499 provisional for at least the same reasons.

35 USC 103

The office action rejects claims 9, 13-19, 21, and 24-27 under 35 USC 103(a) as being unpatentable over Haller in view of various combinations of U.S. Patent No. 3,802,012 (Middleton, hereinafter "Middleton"), U.S. Patent No. 6,450,922 (Henderson et al., hereinafter "Henderson"), U.S. Patent No. 4,276,468 (Nagamoto et al., hereinafter "Nagamoto"), and U.S. Patent No. 5,207,784 (Scwartzendruber, hereinafter "Scwartzendruber").

As dependent claims of claim 1, claims 9, 13-19, 21, and 24-27 include all of the limitations of the base claim from which they depend. Therefore, claims 9, 13-19, 21, and 24-27 are allowable over the cited prior art for at least the same reasons as discussed above for claim 1.

U.S. Publication No. 2005/0203349 (Nanikashvili)

On page 14, the office action lists an additional reference (U.S. Publication No. 2005/0203349 to Nanikashvili) that is not relied upon but is considered pertinent. Applicant would like to note that the Nanikashvili reference, like the Haller reference, has a filing date that is after the priority date of the present application. Additionally, also like Haller, the priority document for the Nanikashvili reference (U.S. Application No., 09/261,136, filed on March 3, 1999, now U.S. Patent No. 6,366,871) has a substantially different specification and figures as compared to the Nanikashvili reference.

It is believed that the application is now in order for allowance and Applicants respectfully request that a notice of allowance be issued. Applicants believe that a three month extension of time is required and request that the associated fee be charged to deposit account number 19-4972. Additionally, please charge any additional fees required by this paper or credit any overpayment to deposit account number 19-4972. Applicant also requests that the examiner contact applicant's attorney, Jonathan Lovely, if it will assist in processing this application through issuance.

DATE: April 17, 2015

Respectfully submitted,
/Jonathan C. Lovely, #60,821/
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Attorney for Applicant
Sunstein Kann Murphy & Timbers LLP
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Electronic Patent Application Fee Transmittal								
Application Number:	14455190							
Filing Date:	08-Aug-2014							
Title of Invention:	PROGRAMMABLE COMMUNICATOR							
First Named Inventor/Applicant Name:	Eveline Wesby-van Swaay							
Filer:	Joi	nathan Lovely						
Attorney Docket Number:	37	81/1020						
Filed as Small Entity								
Filing Fees for Utility under 35 USC 111(a)								
Description		Fee Code	Quantity	Amount	Sub-Total in USD(\$)			
Basic Filing:								
Pages:								
Claims:								
Miscellaneous-Filing:	Miscellaneous-Filing:							
Petition:								
Patent-Appeals-and-Interference:								
Post-Allowance-and-Post-Issuance:								
Extension-of-Time:								

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)		
Extension - 3 months with \$0 paid	2253	1	700	700		
Miscellaneous:						
	Tot	al in USD	(\$)	700		

Electronic Acknowledgement Receipt					
EFS ID:	22092381				
Application Number:	14455190				
International Application Number:					
Confirmation Number:	3505				
Title of Invention:	PROGRAMMABLE COMMUNICATOR				
First Named Inventor/Applicant Name:	Eveline Wesby-van Swaay				
Customer Number:	2101				
Filer:	Jonathan Lovely				
Filer Authorized By:					
Attorney Docket Number:	3781/1020				
Receipt Date:	17-APR-2015				
Filing Date:	08-AUG-2014				
Time Stamp:	14:38:33				
Application Type:	Utility under 35 USC 111(a)				

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$700
RAM confirmation Number	897
Deposit Account	194972
Authorized User	

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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Amendment/Req. Reconsideration-After	klw 3781_1020_Response.pdf	365376	no	18
,	Non-Final Reject	KW3701_1020_Hesponse.par	6cc61cc204461d4e91fba377be7fb51a066b f766	110	
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	30725	no	2
_	, 55 , 51, 61, 65, 65, 65		47 eed 582 ed 89 a 07b def 468 e 846 13 d 2 a 3 a 7 f 1 e de 6		
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New International Application Filed with the USPTO as a Receiving Office

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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875							on or Docket Number 4/455,190	Filing Date 08/08/2014	To be Mailed	
	ENTITY: LARGE SMALL MICRO									
	APPLICATION AS FILED - PART I									
			(Column ⁻	1)	(Column 2)					
	FOR		NUMBER FIL	_ED	NUMBER EXTRA		RATE (\$)	F	EE (\$)	
\sqcup	BASIC FEE (37 CFR 1.16(a), (b),	or (c))	N/A		N/A		N/A			
	SEARCH FEE (37 CFR 1.16(k), (i), (i)	or (m))	N/A		N/A		N/A			
	EXAMINATION FE (37 CFR 1.16(o), (p),		N/A		N/A		N/A			
	ΓAL CLAIMS CFR 1.16(i))		mir	nus 20 = *			X \$ =			
IND	EPENDENT CLAIM CFR 1.16(h))	S	m	inus 3 = *			X \$ =			
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	MULTIPLE DEPEN	IDENT CLAIM P	RESENT (3	7 CFR 1.16(j))						
* If t	he difference in colu	ımn 1 is less tha	n zero, ente	r "0" in column 2.			TOTAL			
		(Column 1)		APPLICAT (Column 2)	ION AS AMEN		ART II			
NT	04/17/2015	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EX	(TR A	RATE (\$)	ADDITIO	ONAL FEE (\$)	
AMENDMENT	Total (37 CFR 1.16(i))	* 30	Minus	** 30	= 0		× \$40 =		0	
	Independent (37 CFR 1.16(h))	* 1	Minus	***3	= 0		x \$210 =		0	
AMI	Application Si	ze Fee (37 CFR	1.16(s))							
	FIRST PRESEN	ITATION OF MULT	IPLE DEPEN	DENT CLAIM (37 CFF	R 1.16(j))					
						_	TOTAL ADD'L FE	E	0	
		(Column 1)		(Column 2)	(Column 3	i)	_	_		
		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EX	(TRA	RATE (\$)	ADDITIO	ONAL FEE (\$)	
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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875						Application or Docket Number 14/455,190 Filing Date 08/08/2014 To be			To be Mailed	
	ENTITY:									
	APPLICATION AS FILED - PART I									
			(Column	1)	(Column 2)					
	FOR		NUMBER FI	.ED	NUMBER EXTRA		RATE (\$)	F	FEE (\$)	
	BASIC FEE (37 CFR 1.16(a), (b), (or (c))	N/A		N/A		N/A			
	SEARCH FEE (37 CFR 1.16(k), (i), o	or (m))	N/A		N/A		N/A			
	EXAMINATION FE (37 CFR 1.16(o), (p), o		N/A		N/A		N/A			
	CAL CLAIMS CFR 1.16(i))		mir	nus 20 = *			X \$ =			
IND	EPENDENT CLAIM CFR 1.16(h))	S	m	inus 3 = *			X \$ =			
	APPLICATION SIZE 37 CFR 1.16(s))	FEE of p	aper, the a	ation and drawing application size f y) for each additi of. See 35 U.S.C	ee due is \$310 (onal 50 sheets o	\$155 or				
	MULTIPLE DEPEN	NDENT CLAIM F	RESENT (3	7 CFR 1.16(j))						
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		(Column 1)		APPLICAT	ION AS AMEN		ART II			
:NT	04/17/2015	CLAIMS REMAINING AFTER AMENDMEN		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EX	TRA	RATE (\$)	ADDITIO	ONAL FEE (\$)	
AMENDMENT	Total (37 CFR 1.16(i))	* 30	Minus	** 30	= 0		× \$40 =		0	
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ENDM	Independent (37 CFR 1.16(h))	*	Minus	***	=		X \$ =			
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AM	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))									
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APPLICATION NUMBER FILING OR 371(C) DATE FIRST NAMED APPLICANT ATTY. DOCKET NO./TITLE

14/455,190 08/08/2014 Eveline Wesby-van Swaay

3781/1020 **CONFIRMATION NO. 3505**

2101 Sunstein Kann Murphy & Timbers LLP 125 SUMMER STREET BOSTON, MA 02110-1618 PUBLICATION NOTICE

OC00000072082491

Title:PROGRAMMABLE COMMUNICATOR

Publication No.US-2014-0348070-A1

Publication Date:11/27/2014

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The above-identified application will be electronically published as a patent application publication pursuant to 37 CFR 1.211, et seq. The patent application publication number and publication date are set forth above.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
14/455,190	08/08/2014	Eveline Wesby-van Swaay	3781/1020	3505	
	7590 10/24/201 Murphy & Timbers LL	EXAMINER			
125 SUMMER BOSTON, MA	STREET		ZHOU, YONG		
bos ion, ma	02110-1016		ART UNIT	PAPER NUMBER	
			2477		
			NOTIFICATION DATE	DELIVERY MODE	
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			10/24/2014	ELECTRONIC	

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	Application No. 14/455,190		Applicant(s) WESBY-VAN SWAAY, EVELINE						
Office Action Summary	Examiner YONG ZHOU	Art Unit 2477	AIA (First Inventor to File) Status 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 CHIS 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 8/14/2	<u>2014</u> .								
A declaration(s)/affidavit(s) under 37 CFR 1.13	30(b) was/were filed on	<u>-</u>							
2a) This action is FINAL . 2b) ▼ This	action is non-final.								
3) An election was made by the applicant in respo	nse to a restriction requiremen	nt set forth duri	ng the interview on						
; the restriction requirement and election	·								
4) Since this application is in condition for allowan	·								
closed in accordance with the practice under E.	<i>x parte Quayle</i> , 1935 C.D. 11,	453 O.G. 213.							
Disposition of Claims*									
5) Claim(s) <u>1-30</u> is/are pending in the application.									
5a) Of the above claim(s) is/are withdraw	in from consideration.								
6) Claim(s) is/are allowed.									
7) Claim(s) <u>1-30</u> 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 <u>allowable</u> , you may be eliq		rosecution Hial	nwav program at a						
participating intellectual property office for the corresponding ap			, p 9						
http://www.uspto.gov/patents/init_events/pph/index.jsp or send	·								
Application Papers									
10) The specification is objected to by the Examiner	· ·								
11) The drawing(s) filed on 8/8/2014 is/are: a) ac		the Examiner.							
Applicant may not request that any objection to the c									
Replacement drawing sheet(s) including the correction	on 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									
2. Certified copies of the priority documents	· · ·								
· · · · · · · · · · · · · · · · · · ·	3. Copies of the certified copies of the priority documents have been received in this National Stage								
application from the International Bureau ** See the attached detailed Office action for a list of the certifie	, , , , ,								
See the attached detailed Office action for a list of the certifie	u copies not received.								
Attachment(s)	_								
1) Notice of References Cited (PTO-892)	3) Interview Summa								
2) Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/S Paper No(s)/Mail Date	B/08b) Paper No(s)/Mail Other:	Paper No(s)/Mail Date 4) Other:							

U.S. Patent and Trademark Office PTOL-326 (Rev. 11-13)

Art Unit: 2477

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

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of pre-AIA 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-8, 10-12, 20, 22, 23 and 28-30 are rejected under pre-AIA 35 U.S.C. 102(e) as being anticipated by Haller et al. (US 2001/0051787, hereinafter Haller).

Regarding claim 1, Haller teaches a technical data monitoring device for use with a wireless data monitoring network (Figs. 3, 6A-6C & 7, implantable medical device (IMD)), the technical data monitoring device comprising:

a wireless communications circuit, the technical data monitoring device configured to establish a wireless communication link with a programmable interface of a programmable cellular telephone (Figs. 3 & 6B, [0022], lines 1-5, [0052], lines 5-8, [0082], lines 12-18, [0094], lines 3-11, [0095], wherein an IMD includes a RF transceiver for establishing a wireless communication link with a programmable mobile telephone),

the technical data monitoring device configured to send and/or receive wireless packet switched data transmissions (Fig. 6B, [0023], lines 1-12, [0082],

Art Unit: 2477

lines 1-6 and 12-18, wherein the IMD uploads and downloads data wirelessly via the mobile telephone to and from Internet),

the technical data monitoring device having an associated status condition ([0153], [0154], low battery, lead failure, etc),

the technical data monitoring device configured to generate data and send data over the wireless communication link for processing by the programmable cellular telephone periodically or in response to instructions received in a wireless packet switched message from the programmable cellular telephone (Fig. 6B, [0022], lines 1-5, [0023], lines 1-12, [0082], lines 12-18, [0088], lines 7-12, [0136], [0137], wherein the IMD generates and sends data or response to instruction messages wirelessly via the mobile telephone to a remote system),

wherein the data from the technical data monitoring device is (1) sent to be processed and displayed by the programmable cellular telephone and/or (2) sent to be processed and forwarded by the programmable cellular telephone to an Internet website via one or more General Packet Radio Service (GPRS), or other wireless packet switched data messages ([0082], lines 1-6 and 12-18, [0088], lines 7-12, [0123])

wherein the technical data monitoring device is configured to form part of the wireless data monitoring network in communication with the programmable cellular telephone (Fig. 6B); and

at least one technical device or system, the at least one technical device or system being at least one selected from the group consisting of a pressure sensor, a

Art Unit: 2477

heat sensor, a mechanical displacement sensor, a speed sensor, a temperature sensor, a sound threshold sensor, a movement sensor, an electrical power sensor, an infra-red radiation detector, a proximity detection sensor, a heart rate sensor, a water sensor, a location processing module, a GPS Global Positioning Systems module, a sensor for detecting any physical characteristic of the human skin, and a health monitoring system of one or more sensors, a sports performance monitoring system of one or more sensors, and a home security monitoring system of one or more sensors, and a home security monitoring system of one or more sensors ([0046], lines 1-6, [0059], [0080]),

wherein the data sent by the technical data monitoring device represents at least one of pressure data, heat data, mechanical displacement data, speed data, temperature data, sound threshold data, movement data, electrical power data, infra-red radiation data, proximity detection data, heart rate data, body temperature data, health data, water detection data, location data, GPS data, sports performance data, domestic appliance data, and home security data ([0154]).

Regarding claim 2, Haller further teaches that the technical data monitoring device is further configured to send and/or receive wireless transmissions compliant with Bluetooth wireless air interface standards ([0100], lines 1-8).

Regarding claim 3, Haller further teaches that the data from the technical data monitoring device is processed by a communications application running on the programmable cellular telephone ([0096], lines 1-12, [0105]).

Regarding claim 4, Haller further teaches that the health data represents at least one of body temperature, blood pressure, periodic or continuous

Art Unit: 2477

electrocardiogram heart rhythm, blood glucose concentration, blood electrolyte concentration, kidney function, liver function data, and labor contractions ([0154]).

Regarding claim 5, Haller further teaches that the technical data monitoring device is further configured to be worn on the body (Figs. 1, 6A & 6B).

Regarding claim 6, Haller further teaches that the technical monitoring device is integrated with a wrist strap or an attachment, wherein the wrist strap or attachment comprises one or more sensors (Figs. 4 & 5).

Regarding claim 7, Haller further teaches that the technical data monitoring device is further configured to transmit an alarm or data message to the programmable cellular telephone in response to a change in status of the said at least one technical data monitoring device ([0016], lines 7-11, [0022], lines 76-82, [0096], lines 1-5, [0153]).

Regarding claim 8, Haller further teaches that the technical data monitoring device is further configured to generate an alarm or data message in response to at least one selected from the group consisting of a change in pressure of a pressure sensor, a change in temperature of a temperature sensor, a change in position of a mechanical displacement sensor, and a change in position of an attachment ([0154], [0155]).

Regarding claim 10, Haller further teaches that the technical data monitoring device is further configured to be integrated with at least one sensor device to form a smart clothes device ([0109], lines 1-8, [0164], lines 1-5).

Regarding claim 11, Haller further teaches that the technical data monitoring device further comprises a health monitoring system having one or more sensors (Figs.

Art Unit: 2477

4 & 5), the technical data monitoring device further configured to transmit an alarm or data message to the programmable cellular telephone via the wireless communication link with the programmable interface, in response to a change in status of the at least one technical data monitoring device ([0016], lines 7-11, [0022], lines 76-82, [0096], lines 1-5, [0153]), wherein the data message includes data representing at least one of body temperature data, blood pressure data, periodic or continuous electrocardiogram heart rhythm data, blood glucose concentration data, blood electrolyte concentration data, kidney function data, liver function data, data representing any physical characteristic of the human skin, labor contraction data, electrical power data, and location data ([0154]).

Regarding claim 12, Haller further teaches that the health monitoring system is further configured to send and/or receive wireless transmissions compliant with Bluetooth wireless air interface standards or other wireless packet switched message air interface standard ([0100], lines 1-8).

Regarding claim 20, Haller further teaches that the technical data monitoring device is one device within a network of Bluetooth devices ([0100], lines 1-8, [0102], lines 1-7).

Regarding claim 22, Haller further teaches that the technical data monitoring device is also configured to communicate with the programmable cellular telephone using a wired connection ([0082], lines 10-12).

Art Unit: 2477

Regarding claim 23, Haller further teaches that the technical data monitoring device is also configured to receive data communications from the programmable cellular telephone (Fig. 6B, [0023], lines 1-12, ([0082], lines 12-18).

Regarding claim 28, Haller further teaches that the technical data monitoring device is further configured to be worn on a body, and form part of a network of at least one data reporting sensor, wherein each of the at least one data reporting sensor is configured to communicate with the programmable interface of a programmable cellular telephone via a packet switched radio communications link (Figs. 1 & 6B,, [0023], lines 1-12, [0082], lines 1-6 and 12-18).

Regarding claim 29, Haller further teaches that the at least one data reporting sensor is further configured to transmit an alarm or data message to the programmable cellular telephone via the wireless communication link with the programmable interface, in response to a change in status of the said at least one data reporting sensor, wherein the data message includes data representing at least one of mechanical displacement data, movement data, proximity detection data, speed data, infra-red radiation data, temperature data, pressure data, heat data, electrical power data, sound threshold data, and body temperature data ([0016], lines 7-11, [0022], lines 76-82, [0096], lines 1-5, [0153]).

Regarding claim 30, Haller further teaches that the at least one data reporting sensor is further configured to transmit an alarm or data message to the programmable cellular telephone via the wireless communication link with the programmable interface, wherein the at least one data reporting sensor is further configured to send and/or

Art Unit: 2477

receive wireless transmissions compliant with Bluetooth wireless air interface standards or other wireless packet switched message air interface standard ([0100], lines 1-8, [0102], lines 1-7).

Claim Rejections - 35 USC § 103

- 4. 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 negatived by the manner in which the invention was made.
- 5. Claims 9, 17 and 18 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Haller in view of Middleton, Jr. (US 3,802,012, hereinafter Middleton).

Regarding claim 9, Haller further teaches that the technical data monitoring device is attached to or integrated with an article of clothing ([0109], lines 1-8, [0164], lines 1-5).

Haller does not specifically teach the article of clothing including at least one selected from the group consisting of a jacket, a ski jacket, and a life vest.

Middleton teaches that a water pressure sensing device is attached to a life saving vests, jackets etc (Abstract).

Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to combine teachings from Middleton into the Haller invention to include the sensing device integrated with life saving vest to facilitate the dada sensing in emergency situations.

Art Unit: 2477

Regarding claims 17 and 18, Haller further teaches that the technical data monitoring device is attached to or integrated with an article of clothing ([0109], lines 1-8, [0164], lines 1-5), wherein the technical data monitoring device is further configured to transmit an alarm or data message to the programmable cellular telephone via the wireless communication link with the programmable interface, in response to a change in status of the said at least one technical data monitoring device, wherein the data message includes data representing at least one of body temperature data, blood pressure data, periodic or continuous electrocardiogram heart rhythm data, speed data, mechanical displacement data of an attachment, temperature data, movement data, electrical power data, infra-red radiation data, proximity detection data, location data, water detection data, and heart rate data ([0154], [0155]).

Haller does not specifically teach that the monitoring device is attached to or integrated with a life vest, and the technical data monitoring device is further integrated with a water sensor which becomes enabled when it comes into contact with water

Middleton teaches that a water pressure sensing device is attached to a life saving vests, jackets etc (Abstract).

Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to combine teachings from Middleton into the Haller invention to include the water sensing device integrated with a life saving vest to facilitate the dada sensing in emergency situations.

Art Unit: 2477

6. Claims 13-16 and 19 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Haller in view of Henderson et al. (US 6,450,922, hereinafter Henderson).

Regarding claim 13, Haller further teaches that the technical data monitoring device further comprises one or more sensors (Figs. 4 & 5), the technical data monitoring device further configured to transmit an alarm or data message to the programmable cellular telephone via the wireless communication link with the programmable interface, in response to a change in status of the said at least one technical data monitoring device, wherein the data message includes data representing at least one of body temperature data, blood pressure data, periodic or continuous electrocardiogram heart rhythm data, speed data, mechanical displacement data of an attachment, temperature data, movement data, electrical power data, infra-red radiation data, proximity detection data, location data, and heart rate data ([0154], [0155]).

Haller does not specifically teach that the technical data monitoring device further comprises a sports performance system.

Henderson teaches a heart rate monitor for monitoring cyclist performance (col. 4, lines 55-63).

Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to combine teachings from Henderson into the Haller invention to include a heart rate monitor for a cyclist to facilitate the sports performance monitoring.

Art Unit: 2477

Regarding claim 14, Haller further teaches that the sports performance system is further configured to send and/or receive wireless transmissions compliant with Bluetooth wireless air interface standards or other wireless packet switched message air interface standard ([0100], lines 1-8, [0102], lines 1-7).

Regarding claim 15, Haller further teaches the technical data monitoring device is further configured to transmit an alarm or data message to the programmable cellular telephone via the wireless communication link with the programmable interface, in response to a change in status of the said at least one technical data monitoring device, wherein the data message includes data representing at least one of body temperature data, blood pressure data, periodic or continuous electrocardiogram heart rhythm data, speed data, pressure data, mechanical displacement data of an attachment, temperature data, movement data, electrical power data, infra-red radiation data, proximity detection data, location data, and heart rate data ([0154], [0155]).

Haller does not specifically teach that the technical data monitoring device comprises a cyclist performance enhancement sensor system for a bicycle.

Henderson teaches a heart rate monitor for a bicycle (col. 4, lines 55-63).

Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to combine teachings from Henderson into the Haller invention to include a heart rate monitor for a bicycle to facilitate the sports performance monitoring.

Regarding claim 16, Haller further teaches that the cyclist performance enhancement sensor system is further configured to send and/or receive wireless

Art Unit: 2477

transmissions compliant with Bluetooth wireless air interface standards or other wireless packet switched message air interface standard ([0100], lines 1-8, [0102], lines 1-7).

Regarding claim 19, Haller further teaches that the technical data monitoring device is further configured to transmit an alarm or data message to the programmable cellular telephone via the wireless communication link with the programmable interface, in response to a change in status of the said at least one technical data monitoring device, wherein the data message includes data representing at least one of body temperature data, blood pressure data, periodic or continuous electrocardiogram heart rhythm data, speed data, mechanical displacement data of an attachment, temperature data, movement data, electrical power data, infra-red radiation data, proximity detection data, location data, and heart rate data ([0154], [0155]).

Haller does not specifically teach that the technical data monitoring device is attached to or integrated with a wrist strap.

Henderson teaches a wrist-type heart rate monitor for monitoring cyclist performance (col. 4, lines 55-63).

Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to combine teachings from Henderson into the Haller invention to include a wrist-type heart rate monitor for a cyclist to facilitate the sports performance monitoring.

Art Unit: 2477

7. Claims 21, 24 and 27 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Haller in view of Nagamoto et al. (US 4,276,468, hereinafter Nagamoto).

Regarding claims 21, 24 and 27, Haller further teaches that the technical data monitoring device is further configured to transmit an alarm or data message to the programmable cellular telephone via the wireless communication link with the programmable interface, in response to a change in status of the said at least one technical data monitoring device, wherein the data message includes data representing at least one of pressure data, heat data, mechanical displacement data, temperature data, sound threshold data, movement data, electrical power data, infra-red radiation data, proximity detection data, body temperature data, domestic appliance data, water pipe pressure data, home network data, door status data, window status data, and home security data.

Haller does not specifically teach that the technical data monitoring device comprises a domestic appliance monitoring system (claim 21), or is configured to be integrated with and/or embedded in a domestic appliance (claims 24 and 27).

Nagamoto teaches home appliance with sensor means for monitoring various condition (Abstract).

Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to combine teachings from Nagamoto into the Haller invention to include sensors in home appliances to facilitate automatic appliance control.

Art Unit: 2477

8. Claims 25 and 26 are rejected under pre-AIA 35 U.S.C. 103(a) as being

unpatentable over Haller in view of Schwartzendruber (US 5,207,784, hereinafter

Schwartzendruber).

Regarding claims 25 and 26, Haller teaches the limitations of claim 1, but fails

to specifically teach that the technical data monitoring device is configured to be

integrated with and/or embedded in a vending machine and to transmit status

information about the vending machine.

Schwartzendrube teaches vending machines with self-monitoring system to

detect and transmit the inventory status of the vending machine to a remote location.

Therefore, it would have been obvious to one having ordinary skill in the art at

the time the invention was made to combine teachings from Schwartzendrube into the

Haller invention to include monitor vending machines' inventory status to a relocation

location to facilitate remote control and inventory management of the vending machines.

Conclusion

9. The prior art made of record and not relied upon is considered pertinent to

applicant's disclosure.

Nanikashvili (US 2005/0203349).

10. Any inquiry concerning this communication or earlier communications from the

examiner should be directed to YONG ZHOU whose telephone number is (571)270-

Page 71 of 247

Art Unit: 2477

3451. The examiner can normally be reached on Monday - Friday 8:00am - 5:00pm

EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Chirag G. Shah can be reached on 571-272-3144. 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

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system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/YONG ZHOU/

Primary Examiner, Art Unit 2477

Notice of References Cited Application/Control No. 14/455,190 Applicant(s)/Patent Under Reexamination WESBY-VAN SWAAY, EVELINE Examiner YONG ZHOU Applicant(s)/Patent Under Reexamination WESBY-VAN SWAAY, EVELINE Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification					
*	Α	US-2001/0051787 A1	12-2001	Haller et al.	604/66					
*	В	US-3,802,012 A	04-1974	Middleton, Jr., William J.	441/95					
*	C	US-4,276,468 A	06-1981	Nagamoto et al.	377/2					
*	D	US-5,207,784 A	05-1993	Schwartzendruber, Wilbur	221/6					
*	Е	US-6,450,922 B1	09-2002	Henderson et al.	482/8					
*	F	US-2005/0203349 A1	09-2005	Nanikashvili, Reuven	600/300					
	G	US-								
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FOREIGN PATENT DOCUMENTS

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NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
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*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.

U.S. Patent and Trademark Office PTO-892 (Rev. 01-2001)

Notice of References Cited

Part of Paper No. 20141019

Search Notes

Application/Control No.	Applicant(s)/Patent Under Reexamination
14455190	WESBY-VAN SWAAY, EVELINE
Examiner	Art Unit
YONG ZHOU	2477

CPC- SEARCHED		
Symbol	Date	Examiner
A61B5/0024 G06F3/0481 G08C17/02 H04W12/06 H04W76/02	10/14/2014	YZ

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SEARCH NOTES		
Search Notes	Date	Examiner
Inventor search in PALM	10/14/2014	YZ
Inventor search in EAST, see search history printout	10/14/2014	YZ
Admitted reference search	10/14/2014	YZ
EAST classification search (CPC A61B, G06F, H04W) combined with keyword search; text search only	10/19/2014	YZ

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BIB DATA SHEET

CONFIRMATION NO. 3505

SERIAL NUM	SERIAL NUMBER FILING or 371(c				CLASS	GROUP ART UNIT		UNIT	ATTORNEY DOCKET	
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	Eveline Wesby-van Swaay, Stratford-upon-Avon, UNITED KINGDOM;									
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EAST Search History

EAST Search History (Prior Art)

Ref #	Hits Search Query		DBs	Default Operator	Plurals	Time Stamp
S1	13	(14/455190 14/175171 14/169,603 13/934763 13/801773 13/328095 12/538603 11/329212 10/296571).app.	US- PGPUB; USPAT	OR	ON	2014/10/13 14:55
S2	9	(Eveline near2 Wesby-van near2 Swaay).in.	US- PGPUB; USPAT	OR	ON	2014/10/13 15:00
S3	1	(10/296571 14/455073).app. "8872624".pn.	US- PGPUB; USPAT	OR	ON	2014/10/13 15:41
84	117	("4465904" "4658096" "4855713" "4908853" "4951029" "5012234" "5276729" "5293418" "5348008" "5381138" "5396264" "5581803" "5548271" "5581599" "5581803" "5623533" "5689442" "5689563" "5689825" "5699513" "5742233" "5742666" "5745049" "5752976" "5771455" "5774804" "5802460" "5831545" "5878339" "5884161" "5901320" "5903634" "5922074" "5940752" "5946636" "5948064" "5960366" "5974312" "5983350" "5995603" "5997476" "5999990" "6026293" "6031828" "6038491" "6041229" "6072396" "6075451" "6078948" "6108521" "6108531" "6125273" "6144859" "6148197" "6157318" "6172616" "6198390" "6208039" "6208839" "6208854" "6215994" "6230002" "6275143" "6288641" "6289084" "6295449" "6308083" "6314270" "6327466" "6377161" "6377577" "6388612" "6396416" "6411198" "6424623" "6442432" "6463474" "6487478" "6496777" "6519242" "6546239" "6553418" "6567671" "6573825" "6577881" "6606508" "6611755" "6633784" "6658586" "6671522" "6751452" "6759956" "6832102" "6833787" "6873842" "6900737" "6922547" "6970917" "6985742" "6988989" "7027808" "7084771" "7254601" "7558564" "7583197" "7599681" "8094010" "8542111" "8633802" "8648717" "20020046353" "20020080938" "20020013146" "20020198997" "20030176952" "20100035580" "20120088474").pn.	US- PGPUB; USPAT	OR	ON	2014/10/14 11:08
S5	50	(CA-1296068-\$ CA-2293393-\$ DE- 19625581-\$ DE-19625581-\$ DE- 19707681-\$ DE-19707681-\$ EP-	US- PGPUB; USPAT;	OR	ON	2014/10/14 11:09

		0432746-\$ EP-0432746-\$ EP-0459344-\$ EP-0459344-\$ EP-0524652-\$ EP-0632629-\$ EP-0772336-\$ EP-0804046-\$ EP-0996299-\$ EP-0996302-\$ EP-1013055-\$ GB-2313519-\$ JP-07087211-\$ JP-0964950-\$ JP-2000115859-\$ JP-2000115859-\$ JP-2000115859-\$ JP-2001177668-\$ JP-2001249860-\$ JP-2002077438-\$ WO-9505609-\$ WO-9642175-\$ WO-9716938-\$ WO-9723104-\$ WO-9838820-\$ WO-9851059-\$ WO-9856197-\$ WO-9913629-\$ WO-9920070-\$ WO-9934339-\$ WO-9949680-\$ WO-9956262-\$ WO-9957875-\$ WO-0017021-\$ WO-0018175-\$ WO-0056016-\$ WO-0070889-\$ WO-0103414-\$ WO-0135686-\$ WO-0135686-\$).did.	EPO; JPO; DERWENT			
S6	0	S4 and (monitor\$3 sens\$3) and (wireless near10 packet near3 switch\$3) and (cellular mobile) near5 (phone telephone) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 11:14
S7	0	\$5 and (monitor\$3 sens\$3) and (wireless near10 packet near3 switch\$3) and (cellular mobile) near5 (phone telephone) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2014/10/14 11:15
S8	20	S4 and (monitor\$3 sens\$3) same wireless and (cellular mobile) near5 (phone telephone) and (@ad< "20000523" @rlad< "20000523")	US- PGPUB; USP A T	OR	ON	2014/10/14 11:17
S9	0	S5 and (monitor\$3 sens\$3) same wireless and (cellular mobile) near5 (phone telephone) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2014/10/14 11:17
S10	102573	(monitor\$3 sens\$3) same wireless and (cellular mobile) near5 (phone telephone)	US- PGPUB; USPAT	OR	ON	2014/10/14 11:18
S11	38	(monitor\$3 sens\$3) same wireless and programmable near5 (cellular mobile) adj3 (phone telephone) and (wireless near10 packet near3 switch\$3)	US- PGPUB; USP A T	OR	ON	2014/10/14 11:29
S12	27	S11 and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 11:30
S13	2515	(monitor\$3 sens\$3) same wireless and (cellular mobile) adj3 (phone telephone) and (wireless near10 packet near3 switch\$3)	US- PGPUB; USPAT	OR	ON	2014/10/14 11:31
S14	85	(A61B5/0024 G06F3/0481 G08C17/02 H04W12/06 H04W76/02).cpc. and (monitor\$3 sens\$3) same wireless and (cellular mobile) adj3 (phone telephone) and (wireless near10 packet near3 switch\$3) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 11:35
S15	0	(A61B5/0024 G06F3/0481 G08C17/02	US-	OR	ON	2014/10/14

		H04W12/06 H04W76/02).cpc. and (monitor\$3 sens\$3) same wireless and programmable near10 (cellular mobile) adj3 (phone telephone) and (wireless near10 packet near3 switch\$3) and (@ad<"20000523")	PGPUB; USPAT			11:38
S16	15	(monitor\$3 sens\$3) same wireless and programmable near10 (cellular mobile) adj3 (phone telephone) and (wireless near10 packet near3 switch\$3) and (@ad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 11:41
S17	90	(monitor\$3 sens\$3) same wireless same3 (cellular mobile) adj3 (phone telephone) and (wireless near10 packet near3 switch\$3) and (@ad< "20000523" @rlad< "20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 11:54
S18	28	wireless same data near10 (monitor\$3 sens\$3) same3 (cellular mobile) adj3 (phone telephone) and (wireless near10 packet near3 switch\$3) and (@ad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 11:56
S19	0	(wireless same data near10 (monitor\$3 sens\$3)).ti,ab. same3 (cellular mobile) adj3 (phone telephone) and (wireless near10 packet near3 switch\$3) and (@ad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 11:58
S20	5	(wireless same data near10 (monitor\$3 sens\$3)).ti,ab. and (cellular mobile) adj3 (phone telephone) and (wireless near10 packet near3 switch\$3) and (@ad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 12:00
S21	851	((wireless BT Bluetooth (blue adj tooth)) same (monitor\$3 sens\$3)) and ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 12:06
S22	239	((wireless BT Bluetooth (blue adj tooth)) same (monitor\$3 sens\$3)) same3 (cellular mobile) adj3 (phone telephone) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 12:11
S23	15	((wireless BT Bluetooth (blue adj tooth)) same (monitor\$3 sens\$3)) same3 programmable near10 (cellular mobile) adj3 (phone telephone) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 12:12
S24	27	((wireless BT Bluetooth (blue adj tooth)) same (monitor\$3 sens\$3)) same3 programmable near10 ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) and ((wireless	US- PGPUB; USPAT	OR	ON	2014/10/14 13:17

		near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523" @rlad<"20000523")				
S25	0	((BT Bluetooth (blue adj tooth)) same (monitor\$3 sens\$3)) same3 programmable near10 ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 14:20
S26	299	((BT Bluetooth (blue adj tooth)) same3 (monitor\$3 sens\$3)) same3 ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 14:52
S27	152	((BT Bluetooth (blue adj tooth)) same (monitor\$3 sens\$3)) same3 ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 14:58
S28	35	((BT Bluetooth (blue adj tooth)) same (monitor\$3 sens\$3)) same ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) same3 ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 15:10
S29	1	(((BT Bluetooth (blue adj tooth)) same (monitor\$3 sens\$3)) same ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU))).ti,ab. and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 15:18
S30	154	(((BT Bluetooth (blue adj tooth)) same (interwork\$3 inter-work\$3 link\$3 coupl\$3 communicat\$3 interopera\$4 inter-opera\$4) same ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU))) same3 (monitor\$3 sens\$3)) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 17:32

S 31	87	(((BT Bluetooth (blue adj tooth)) near20 (interwork\$3 inter-work\$3 link\$3 coupl\$3 communicat\$3 interopera\$4 inter-opera\$4) near20 ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU))) same3 (monitor\$3 sens\$3 meter\$3)) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 17:36
S32	40	(((BT Bluetooth (blue adj tooth)) near20 (interwork\$3 inter-work\$3 link\$3 coupl\$3 communicat\$3 interopera\$4 inter-opera\$4) near20 ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU))) same (monitor\$3 sens\$3 meter\$3)) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 17:40
S33	25	(((Bluetooth (blue adj tooth)) near20 (interwork\$3 inter-work\$3 link\$3 coupl\$3 communicat\$3 interopera\$4 inter-opera\$4) near20 ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU))) same (monitor\$3 sens\$3 meter\$3)) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 20:17
	117	("4465904" "4658096" "4855713" "4908853" "4951029" "5012234" "5276729" "5293418" "5348008" "5381138" "5396264" "5544661" "5548271" "5581599" "5581803" "5623533" "5689442" "5689563" "5689825" "5699513" "5742233" "5742666" "5745049" "5752976" "5771455" "5774804" "5802460" "5831545" "5878339" "5884161" "5901320" "5903634" "5922074" "5940752" "5946636" "5948064" "5960366" "5974312" "5983350" "5995603" "5997476" "5999990" "6026293" "6031828" "6038491" "6041229" "6072396" "6075451" "6078948" "6108521" "6108531" "6125273" "6144859" "6148197" "6157318" "6172616" "6198390" "6208039" "6208839" "6208854" "6215994" "6230002" "6275143" "6288641" "6289084" "6295449" "6308083" "6314270" "6327466" "6377161" "6377577" "6388612" "6396416" "6411198" "6424623" "6442432" "64663474" "6487478" "6496777" "6519242" "6546239"	US- PGPUB; USPAT	OR	ON	2014/10/14 20:32

		"6553418" "6567671" "6573825" "6577881" "6606508" "6611755" "6633784" "6658586" "6671522" "6751452" "6759956" "6832102" "6833787" "6873842" "6900737" "6922547" "6970917" "6985742" "6988989" "7027808" "7084771" "7254601" "7558564" "7583197" "7599681" "8094010" "8542111" "8633802" "8648717" "20020046353" "20020080938" "20020013146" "20020198997" "20030176952" "20100035580" "20120088474").pn.				
S35	0	S34 and (((BT Bluetooth (blue adj tooth)) same (interwork\$3 inter-work\$3 link\$3 coupl\$3 communicat\$3 interopera\$4 inter-opera\$4) same ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU))) same3 (monitor\$3 sens\$3 meter\$3)) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523"	US- PGPUB; USPAT	OR	ON	2014/10/14 20:32
536	1	S34 and (((BT Bluetooth (blue adj tooth)) same (interwork\$3 inter-work\$3 link\$3 coupl\$3 communicat\$3 interopera\$4 inter-opera\$4) same ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU))) same3 (monitor\$3 sens\$3 meter\$3)) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/14 20:33
S37	5	13/116321.app. ("20070060055" "5185762" "20090285135").pn.	US- PGPUB; USP A T	OR	ON	2014/10/14 21:58
S38	5	11/421195.app. ("20060002324" "20060146746" "20050239445" "20060194600").pn.	US- PGPUB; USPAT	OR	ON	2014/10/14 22:12
S39	1	09/261136.app.	US- PGPUB; USPAT	OR	ON	2014/10/15 10:30
\$40	30	(Bluetooth (blue adj tooth) WLAN (wireless adj2 (LAN (local adj area adj network)))) near20 (interwork\$3 interwork\$3 link\$3 coupl\$3 communicat\$3 interopera\$4 inter-opera\$4) near20 ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) same (monitor\$3 sens\$3 meter\$3) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523"	US- PGPUB; USPAT	OR	ON	2014/10/15 10:56
S41	2	((Bluetooth (blue adj tooth) WLAN (wireless adj2 (LAN (local adj area adj network)))) same ((cellular mobile) adj3	US- PGPUB; USP A T	OR	ON	2014/10/15 11:06

		(phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) same (monitor\$3 sens\$3 meter\$3)).ti,ab. and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523")				
S42	516	(monitor\$3 sens\$3 meter\$3 detect\$3) same (Bluetooth (blue adj tooth) WLAN (wireless adj2 (LAN (local adj area adj network))) (wireless\$2 near3 (connect\$3 link\$3 coupl\$3 communicat\$3 transmi\$5))) same ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/15 11:12
543	8	(monitor\$3 sens\$3 meter\$3 detect\$3) near20 (wireless\$2 near3 (connect\$3 link\$3 coupl\$3 communicat\$3 transmi\$5)) near20 ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) same3 (Bluetooth (blue adj tooth) WLAN (wireless adj2 (LAN (local adj area adj network)))) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad< "20000523")	US- PGPUB; USPAT	OR	ON	2014/10/15 11:21
S44	55	(monitor\$3 sens\$3 meter\$3 detect\$3) near20 (wireless\$2 near3 (connect\$3 link\$3 coupl\$3 communicat\$3 transmi\$5)) near20 ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) and (Bluetooth (blue adj tooth) WLAN (wireless adj2 (LAN (local adj area adj network)))) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/15 11:25
S45		(monitor\$3 sens\$3 meter\$3) near20 (wireless\$2 near3 (connect\$3 link\$3 coupl\$3 communicat\$3 transmi\$5)) near20 ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) and (Bluetooth (blue adj tooth) WLAN (wireless adj2 (LAN (local adj area adj network)))) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/15 11:38
S46	13	(monitor\$3 sens\$3 metering) near20	US-	OR	ON	2014/10/15

		(wireless\$2 near3 (connect\$3 link\$3 coupl\$3 communicat\$3 transmi\$5)) near20 ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) and (Bluetooth (blue adj tooth) WLAN (wireless adj2 (LAN (local adj area adj network)))) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523" @rlad<"20000523")	PGPUB; USPAT			11:46
S47	109	(monitor\$3 sens\$3 metering) same (wireless\$2 near3 (connect\$3 link\$3 coupl\$3 communicat\$3 transmi\$5)) same ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) and (Bluetooth (blue adj tooth) WLAN (wireless adj2 (LAN (local adj area adj network)))) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/15 11:48
S48	7	(monitor\$3 sens\$3 metering) near20 (wireless\$2 near3 (connect\$3 link\$3 coupl\$3 communicat\$3 transmi\$5)) same ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) same3 (Bluetooth (blue adj tooth) WLAN (wireless adj2 (LAN (local adj area adj network)))) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/15 11:49
S49	28	(monitor\$3 sens\$3 metering) same (wireless\$2 near3 (connect\$3 link\$3 coupl\$3 communicat\$3 transmi\$5)) same ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) same3 (Bluetooth (blue adj tooth) WLAN (wireless adj2 (LAN (local adj area adj network)))) and ((wireless near10 packet near3 switch\$3) GPRS (general adj packet adj radio adj service) UMTS 3GPP) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/15 11:54
S50	1	09/281739.app.	US- PGPUB; USPAT	OR	ON	2014/10/15 15:11
S51	0	09/348506.арр.	US- PGPUB; USPAT	OR	ON	2014/10/15 15:18
S52	6	("6083248" "5931791" "4803625" "6144922" "20020124295" "20020082665").pn.	US- PGPUB; USPAT	OR	ON	2014/10/15 15:37
S53	0	(monitor\$3 sens\$3 metering) same (attach\$3 integrat\$3) same (life adj2	US- PGPUB;	OR	ON	2014/10/17 11:12

		vest) same3 (water near3 sens\$3) and (@ad< "20000523" @rlad< "20000523")	USPAT			
S54	13	(monitor\$3 sens\$3 metering) same (attach\$3 integrat\$3) same (life adj2 vest) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/17 11:13
S55	9	(monitor\$3 sens\$3 metering) near10 water same (attach\$3 integrat\$3) same (life adj2 vest) and (@ad< "20000523" @rlad< "20000523")	US- PGPUB; USPAT	OR	ON	2014/10/17 11:17
S56	0	sensor near10 water same (attach\$3 integrat\$3) same (life adj2 vest) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/17 11:19
S57	17	(monitor\$3 sens\$3 metering) near10 water same (life adj2 vest) and (@ad< "20000523" @rlad< "20000523")	US- PGPUB; USPAT	OR	ON	2014/10/17 11:20
S58	0	(monitor\$3 sens\$3 metering) near10 (wrist near3 strap) same cyclist and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/17 20:24
S59	25	(monitor\$3 sens\$3 metering) near20 wrist same (cyclist bicycle) and (@ad< "20000523" @rlad< "20000523")	US- PGPUB; USPAT	OR	ON	2014/10/17 20:26
S60	6	(monitor\$3 sens\$3 metering) near10 (heart heath blood) same wrist same (cyclist bicycle) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/18 05:44
S61	533	(monitor\$3 sens\$3 metering) same ((domestic home) adj3 appliance) and (@ad<"20000523" @rlad<"20000523")		OR	ON	2014/10/19 11:04
S62	205	(monitor\$3 sens\$3 metering) near10 ((domestic home) adj3 appliance) and (@ad< "20000523" @rlad< "20000523")	US- PGPUB; USPAT	OR	ON	2014/10/19 11:06
S63	2	(monitor\$3 sens\$3 metering) near20 ((domestic home) adj3 appliance) same ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) same3 (Bluetooth (blue adj tooth) WLAN (wireless adj2 (LAN (local adj area adj network)))) and (@ad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/19 11:09
S64	64 32 (monitor\$3 sens\$3 metering) same ((domestic home) adj3 appliance) same		US- PGPUB; USPAT	OR	ON	2014/10/19 11:11
S65	3	(monitor\$3 sens\$3 metering) near10 ((domestic home) adj3 appliance) same ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/19 11:12
S66	35	(monitor\$3 sens\$3 metering) near20 ((domestic home) adj3 appliance) same3 ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station		OR	ON	2014/10/19 11:16

		equipment device terminal) MS! UE WTRU)) and (@ad<"20000523" @rlad<"20000523")				
S67	76	(monitor\$3 sens\$3 metering) same ((domestic home) adj2 appliance) same3 ((cellular mobile) adj3 (phone telephone) ((mobile wireless user) adj2 (station equipment device terminal) MS! UE WTRU)) and (@ad<"20000523"	US- PGPUB; USPAT	OR	ON	2014/10/19 19:19
S68	30	((monitor\$3 sens\$3 metering) same ((domestic home) adj2 appliance)).ti,ab. and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USP A T	OR	ON	2014/10/19 19:21
S69	174	(monitor\$3 sens\$3 metering) same (vending adj machine) near5 (status condition state) and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/19 19:55
S70	145	(monitor\$3 sens\$3 metering) near20 (vending adj machine) near3 (status condition state) and (@ad< "20000523" @rlad< "20000523")	US- PGPUB; USPAT	OR	ON	2014/10/19 19:56
S71	14	((monitor\$3 sens\$3 metering) same (vending adj machine) near5 (status condition state)).ti,ab. and (@ad<"20000523" @rlad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/19 19:57
S72	14	((monitor\$3 sens\$3 metering) same (vending adj machine) near5 (status condition state)).ti,ab. and ((monitor\$3 sens\$3 metering) same (vending adj machine) near5 (status condition state)) and (@ad<"20000523")	US- PGPUB; USPAT	OR	ON	2014/10/19 20:00

EAST Search History (Interference)

< This search history is empty>

10/ 19/ 2014 9:03:28 PM C:\ Users\ yzhou\ Documents\ EAST\ Workspaces\ 14455190.wsp

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Eveline Wesby-van Swaay

Application No.: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner: Not Yet Assigned

Conf. No.: 3505

For: PROGRAMMABLE COMMUNICATOR

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

INFORMATION DISCLOSURE STATEMENT

List of Sections Forming Part of This Information Disclosure Statement

The following sections are being submitted for this Information Disclosure Statement:

1.	[x] Preliminary Statements
2.	[x] Forms PTO/SB/08A and 08B (substitute for Form PTO-1449)
3.	[] Statement as to Information Not Found in Patents or Publications
4.	[x] Identification of Prior Application in Which Listed Information Was Already Cited and for Which No Copies Are Submitted or Need Be Submitted
5.	[] Cumulative Patents or Publications
6.	[x] Copies of Listed Information Items Accompanying This Statement
7.	 [] Concise Explanation of Non-English Language Listed Information Items 7A. [] EPO Search Report 7B. [] English Language Version of EPO Search Report
8.	[x] Translation(s) of Non-English Language Documents
9.	[] Concise Explanation of English Language Listed Information Items (Optional)
10.	[x] Identification of Person(s) Making This Information Disclosure Statement

Section 1. Preliminary Statements

Applicants submit herewith patents, publications or other information, of which they are aware that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. *Notice of January 9, 1992, 1135 O.G. 13-25, at 25.*

(Information Disclosure Statement-Page 2 of 47)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

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Dated: August 14, 2014

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	U.S. PATENT DOCUMENTS						
Examiner	Reference	Document	Issue Date	Inventor	Class/Subclass		
Initials	Number	Number					
	AA	US 4,465,904	Aug. 14, 1984	Gottsegen et al.	179/5 R		
	AB	US 4,658,096	Apr.14, 1987	West, Jr. et al.	379/59		
	AC	US 4,855,713	Aug. 8, 1989	Brunius	340/506		
	AD	US 4,908,853	Mar. 13, 1990	Matsumoto	379/355		
	AE	US 4,951,029	Aug. 21, 1990	Severson	340/506		
	AF	US 5,012,234	Apr. 30, 1991	Dulaney et al.	340/825.44		
	AG	US 5,276,729 A	Jan. 4, 1994	Higuchi et al.	379/58		
	AH	US 5,293,418 A	Mar. 8, 1994	Fukawa	379/58		
	AI	US 5,348,008 A	Sep. 20, 1994	Bornn et al.	128/642		
	AJ	US 5,381,138 A	Jan. 10, 1995	Stair et al.	340/825.44		
	AK	US 5,396,264 A	Mar. 7, 1995	Falcone et al.	345/146		
	AL	US 5,544,661 A	Aug. 13, 1996	Davis et al.	128/700		
	AM	US 5,548,271 A	Aug. 20, 1996	Tsuchiyama et al.	340/311.1		
	AN	US 5,581,599 A	Dec. 3, 1996	Tsuji et al.	379/63		
	AO	US 5,581,803 A	Dec. 3, 1996	Grube et al.	455/54.1		
	AP	US 5,623,533 A	Apr. 22, 1997	Kikuchi et al.	379/58		
	AQ	US 5,689,442 A	Nov. 18, 1997	Swanson et al.	364/550		
	AR	US 5,689,563 A	Nov. 18, 1997	Brown et al.	380/23		
	AS	US 5,689,825 A	Nov. 18, 1997	Averbuch et al.	455/89		
	AT	US 5,699,513 A	Dec. 16, 1997	Feigen et al.	395/187.01		
	AU	US 5,742,233 A	Apr. 21, 1998	Hoffman et al.	340/573		
	AV	US 5,742,666 A	Apr. 21, 1998	Alpert	379/58		
	AW	US 5,745,049 A	Apr. 28, 1998	Akiyama et al.	340/870.17		
	AX	US 5,752,976 A	May 19, 1998	Duffin et al.	607/32		
	AY	US 5,771,455 A	Jun. 23, 1998	Kennedy, III et al.	455/456		
	AZ	US 5,774,804 A	Jun. 30, 1998	Williams	455/419		
	BA	US 5,802,460 A	Sep. 1, 1998	Parvulescu et al.	455/92		
	BB	US 5,831,545 A	Nov. 3, 1998	Murray et al.	340/825.49		
	BC	US 5,878,339 A	Mar. 2, 1999	Zicker et al.	455/419		

(Information Disclosure Statement-Page 3 of 47)

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	BD	US 5,884,161 A	Mar. 16, 1999	Hegeman	455/414		
	BE	US 5,901,320 A	May 4, 1999	Takahashi et al.	395/712		
	BF	US 5,903,634 A	May 11, 1999	Wakabayashi et al.	379/127		
	BG	US 5,922,074 A	Jul. 13, 1999	Richard et al.	713/200		
	BH	US 5,940,752 A	Aug. 17, 1999	Henrick	455/419		
	BI	US 5,946,636 A	Aug. 31, 1999	Uyeno et al.	455/566		
	BJ	US 5,948,064 A	Sep. 7, 1999	Bertram et al.	709/225		
	BK	US 5,960,366 A	Sep. 28, 1999	Duwaer	455/556		
	BL	US 5,974,312 A	Oct. 26, 1999	Hayes, Jr. et al.	455/419		
	BM	US 5,983,350 A	Nov. 9, 1999	Minear et al.	713/201		
	BN	US 5,995,603 A	Nov. 30, 1999	Anderson	379/142		
	ВО	US 5,997,476 A	Dec. 7, 1999	Brown	600/300		
	BP	US 5,999,990 A	Dec. 7, 1999	Sharrit et al.	710/8		
	BQ	US 6,026,293 A	Feb. 15, 2000	Osborn	455/411		
	BR	US 6,031,828 A	Feb. 29, 2000	Koro et al.	370/336		
	BS	US 6,038,491 A	Mar. 14, 2000	McGarry et al.	700/231		
	BT	US 6,041,229 A	Mar. 21, 2000	Turner	455/420		
	BU	US 6,072,396 A	Jun. 6, 2000	Gaukel	340/573.4		
	BV	US 6,075,451 A	Jun. 13, 2000	Lebowitz et al.	340/825.06		
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	BY	US 6,108,531 A	Aug. 22, 2000	Berg et al.	455/408		
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	CA	US 6,144,859 A	Nov. 7, 2000	LaDue	455/511		
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	CC	US 6,157,318 A	Dec. 5, 2000	Minata	340/825.44		
	CD	US 6,172,616 B1	Jan. 9, 2001	Johnson et al.	340/870.12		
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(Information Disclosure Statement-Page 4 of 47)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Initials	Number	Number							
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	СН	US 6,208,854 B1	Mar. 27, 2001	Roberts et al.	455/417				
	CI	US 6,215,994 B1	Apr. 10, 2001	Schmidt et al.	455/419				
	CJ	US 6,230,002 B1	May 8, 2001	Flodén et al.	455/411				
	CK	US 6,275,143 B1	Aug. 14, 2001	Stobbe	340/10.34				
	CL	US 6,288,641 B1	Sep. 11, 2001	Casais	340/539				
	CM	US 6,289,084 B1	Sep. 11, 2001	Bushnell	379/67.1				
	CN	US 6,295,449 B1	Sep. 25, 2001	Westerlage et al.	455/422				
	CO	US 6,308,083 B2	Oct. 23, 2001	King	455/556				
	CP	US 6,314,270 B1	Nov. 6, 2001	Uchida	455/67.1				
	CQ	US 6,327,466 B1	Dec. 4, 2001	Savolainen	455/407				
	CR	US 6,377,161 B1	Apr. 23, 2002	Gromelski et al.	340/7.45				
	CS	US 6,377,577 B1	Apr. 23, 2002	Bechtolsheim et al.	370/392				
	CT	US 6,388,612 B1	May 14, 2002	Neher	342/357.07				
	CU	US 6,396,416 B1	May 28, 2002	Kuusela et al.	340/870.28				
	CV	US 6,411,198 B1	Jun. 25, 2002	Hirai et al.	340/7.6				
	CW	US 6,424,623 B1	Jul. 23, 2002	Borgstahl et al.	370/230				
	CX	US 6,442,432 B2	Aug. 27, 2002	Lee	607/59				
	CY	US 6,463,474 B1	Oct. 8, 2002	Fuh et al.	709/225				
	CZ	US 6,487,478 B1	Nov. 26, 2002	Azzaro et al.	701/24				
	DA	US 6,496,777 B2	Dec. 17, 2002	Tennison et al.	701/213				
	DB	US 6,519,242 B1	Feb. 11, 2003	Emery et al.	370/338				
	DC	US 6,546,239 B1	Apr. 8, 2003	Pazdersky et al.	455/410				
	DD	US 6,553,418 B1	Apr. 22, 2003	Collins et al.	709/224				
	DE	US 6,567,671 B2	May 20, 2003	Amin	455/550				
	DF	US 6,573,825 B1	Jun. 3, 2003	Okano	340/7.51				
	DG	US 6,577,881 B1	Jun. 10, 2003	Ehara	455/563				
	DH	US 6,606,508 B2	Aug. 12, 2003	Becker et al.	455/567				
	DI	US 6,611,755 B1	Aug. 26, 2003	Coffee et al.	701/213				

(Information Disclosure Statement-Page 5 of 47)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

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Examiner	Reference	Document	Issue Date	Inventor	Class/Subclass				
Initials	Number	Number							
	DJ	US 6,633,784 B1	Oct. 14, 2003	Lovelace, II et al.	700/65				
	DK	US 6,658,586 B1	Dec. 2, 2003	Levi	714/4				
	DL	US 6,671,522 B1	Dec. 30, 2003	Beaudou	455/558				
	DM	US 6,751,452 B1	Jun. 15, 2004	Kupczyk et al.	455/345				
	DN	US 6,759,956 B2	Jul. 6, 2004	Menard et al.	340/539.19				
	DO	US 6,832,102 B2	Dec. 14, 2004	I'Anson	455/556.1				
	DP	US 6,833,787 B1	Dec. 21, 2004	Levi	340/539.13				
	DQ	US 6,873,842 B2	Mar. 29, 2005	Elayda et al.	455/418				
	DR	US 6,900,737 B1	May 31, 2005	Ardalan et al	340/870.02				
	DS	US 6,922,547 B2	Jul. 26, 2005	O'Neill et al.	455/17				
	DT	US 6,970,917 B1	Nov. 29, 2005	Kushwaha et al.	709/217				
	DU	US 6,985,742 B1	Jan. 10, 2006	Giniger et al.	455/456.1				
	DV	US 6,988,989 B2	Jan. 24, 2006	Weiner et al.	600/300				
	DW	US 7,027,808 B2	Apr. 11, 2006	Wesby	455/419				
	DX	US 7,084,771 B2	Aug. 1 2006	Gonzalez	340/573.1				
	DY	US 7,254,601 B2	Aug. 7, 2007	Baller et al.	709/200				
	DZ	US 7,558,564 B2	Jul. 7, 2009	Wesby	455/419				
	EA	US 7,583,197 B2	Sep. 1, 2009	Wesby Van Swaay	340/573.4				
	EB	US 7,599,681 B2	Oct. 6, 2009	Link, II et al.	455/411				
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	EE	US 8,633,802 B2	Jan. 21, 2014	Wesby-van Swaay	340/7.29				
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Examiner	Reference	Document Number	Publication	Inventor	Class/	
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	EG	US 2001/0001234 A1	May 17, 2001	Addy et al.	340/531	

(Information Disclosure Statement-Page 6 of 47)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

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U.S. PATENT PUBLICATION DOCUMENTS								
Examiner	Reference	Document Number	Publication	Inventor	Class/			
Initials	Number		Date		Subclass			
	EH	US 2002/0046353 A1	Apr. 18, 2002	Kishimoto	713/202			
	EI	US 2002/0080938 A1	Jun. 27, 2002	Alexander, III et al.	379/106.01			
	EJ	US 2002/0013146 A1	Jan. 31, 2002	Albrecht	455/420			
	EK	US 2002/0198997 A1	Dec. 26, 2002	Linthicum et al.	709/227			
	EL	US 2003/0176952 A1	Sep. 18, 2003	Collins et al.	700/286			
	EM	US 2010/0035580 A1	Feb. 11, 2010	Wesby - Van Swaay	455/411			
	EN	US 2012/0088474 A1	Apr. 12, 2012	Wesby-van Swaay	455/411			

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Examiner Initials	Reference Number	Country Code	Document Number	Publication Date	Patentee or Applicant	Class/ Subclass		
	ЕО	EP	0 432 746 A2	Jun. 19, 1991	Siemens Nixdorf Inf. Syst.	H04M 1/57		
	EP	EP	0 432 746 A2 [English Abstract]	Jun. 19, 1991	Siemens Nixdorf Inf. Syst.	H04M 1/57		
	EQ	EP	0 459 344 A1	Dec. 4, 1991	Alcatel CIT	H04Q 7/04		
	ER	EP	0 459 344 A1 [English Abstract]	Dec. 4, 1991	Alcatel CIT	H04Q 7/04		
	ES	CA	1,296,068 C	Feb. 18, 1992	Friesen	A61B 5/00		
	ET	EP	0 524 652 A2	Jan. 27, 1993	Ransome Industries Ltd.	H04M 1/274		
	EU	EP	0 632 629 A1	Jan. 4, 1995	Multi-Tech Systems, Inc.	H04L 29/06		
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(Information Disclosure Statement-Page 7 of 47)

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Initials	Number	Code	Number	Date	Applicant	Subclass		
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					Corp.			
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			[English Abstract]		Corp.			
	EY	wo	96/42175 A1	Dec. 27, 1996	NE-Products	H04Q 7/22		
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	FB	EP	0 772 336 A2	May 7, 1997	Straeuli et al.	H04M 9/00		
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			[English Abstract]					
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	FE	WO	97/23104 A1	Jun. 26, 1997	Ericsson Inc.	H04Q 7/22		
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	FG	GB	2 313 519 A	Nov. 26, 1997	Motorola GmbH	H04Q 7/32		
	FH	DE	196 25 581 A1	Dec. 18, 1997	Plaas-Link	G08B 25/10		
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(Information Disclosure Statement-Page 8 of 47)

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	FL	wo	98/38820 A2	Sep. 3, 1998	Telefonaktiebola- get LM Ericsson	H04Q 7/22		
	FM	WO	98/51059 A2	Nov. 12, 1998	Easy-Phone GmbH	H04M 1/72		
	FN	WO	98/56197 A1	Dec. 10, 1998	Telia AB	H04Q 7/22		
	FO	CA	2 293 393 A1 (with English Abstract)	Dec. 23, 1998	Swisscom AG	H04Q 007/32		
	FP	WO	99/13629 A1	Mar. 18, 1999	Wesby et al.	H04M 1/72		
	FQ	WO	99/20070 A2	Apr. 22, 1999	NE-Products OY	H04Q 7/38		
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(Information Disclosure Statement-Page 9 of 47)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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	FY	JP	2000-115859 A	Apr. 21, 2000	Ericsson Inc.	H04Q 7/38		
			[English Abstract]					
	FZ	EP	0 996 299 A1	Apr. 26, 2000	Societé Française du Radiotéléphone SRF	H04Q 7/22		
	GA	EP	0 996 302 A1	Apr. 26, 2000	CIT Alcatel	H04Q 7/32		
	GB	EP	0 996 302 A1 [English Abstract]	Apr. 26, 2000	CIT Alcatel	H04Q 7/32		
	GC	JP	2000-135384 A	May 16, 2000	Fujitsu Ltd.	A63H 3/33		
	GD	JP	2000-135384 A [English Abstract]	May 16, 2000	Fujitsu Ltd.	A63H 3/33		
	GE	WO	00/56016 A1	Sep. 21, 2000	Siemens AG Österreich	H04L 12/28		
	GF	WO	00/70889 A1	Nov. 23, 2000	Medtronic Physio-Control Manufacturing Corp.	H04Q 7/08		
	GG	WO	01/03414 A1	Jan. 11, 2001	Musco Corp.	H04M 11/00		
	GH	WO	01/35686 A1	May 17, 2001	Wavecom	H04Q 7/32		
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(Information Disclosure Statement-Page 10 of 47)

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	GM	JР	2001-249860 A [English Abstract]	Sep. 14, 2001	Kenwood Corp.	G06F 13/00		
	GN	JP	2002-077438 A	Mar. 15, 2002	Sony Corp.	H04M 11/00		
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	GT		Photo of METOD Localization objects 8604 1 page			

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

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Initials	Number		Numbers, Date			
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		Partnership Project)	Specification Group Terminals; Characteristics of the USIM Application (3G TS 31.102, version 3.0.), 104 pages (January, 2000)			
	GV	3GPP (3 rd Generation	3 rd Generation Partnership Project; Technical			
		Partnership Project)	Specification Group Terminals; AT command set for 3GPP User Equipment (UE) (3G TS 27.007, version 3.4.0, Release 1999), 154 pages (March, 2000)			
	GW	3GPP (3rd Generation Partnership Project)	3 rd Generation Partnership Project; Technical Specification Group Terminals; USIM Application Toolkit (USAT) (3GTS 31.111, version 3.0.0, Release 1999), 138 pages (April, 2000)			
	GX	3GPP (3 rd Generation Partnership Project)	3 rd Generation Partnership Project; Technical Specification Group Services and System Aspects; International Mobile station Equipment Identities (IMEI) (Release 9), Version 9.0.0, 8 pages (September, 2009) 3GPP – TS 22.016			
	GY	3GPP (3 rd Generation Partnership Project)	The Mobile Broadband Standard, 3GPP Specification detail, Specification of the Subscriber Identity Module –			
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	GZ	3GPP (3 rd Generation Partnership Project)	The Mobile Broadband Standard, 3GPP Specification detail, General Packet Radio Service (GPRS); Service description; Stage 2, 3 pages (April, 2014) 3GPP TS 03.60			
	HA	AirLink Communications, Inc.	"AirLink Communications Releases New Wireless ACE," 1 page (April, 1998)			

(Information Disclosure Statement-Page 12 of 47)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

	OTHER DOCUMENTS						
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		Communications, Inc.	1998)				
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			.airlink.com)				
	нс	AirLink	CDPD Raven, Raven Brochure, 2 pages (January, 1999)				
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	HE	AirLink	PinPoint Vehicle Installation Guide, 6 pages (February,				
		Communications, Inc.	2000)				
	HF	AirLink	Raven Installation Guide, 8 pages (May, 2000)				
		Communications, Inc.					
	HG	AirLink	Wireless ACE Release Notes: "7/12/00 – ACE version				
	IIG	Communications, Inc.	1.50," 3 pages (August, 2000)				
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	НН	AirLink	Proven Wireless Solutions, Intelligent Transportation				
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(Information Disclosure Statement-Page 13 of 47)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

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	нк	AirLink Communications, Inc.	Press Release: "AirLink Communications & Novatel Wireless Enforce Better Communications for the Tampa Police Department," 2 pages (May, 2001)
	HL	AirLink Communications, Inc.	ACE Release Notes: "7/26/02 - ACE version 1.80.15," 5 pages (October, 2002)
	HM	AirLink Communications, Inc.	AirLink CDPD Modem AT Commands, Quick Reference, 24 pages (October, 2002)
	HN	AirLink Communications, Inc.	Raven Firmware Release Notes: "January 25, 2002 Raven II Release 200201D," 2 pages (October, 2002)
	НО	AirLink Communications, Inc.	Wireless ACE, User's Manual, 48 pages (December, 2002)
	НР	Akselsen et al.	Telemedicine and ISD, IEEE Communications Magazine, pp. 46-51 (January, 1993)
	HQ	Auerbach	Handbook of Local Area Networks 1999, 67 pages (1996)
	HR	Azzaro et al.	Provisional Application – 60/162,249, dated October 28, 1999 (21 pages)

(Information Disclosure Statement-Page 14 of 47)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

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	НТ	BioPhone	BIOPHONE 3502u, Instruction & Troubleshooting Manual, 149 Pages (May, 1978)
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	HV	Blasch et al.	"Georgia Tech Aerial Robotics System Competition Entry," Georgia Institute of Technology School of Aerospace, 10 pages (March, 1994)
	HW	Bult et al.	Low Power Systems for Wireless Microsensors, UCLA Electrical Engineering Department, Los Angeles, CA and Rockwell Science Center, Thousand Oaks, CA, 5 pages (1996)
	HX	Carman et al / NAI Labs	A Communications Security Architecture and Cryptographic Mechanisms for Distributed Sensor Networks, DARPA/ITO Sensor IT Workshop, 24 pages (October, 1999)
	HY	CDPD Forum, Inc.	"Circuit Switched - Cellular Digital Packet Data," Part 1024, Release 1.5, 90 pages (June, 1995)
	HZ	CDPD Forum, Inc.	"CS CDPD Modem Bank Management Protocol (MBMP)," Part 1025, Release 1.5, 48 pages (June, 1995)
	IA	CDPD Forum, Inc.	"CS CDPD Accounting Service and Protocol," Part 1026, Release 1.5, 20 pages (June, 1995)

(Information Disclosure Statement-Page 15 of 47)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

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			OUTBACK or This, '4 pages
	ID	Davies	"A Brief History of Cryptography," <i>Information Security Technical Report</i> , Vol. 2, No. 2, pp. 14-17 (1997)
	IE	DeRose	"The Wireless Data Handbook," 4 th Edition, 399 pages (1999)
	IF	Doelz et al.	"Binary Data Transmission Techniques for Linear Systems*," <i>Proceedings of the IRE</i> , pp. 656-661 (May, 1957)
	IG	Electronic Compliance Laboratories, Inc.	EMI Test Report on Symphony ISA Card; Prepared for Proxim, Test Report No. A806003, 42 pages (June, 1998)
	IH	European Telecommunications Standards Institute (ETSI)	Release Note: Recommendation GSM 02.16, International MS Equipment Identities, European digital cellular telecommunication system (phase 1); GSM Technical Specification, Version 3.0.1, 9 pages (February, 1992)
	П	European Telecommunications Standards Institute (ETSI)	Digital cellular telecommunications system (Phase 2+); Network architecture (GSM 03.02, version 5.0.0), TS/SMG-030302Q, 20 pages (March, 1996)

(Information Disclosure Statement-Page 16 of 47)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

		OTHER	DOCUMENTS
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	IK	European Telecommunications Standards Institute (ETSI)	Digital cellular telecommunications system (Phase 2+); Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface (GSM 11.11, version 5.3.0), TS/SMG-091111QR1, 113 pages (July, 1996)
	IL	European Telecommunications Standards Institute (ETSI)	Digital cellular telecommunications system (Phase 2+); Specification of the SIM Application Toolkit for the Subscriber Identity Module - Mobile Equipment (SIM - ME) interface (GSM 11.14, version 5.1.0), TS/SMG-091114Q, 54 pages (August, 1996)
	IM	European Telecommunications Standards Institute (ETSI)	Digital cellular telecommunications system (Phase 2+); General Packet Radio Service (GPRS); Service description Stage 2 (GSM 03.60, version 6.3.2, Release 1997), 107 pages (July, 1997) EN 301 344
	IN	European Telecommunications Standards Institute (ETSI)	Digital cellular telecommunications system (Phase 2+); Specification of the SIM Application Toolkit for the Subscriber Identity Module - Mobile Equipment (SIM - ME) interface,, GSM 11.14, version 5.4.0), TS/SMG-091114Q, 56 pages (July, 1997)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

		OTHER	DOCUMENTS
Examiner	Reference	Author	Title of Article, Title of Journal, Volume Number, Page
Initials	Number		Numbers, Date
	Ю	European Telecommunications Standards Institute (ETSI)	GSM Technical Specification – Digital cellular telecommunications system (Phase 2+); Use of Data Terminal Equipment - Data Circuit terminating; Equipment (DTE - DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS) (GSM 07.05, version 5.5.0, Release 1998), 69 pages (January, 1998) Reference: GTS/SMG-040705QR
	IP	ETSI European Telecommunications Standards Institute (ETSI)	Digital cellular telecommunications system (Phase 2+); AT command set for GSM Mobile Equipment (ME) (GSM 07.07, version 5.5.0), RE/SMG-040707QR3, 97 pages (February, 1998)
	IQ	European Telecommunications Standards Institute (ETSI)	Technical Specification: Digital cellular telecommunications system (Phase 2+); Mobile Stations (MS) features (GSM 02.07, version 6.1.0, Release 97), 22 pages (July, 1998) TS 100 906
	IR	European Telecommunications Standards Institute (ETSI)	Technical Specification: Digital cellular telecommunications system (Phase 2+); Security Mechanisms for the SIM application toolkit; Stage 2 (GSM 03.48, version 6.1.0, Release 97), 20 pages (July, 1998) TS 101 181

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

		OTHER	ROCUMENTS
Examiner Initials	Reference Number	Author	Title of Article, Title of Journal, Volume Number, Page Numbers, Date
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	IT	European Telecommunications Standards Institute (ETSI)	Technical Specification: Digital cellular telecommunications system (Phase 2+); Specification of the SIM Application Toolkit for the Subscriber Identity Module - Mobile Equipment (SIM - ME) interface (GSM 11.14, version 7.1.0, Release 1998), 98 pages (November, 1998)
	IU	European Telecommunications Standards Institute (ETSI)	Digital cellular telecommunications system (Phase 2+); Specification of the SIM application toolkit for the Subscriber Identity Module - Mobile Equipment (SIM - ME) interface (GSM 11.14, version 6.2.0, Release 1997), 82 pages (November, 1998)
	IV	European Telecommunications Standards Institute (ETSI)	Digital cellular telecommunications system (Phase 2+); Use of Data Terminal Equipment - Data Circuit terminating; Equipment (DTE - DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS) (GSM 07.05, version 7.0.0, Release 1998), Available SMG only, 66 pages (March, 1999)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

		OTHER	R DOCUMENTS
Examiner Initials	Reference Number	Author	Title of Article, Title of Journal, Volume Number, Page Numbers, Date
	IW	European Telecommunications Standards Institute (ETSI)	Digital cellular telecommunications system (Phase 2+); Specification of the Subscriber Identity Module - Mobile Equipment (SIM - ME) interface (GSM 11.11, version 7.2.0, Release 1998), SMG version only, not for publication, 133 pages (March, 1999)
	IX	European Telecommunications Standards Institute (ETSI)	Technical Specification: Digital cellular telecommunications system (Phase 2+); Specification of the SIM Application Toolkit for the Subscriber Identity Module - Mobile Equipment (SIM - ME) interface (GSM 11.14, version 7.3.0, Release 1998) 101 pages, (July, 1999) TS 101 267
	IY	European Telecommunications Standards Institute (ETSI)	Technical Specification: Digital cellular telecommunications system (Phase 2+); Security Mechanisms for the SIM application toolkit; Stage 2 (GSM 03.48, version 7.0.1, Release 1998), 21 pages (July, 1999) ETSI TS 101 181
	IZ	European Telecommunications Standards Institute (ETSI)	Technical Specification: Digital cellular telecommunications system (Phase 2+); General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS (GSM 07.60, version 7.0.0, Release 1998), 47 pages (July, 1999) ETSI TS 101 356
	JA	European Telecommunications Standards Institute (ETSI)	Technical specification: Digital cellular telecommunications system (Phase 2+); AT command set for GSM Mobile Equipment (ME) (GSM 07.07, version 7.3.0, Release 1998), 125 pages (July, 1999) ETSI TS 100 916

(Information Disclosure Statement-Page 20 of 47)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

		OTHER	ROCUMENTS
Examiner Initials	Reference Number	Author	Title of Article, Title of Journal, Volume Number, Page Numbers, Date
	JB	European Telecommunications Standards Institute (ETSI)	Technical Specification: Digital cellular telecommunications system (Phase 2+); GSM Release 1999 Specifications (GSM 01.01, version 0.4.0, Release 1999), 22 pages (October, 1999)
	JC	European Telecommunications Standards Institute (ETSI)	Technical Specification: Digital cellular telecommunications system (Phase 2+); GSM Release 1999 Specifications (GSM 01.01, version 1.0.0, Release 1999), 23 pages (November, 1999)
	JD	European Telecommunications Standards Institute (ETSI)	Technical Specification: Digital cellular telecommunications system (Phase 2+); Subscriber Identity Module Application Programming Interface (SIM API); SIM API for Java Card TM ; Stage 2 (GSM 03.19, version 7.0.0, Release 1998), 22 pages (November, 1999) ETSI TS 101 476
	JE	European Telecommunications Standards Institute (ETSI)	Technical Specification: Digital cellular telecommunications system (Phase 2+); AT command set for GSM Mobile Equipment (ME) (GSM 07.07, version 6.4.0, Release 1997), 116 pages (November, 1999) ETSI TS 100 916
	JF	European Telecommunications Standards Institute (ETSI)	Technical specification: Digital cellular telecommunications system (Phase 2+); AT command set for GSM Mobile Equipment (ME) (GSM 07.07, version 7.5.0, Release 1998), 127 pages (December, 1999) ETSI TS 100 916

(Information Disclosure Statement-Page 21 of 47)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

		OTHER	DOCUMENTS
Examiner Initials	Reference Number	Author	Title of Article, Title of Journal, Volume Number, Page Numbers, Date
	JG	European Telecommunications Standards Institute (ETSI)	Digital cellular telecommunications system (Phase 2+); AT command set for GSM Mobile Equipment (ME) (GSM 07.07, version 5.9.1, Release 1996), 98 pages (December, 1999) ETS 300 916
	JH	European Telecommunications Standards Institute (ETSI)	Digital cellular telecommunications system (Phase 2+); Specification of the Subscriber Identity Module – Mobile Equipment (SIM-ME) interface, (GSM 11.11, version 7.4.0, Release 1998), 134 pages (December, 1999)
	JI	European Telecommunications Standards Institute (ETSI)	Technical Specification: Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Use of Data Terminal Equipment – Data Circuit terminating; Equipment (DTE-DCE) interface for Cell Broadcast Service (CBS) (3G TS 27.005, version 3.1.0, Release 1999), 70 pages (January, 2000) ETSI TS 127 005
	JJ	European Telecommunications Standards Institute (ETSI)	Technical Specification: Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); AT command set for 3GPP User Equipment (UE) (3G TS 27.007, version 3.3.0, Release 1999), 147 pages (January, 2000) ETSI TS 127 007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

		OTHER	R DOCUMENTS
Examiner Initials	Reference Number	Author	Title of Article, Title of Journal, Volume Number, Page Numbers, Date
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	JL	European Telecommunications Standards Institute (ETSI)	GSM Technical Specification: Digital cellular telecommunications system (Phase 2+); International Mobile station Equipment Identities (IMEI) (GSM 02.16, version 5.2.0, Release 1996), 12 pages (August, 2000) Reference: RGTS/SMG-010216QR2
500000000000000000000000000000000000000	JM	Falcom GmbH	TANGO Hardware Description, Version 1.04, 50 pages
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999000000000000000000000000000000000000	JO	Falcom GmbH	FALCOM A2D-3, A2D-3JP3, A3D & A3D-JP3, User's Manual, Version 1:08, 69 pages
000000555555578787888888989	JP	Falcom GmbH	FALCOM A2D (Including A2D-A/B/C and A2D-1), version 1.12, 94 pages
	JQ	Falcom GmbH	FALCOM A2D-3, A2D-3JP3, A3D & A3DJP3

(Information Disclosure Statement-Page 23 of 47)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

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	JS	Falcom	GSM Modul, GSM Modem und GSM Telefon für Daten, Fax, SMS und Sprache mit RS232, Falcom A2 GSM 900, 6 pages (January, 2014)
	JT	Falcom	GSM modul, GSM Modem and GSM phone for data, Fax, SMS and voice with RS232, Falcom A2 GSM 900, 6 pages (January, 2014)
			[English Translation]
000000000000000000000000000000000000000	JU	Falcon	Falcon® 330 & 335; Portable Data Terminals, "Setting a New Standard for Industrial Portable Data Collection
			Terminals," 2 pages
	JV	Federal Communications Commission	Wavecom Inc Grant of Equipment Authorization, 1 page, dated February 16, 2000
	JW	Finkel et al.	VIC 20 Programmer's Reference Guide, Commodore Business Machines, Inc., First Edition, 307 pages (1982)
	JX	Fluke	Wireless Logger, User's Manual, PN 936562, Rev. 2, 212 pages (June, 1993)
	JY	Foxboro®	I/A Series® Hardware Mobile Workstation Indoor Unit,

(Information Disclosure Statement-Page 24 of 47)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

	OTHER DOCUMENTS			
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	KA	Funkanlagen Leipoldt OHG	Falcom A2 (Including A2-A, A2-B, A2-1 and Evaluation Board), User Manual / Command List, 99 pages (October, 1999)	
	KB	GEMPLUS	Gemplus' start SIM card for advanced GSM services, Microprocessor Cards, GemXplore98 Product Sheet, 2 pages (May, 1999)	
000000000000000000000000000000000000000	KC	George	"HC05 MCU Software-Driven Asynchronous Serial Communication Techniques Using the MC68HC705I1A"	
			Freescale Semiconductor, AN1240 (22 pages)	
	KD	Godfrey	A Comparison of Security Protocols in a Wireless Network Environment, A thesis presented to the University of Waterloo, Ontario, Canada, 87 pages (1995)	
	KE	GPS Navstar	Global Positioning System, Standard Positioning Service Signal Specification, Second Edition, 51 pages (June, 1995)	
	KF	GRAFIK Eye®	GRX-RS232 Interface Control, GRX-PRG Programming Interface, Class 2/PELV Devices, Installation and Operation Instructions, 4 pages (1999)	

(Information Disclosure Statement-Page 25 of 47)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

		OTHER	R DOCUMENTS
Examiner Initials	Reference Number	Author	Title of Article, Title of Journal, Volume Number, Page Numbers, Date
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	KI	Hearst Electronics Products	"Wireless LAN adapter brings 1.6-Gbit/s connectivity to handheld PCs" Proxim, 1 page (May, 1997)
	KJ	Hodes et al.	Composable ad hoc location-based services for heterogeneous mobile clients, Wireless Networks 5, pp. 411-427 (1999)
	KK	HomeRF	HomeRF: Bringing Wireless Connectivity Home, 27 pages (March, 1999)
	KL	HomeRF	Interference Immunity of 2.4 Ghz Wireless LANs, 10 pages (2001)
	KM	HomeRF	A Comparison of Security in HomeRF versus IEEE802.11b, 7 pages (2001)
	KN	Hong Kong Awards	2013 Hong Kong Awards for Industry awarded Sierra the "Technological Achievement Certificate of Merit" for the AirPrime® WS6318 Embedded Wireless Module as the "world's smallest cellular module", 4 pages (http://www.sierrawireless.com/Newsroom/Awards/product_awards.aspx)
	КО	Hunkins	"Emergence of Consumer Solutions in Vehicle Telematics," <i>Telcontar</i> , 13 pages (December, 2003)

(Information Disclosure Statement-Page 26 of 47)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

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	KQ	Intermec Technologies Corporation	"5055 Data Collection PC, Technical Reference," Revision C, P/N 978-054-002, 194 pages (May, 2001)
	KR	International Telecommunication Union	ITU-T: Telecommunication Standardization Sector of ITU, Data Communication over the Telephone Network, Serial Asynchronous Automatic Dialling and Control (V.25 ter), 74 pages (August, 1995)
	KS	Istepanian et al.	Design of mobile telemedicine systems using GSM and IS-54 cellular telephone standards, Journal of Telemedicine and Telecare, Vol. 4, Supplement 1, pp. 80-82 (1999)
	КТ	Istepanian	Modelling of GSM-based Mobile Telemedical System, Proceedings of the 20 th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, Vol. 20, No. 3, pp. 1166-1169 (1998)
	KU	Kahn et al.	Next Century Challenges: Mobile Networking for "Smart Dust", Department of Electrical Engineering and Computer Science, 8 pages (1999)
000000000000000000000000000000000000000	KV	Kinetic	PC/Piranha TM , Driving the Network Economy, <i>Wireless Solutions for Mobile Operations</i> , 2 pages
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	KW	Korba	"Security System for Wireless Local Area Networks," National Research Council of Canada, pp. 1550-1554 (1998)

(Information Disclosure Statement-Page 27 of 47)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

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	KX	Kramer	"Cellular Combos Differ in Heft, Abilities - Eagle Cross Device Is Fast but Heavy; PowerTek and Vital Offer Cheaper, Lighter Products," PC Week, Vol. 8, No. 42, pp. 160-164 (October, 1991)
	KY	Kyocera – North America	"Kyocera Wireless Corp. Announces New CDMA Module Product Line," 2 pages (March, 2001)
	KZ	Lexis Nexis	"Sierra Wireless Expands Data Product Line with New 3- Watt Telemetry Modem," 2 pages (October, 1997)
	LA	Luhowy	"Advances In HF Parallel Tone Modem Technology," Harris Corporation, RF Communications Group, 5 pages (1988)
	LB	Lutron®	"RF-Modem Installation for HomeWorks TM ," Application Note #37, 6 pages (1997)
900000000000000000000000000000000000000	LC	Lynch et al.	"Piezolelectric Structural Excitation using a Wireless Active Sending Unit," 9 pages
	LD	Lynch et al.	"The Design of a Wireless Sensing Unit for Structural Health Monitoring," <i>Proc. of the 3rd Int. Workshop on Structural Health Monitoring, Stanford, CA</i> , 10 pages (September, 2001)

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Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

		OTHER	R DOCUMENTS
Examiner Initials	Reference Number	Author	Title of Article, Title of Journal, Volume Number, Page Numbers, Date
	LE	Medical Device & Diagnostic Industry Magazine	"Wireless Technologies Fine Niche in Patient Care," Medical Device & Diagnostic Industry Magazine, 11 pages (August, 1998)
	LF	Miles	System Monitoring, Messaging and Notification, Proceedings of SAGE-AU, 15 pages (June, 1999)
	LG	Mobile Merit Award	Mobile Merit Award for the "Mobile Health" category was awarded to Vgo for using the Novatel E362
			(<u>http://investor.novatelwireless.com/releasedetail.cfm?ReleaseID=668463</u>) (2012)
	LH	Mobile Merit Award	Mobile Merit Award for the "Connected Life Category" was awarded to Novatel Wireless for its "SA 2100 M2M Device," 2 pages (2013)
			(http://investor.novatelwireless.com/releasedetail.cfm?ReleaseID=790042)
	LI	Myles et al.	"A Mobile Host Protocol Supporting Route Optimization and Authentication," <i>IEEE J. Sel. Area Comm.</i> , Vol. 13, No. 5, pp. 839-849 (June, 1995)
	LJ	National Semiconductor	PC165550D Universal Asynchronous Receiver/Transmitter with FIFOs, 22 pages (June, 1995)
	LK	National Semiconductor	PC16450C/NS16450, PC8250A/INS8250A Universal Asynchronous Receiver/Transmitter, 18 pages (July, 1990)

(Information Disclosure Statement-Page 29 of 47)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

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Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

	OTHER DOCUMENTS				
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			Home," 10 pages		
	LM	Negus et al.	"History of Wireless Local Area Networks (WLANs) In		
			the Unlicensed Bands," George Mason University Law		
			School Conference, Information Economy Project,		
			Arlington, VA, pp. 1-13 (April, 2008)		
	LN	Nokia	NOKIA PremiCell, Operator's Guide, 58 pages		
			(December, 1997)		
	LO	Nokia	Nokia Card Phone 1.0, 3 pages (June, 1997)		
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	LP	Nokia	User's Guide, 22 pages (1998)		
	LQ	Nokia	Nokia Card Phone 2.0, 1 page (June, 1999)		
	LQ	INUKIA	Nokia Card i none 2.0, i page (June, 1999)		
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		1,01114	window with the Nokia Card Phone 2.0, 6 pages (April,		
			2000)		
	LS	Nokia	Nokia Card Phone; Support Guide for Using the Nokia		
			Cardphone 2.0 in a Windows CE Device, Version 1.0, 9		
			pages (March, 2001)		
	LT	Nokia	Nokia Premicell 18i, 2 pages (April, 2014)		
	LU	Nomadic Corp.	"Mercury User's Guide," Version 2.3, 96 pages (1996)		

(Information Disclosure Statement-Page 30 of 47)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

		OTHE	R DOCUMENTS
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	LW	Pavlopoulos et al.	A Novel Emergency Telemedicine System Based on Wireless Communication Technology - "Ambulance", IEEE Transactions on Information in Biomedicine, Vol. 2, No.4, pp. 261-267 (1998)
	LX	Phonetics, Inc.	Sensaphone 2000 User's Manual, Version 3.0, 118 pages (January, 1998)
	LY	Phonetics, Inc.	Sensaphone 1104, Sensaphone 1108 Potential Disasters, Science/Health/Labs archived website page (http://www.sensaphone.com/pages/Health Page.html), 2 pages (December, 1998)
	LZ	Prasad et al.	Security Architecture for Wireless LANs: Corporate & Public Environment, IEEE VTC, pp. 283-287 (2000)
	MA	Professional PC Companion	NEC MobilePro TM 780, 2 pages (April, 2000)
	MB	Proxim	Harmony TM , Harmony OpenAir TM PC Card Datasheet, Rev. B, 2 pages (July, 2001)
	MC	Proxim	Harmony TM , Harmony Access Point Controller Datasheet, Rev. B, 2 pages (June, 2002)
	MD	Proxim	Proxim Antennas and Accessories, Product Guide, Rev. B, 4 pages (January, 2000)

(Information Disclosure Statement-Page 31 of 47)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

		OTHER	DOCUMENTS
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	MF	Proxim	Symphony-HRF Cordless Gateway; Simple Reliable Home and Small Office Computer Networking Without Wires, 2 pages (June, 2000)
	MG	Proxim	"Pediatric Software and ReangeLAN2 TM Keep Pediatricians On The Move, <i>A Wireless LAN Case Study</i> ," 2 pages (September, 1999)
	МН	Proxim	RangeLAN2: Extension Point Technical Guide; Configuring and using Extension Points in wireless LAN installations, <i>White Paper</i> , 16 pages (January, 1998)
	MI	Proxim	RangeLAN2 TM Ethernet and Token Ring Access Points; Wireless Mobile Access to Wired LAN Services, Data Sheet, 2 pages (March, 1998)
	MJ	Proxim, Inc.	RangeLAN2 7420 Series PC Card Wireless LAN Adaptor Product Information, 101 pages (2000)
	MK	Proxim	RangeLAN2/ISA, Wireless LAN Adapter for ISA Bus Computers, User's Guide, 65 pages (1993)
	ML	Proxim	RangeLAN2 Model 7500, User's Guide, 72 pages (1993)
	MM	Proxim	"What is a Wireless LAN?", White Paper, 5 pages (March, 1998)

(Information Disclosure Statement-Page 32 of 47)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

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Initials	Number		Numbers, Date		
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	МО	Proxim	RangeLAN2 Extension Point Models 7540 and 7541, User's Guide, 84 pages (1999)		
	MP	Proxim	RangeLAN2 TM 7910 Series Serial Adapter, <i>Enabling the Portablility of RS-232 Devices</i> , Data Sheet, 2 pages (June 1999)		
	MQ	Proxim	RangeLAN2 TM 7410 CE PC Card, <i>Mobilizing the Workforce with Handheld PCs</i> , Data Sheet, 2 pages (November, 1999)		
	MR	Proxim	RangeLAN2 TM 7110 PCI Card, Data Sheet, 2 pages (December, 1999)		
	MS	Proxim	RangeLAN2 TM 7420 Series PC Card, <i>Networking Laptops</i> and Handhelds Without Wires, Data Sheet, 2 pages (April, 2000)		
	MT	Proxim	Case Study, Wlan Healthcare, Kadlec Medical Center, 1 page (2002)		
	MU	Proxim	Harmony Access Point Controller, User's Guide, 123 pages (2002)		
	MV	Redl et al.	GSM and Personal Communications Handbook, ISBN 0-89006-957-3, 80 pages (1998)		

(Information Disclosure Statement-Page 33 of 47)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

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	MX	Savolainen	Solukkoverkon maksupuhelin, 64 pages (February, 2014)
	MY	Savolainen	Cellular Payphone, 64 pages (February, 2014)
			[English Translation]
	MZ	Schlumberger	Schlumberger Java SIMs and Over-the-Air Server Allow Sunday to Evolve Phones Into Multi-Service Terminals, 3 pages (July, 1999)
	NA	Security Escort	"A Guide to assist you in estimating, installing, operating
	***************************************	Training	and maintaining Security Escort Systems, 142 pages
	NB	Sierra Wireless	"Sierra Wireless Combines Cellular Data, GPS; MP 200-GPS Modem Provides Both in a Single Package," <i>The Free Library</i> , 3 pages (January, 1997)
	NC	Sierra Wireless	Dart 200 CDPD Modem, For CDPD Versions 1.0 and 1.1, User Guide, 206 pages (January, 1998)
	ND	Sierra Wireless	MP215 Modem; Installation Configuration and User's Guide," Rev. 1.0, Part No. 2110036, 38 pages (June, 1998)
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(Information Disclosure Statement-Page 34 of 47)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

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			Modem, 2110026, Rev. 2.0, 84 pages (March, 2000)
	NG	Sierra Wireless	AirPrime SL9090 as the "Best Industrial M2M Wireless
			Module" 2012 Annual Best of Electric Design Awards, 1 page (2012)
			(<u>http://www.sierrawireless.com/Newsroom/Awards</u> .
			aspx)
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	NK	Sierra Wireless	Photo of DART 200 CDPD Modem, FCC ID:
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	NL	Sierra Wireless	Photo of PocketPlus 211
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	NM	Sierra Wireless	PocketPlus from Sierra Wireless, Previewing the Full-
			Featured Wireless Modem for the Mobile Computer User,
			2 pages (1993)
	NN	Siemens	Siemens GSM Module M1 User Guide, 76 pages (1996)

(Information Disclosure Statement-Page 35 of 47)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

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Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

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	NP	Siemens	Cellular Engine Siemens M20/M20 Terminal, Technical Description, Version 4, 198 pages (December, 1998)					
	NQ	Siemens	Cellular Engine Siemens M20/M20 Terminal, Technical Description, Version 5, 209 pages (March, 1999)					
	NR	Siemens	S25 User Guide, 64 pages (August, 1999)					
	NS	Siemens	Cellular Engine Siemens M20/M20 Terminal, Technical Description, Version 7, 221 pages (October, 1999)					
	NT	Siemens	Photos of Siemens M20 Terminal / Nokia PremiCell / Sensaphone 2000 / Novatel Wireless Technologies Ltd. Modem / Sierra Wireless SB300, 13 pages					
	NU	Sine Systems, Inc.	Model RFC-1/B, Remote Facilities Controller, archived website page (http://www.sinesys.com/html/rfcl.html), 4 Pages (February, 1998)					
	NV	Sine Systems, Inc.	Remote Facilities Controller, Model RFC-1/B, Relay Panel, Model RP-8, Installation and Operation, 97 pages (1999)					
	NW	Sine Systems, Inc.	Model RFC-1/B Remote Facilities Controller: Dial- up/Automated Transmitter Control System, Press Release, 2 pages (July, 1999)					

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

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	NY	Steiner et al.	Kerberos: An Authentication Service for Open Network Systems, Project Athena, Massachusetts Institute of Technology, 15 pages (1988)						
	NZ	Taylor et al.	Internetwork Mobility: The CDPD Approach, 334 pages (June, 1996)						
	OA	Telital	GSM Datablock Product Specification, Revision 2, 30 pages (November, 1997)						
	ОВ	Telital	Technologies archived website page (http://www.telital.com/technologE.html), 2 pages (April, 2000)						
	OC	Telital Automotive	Telltal Automotive GM360, Technical Specification, 36 pages (February, 1999)						
	OD	Telital Automotive	Telefono GSM Datablock II con funzioni Voce/Dati/Fax/SMS, 91 pages (February, 1999)						
	OE	Telular Corporation	Annual Report, 48 pages (1998)						
	OF	Trimble, The GPS Solution	SVeeSix-CM3 TM , GPS Model for Embedded OEM, 2 pages (March, 1995)						
	OG	Trimble Navigation	SV eeSix-CM3 TM , Embedded GPS Core Module, System Designer, Reference Manual, 246 pages (July, 1997)						

(Information Disclosure Statement-Page 37 of 47)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

	OTHER DOCUMENTS								
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	OI	WaveCom	Wavecom GSM Modem, Wavecom WM01-G900, Version 7.3, Reference WCOM/GSM/WMO1-G900/modATcmd, 67 pages (December, 1997)						
	OJ	WaveCom	WISMO Wireless Standard Module, WM1B-G1900 PCS Module Specifications driven by AT commands, Version 1.2, Reference WCOM/PCS/8001 45 pages (September, 1998)						
	OK	WaveCom	WM02 Modem Series GSM 900/1800/1900 User Manual, 23 pages (April, 1999)						
	OL	WaveCom	WM02 G900 / G1800 / G1900, GSM Modem, Version 1.0, 96 pages (May, 1999)						
	ОМ	WaveCom	WISMO Wireless Standard Module, WM2C-G900/G1800 EGSM/DCS DUAL BAND Module Specifications, Verion 0.7, Reference: WCOM/GSM/WM2C_07, 51 pages (September, 1999)						
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	00	Wu et al.	A Mobile System for Real-Time Patient- Monitoring with Integrated Physiological Signal Processing, Proceedings of the First Joint BMES/EMBS Conference Serving Humanity, Advancing Technology, Atlanta, GA (October, 1999)						

(Information Disclosure Statement-Page 38 of 47)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

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	OP	Verizon Wireless News Center	"Philadelphia Police Department Goes On-Line With Mobile Data Terminals in Vehicles, National Law Enforcement Week Marks Debut of New Weapon Ensuring Officer Safety, Efficiency," 5 pages (May, 1997)					
	OQ	U.S.D.C. for the District of Delaware	Defendant's Initial Invalidity Contentions, including Appendix A-Z, AA and DD, 1046 pages (served on March 8, 2013)					
	OR	U.S.D.C. for the District of Delaware	Defendant's Kowatec's Initial Invalidity Contentions, 3 pages (served April 15, 2013)					
	OS	U.S.D.C. for the District of Delaware	Appendices DD-EE for Defendant's Kowatec's Initial Invalidity Contentions, 126 pages (served on April 15, 2013)					
	ОТ	U.S.D.C. for the District of Delaware	Defendant's Answering Brief, 39 pages (served on June 21, 2013)					
	OU		M2M Solutions LLC et al. v. SimCom Wireless Solutions Co., Ltd. et al., U.S.D.C. for the District of Delaware — Civil Action No. 12-030-RGA, Defendants' First Supplemental Invalidity Contentions, served July 5, 2013 (9 pages)					
	OV		M2M Solutions LLC et al. v. SimCom Wireless Solutions Co., Ltd. et al., U.S.D.C. for the District of Delaware — Civil Action No. 12-030-RGA, <i>Appendices A-Z</i> and <i>AA: Defendants' First Supplemental Invalidity Contentions</i> , served July 5, 2013 (1084 pages)					

(Information Disclosure Statement-Page 39 of 47)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

		OTHER	DOCUMENTS					
Examiner	Reference	Author	Title of Article, Title of Journal, Volume Number, Page					
Initials	Number		Numbers, Date					
	OW		M2M Solutions LLC et al. v. SimCom Wireless Solutions Co., Ltd. et al., U.S.D.C. for the District of Delaware – Civil Action No. 12-030-RGA, <i>Defendants' Sur-Reply Brief on Claim Construction</i> , served July 26, 2013 (19 pages)					
	OX		M2M Solutions LLC et al. v. Sierra Wireless America, Inc. and Sierra Wireless, Inc. et al., U.S.D.C. for the District of Delaware – Civil Action No. 12-030-RGA, <i>Memorandum Opinion</i> , served November 12, 2013 (20 pages)					
	OY	Connolly Bove Lodge & Hutz LLP and K&L Gates, LLP, Counsel for Enfora, Inc.	Defendants Enfora, Inc. and Sierra Wireless America, Inc. 's Fourth Supplemental Invalidity Contentions, M2M Solutions LLC v. Sierra Wireless America, Inc. and Sierra Wireless, Inc. et al. – U.S. District Court for the District of Delaware, Civil Action No. 12-030-RGA and 12-032-RGA, dated May 5, 2014 (22 pages)					
	OZ	Connolly Bove Lodge & Hutz LLP and K&L Gates, LLP, Counsel for Enfora, Inc.	Appendix MM - Defendants Enfora, Inc. and Sierra Wireless America, Inc.'s Fourth Supplemental Invalidity Contentions, M2M Solutions LLC v. Sierra Wireless America, Inc. and Sierra Wireless, Inc. et al. – U.S. District Court for the District of Delaware, Civil Action No. 12-030-RGA and 12-032-RGA, dated May 5, 2014 (140 pages)					

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

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Dated: August 14, 2014

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

		OTHER	DOCUMENTS					
Examiner	Reference	Author	Title of Article, Title of Journal, Volume Number, Page					
Initials	Number		Numbers, Date					
	PA	Connolly Bove Lodge & Hutz LLP and K&L Gates, LLP, Counsel for Enfora, Inc.	Appendix NN - Defendants Enfora, Inc. and Sierra Wireless America, Inc.'s Fourth Supplemental Invalidity Contentions, M2M Solutions LLC v. Sierra Wireless America, Inc. and Sierra Wireless, Inc. et al. – U.S. District Court for the District of Delaware, Civil Action No. 12-030-RGA and 12-032-RGA, dated May 5, 2014 (143 pages)					
	PB	Connolly Bove Lodge & Hutz LLP and K&L Gates, LLP, Counsel for Enfora, Inc.	Appendix OO - Defendants Enfora, Inc. and Sierra Wireless America, Inc.'s Fourth Supplemental Invalidity Contentions, M2M Solutions LLC v. Sierra Wireless America, Inc. and Sierra Wireless, Inc. et al. – U.S. District Court for the District of Delaware, Civil Action No. 12-030-RGA and 12-032-RGA, dated May 5, 2014 (148 pages)					
PC		Connolly Bove Lodge & Hutz LLP and K&L Gates, LLP, Counsel for Enfora, Inc.	Appendix PP - Defendants Enfora, Inc. and Sierra Wireless America, Inc.'s Fourth Supplemental Invalidity Contentions, M2M Solutions LLC v. Sierra Wireless America, Inc. and Sierra Wireless, Inc. et al. – U.S. District Court for the District of Delaware, Civil Action No. 12-030-RGA and 12-032-RGA, dated May 5, 2014 (156 pages)					

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

	OTHER DOCUMENTS								
Examiner Initials	Reference Number	Author	Title of Article, Title of Journal, Volume Number, Page Numbers, Date						
	PD	Connolly Bove Lodge & Hutz LLP and K&L Gates, LLP, Counsel for Enfora, Inc.	Appendix QQ - Defendants Enfora, Inc. and Sierra Wireless America, Inc.'s Fourth Supplemental Invalidity Contentions, M2M Solutions LLC v. Sierra Wireless America, Inc. and Sierra Wireless, Inc. et al. – U.S. District Court for the District of Delaware, Civil Action No. 12-030-RGA and 12-032-RGA, dated May 5, 2014 (82 pages)						
	PE	Jonathan C. Lovely, Esq. Sunstein Kann Murphy & Timbers LLP	Continuation Application – Serial No. 14/159,849, as filed January 21, 2014 (36 pages) [1015]						
	PF	Jonathan C. Lovely, Esq. Sunstein Kann Murphy & Timbers LLP	Track One Continuation Application – Serial No. 14/169,603, as filed January 31, 2014 (40 pages)						
	PG	Jonathan C. Lovely, Esq. Sunstein Kann Murphy & Timbers LLP	Track One Continuation Application – Serial No. 14/175,171, as filed February 7, 2014 (41 pages)						
РН	РН	Jonathan C. Lovely, Esq. Sunstein Kann Murphy & Timbers LLP	Track One Continuation Application – Serial No. 14/455,073, as filed August 8, 2014 (42 pages)						

(Information Disclosure Statement-Page 42 of 47)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

Examiner Signature:	/Yong Zhou/	
Date Considered:	10/14/2014	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation *if not* in conformance and not considered. Include copy of this form with next communication to applicant.

Section 4. Identification of Prior Application in Which Listed Information Was Already Cited and for Which No Copies Are Submitted or Need Be Submitted

This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application Serial No. 14/175,171, filed February 7, 2014 (Attorney Docket No. 3781/1017).

- [X] This application also relies, under 35 U.S.C. section 120, on the earlier filing date of prior application Serial No. 13/934,763, filed July 3, 2013 (Attorney Docket No. 3781/1014).
- [X] This application also relies, under 35 U.S.C. section 120, on the earlier filing date of prior application Serial No. 13/801,773, filed March 13, 2013 (Attorney Docket No. 3781/1010).
- [X] This application also relies, under 35 U.S.C. section 120, on the earlier filing date of prior application Serial No. 13/328,095, filed December 16, 2011 (Attorney Docket No. 3781/1007).
- [X] This application also relies, under 35 U.S.C. section 120, on the earlier filing date of prior application Serial No. 12/538,603, filed August 10, 2009 (Attorney Docket No. 3781/1006).
- [X] This application also relies, under 35 U.S.C. section 120, on the earlier filing date of prior application Serial No. 11/329,212, filed January 10, 2006 (Attorney Docket No. 3781/1002).

The following references were submitted to, and/or cited by, the Office in the prior application(s) and, therefore, are not required to be provided in this application:

Reference Nos.: EO - PF

Section 6. Copies of Listed Information Items Accompanying This Statement

Legible copies of all items listed in Forms PTO/SB/08A and 08B (substitute for Form PTO-1449) accompany this information statement.

[x] Exception(s) to above:

U.S. patent citations are not included pursuant to the United States Patent and Trademark Office's September 21, 2004 waiver of the copy requirement in 37 CFR 1.98 for cited pending U.S. patent citations when the patent citations are available in the USPTO's IFW system.

- [x] Items in prior application, from which an earlier filing date is claimed for this application, as identified in Section 4.
- [] Cumulative patents or publications identified in Section 5.

Section 8. Translation(s) of Non-English Language Documents

Submitted herewith is an English translation of the following foreign language patents, publications or information or of those portions of those patents, publications or information considered to be material:

Reference **EP** is believed to be the English abstract of Reference **EO**;

Reference ER is believed to be the English abstract of Reference EQ;

Reference EX is believed to be the English abstract of Reference EW;

Reference **FA** is believed to be the English abstract of Reference **EZ**;

Reference FC is believed to be the English abstract of Reference FB;

Reference FI is believed to be the English abstract of Reference FH;

Reference **FK** is believed to be the English abstract of Reference **FJ**;

Reference **DC** is the counterpart that is in the English language of Reference **FM**;

Reference FY is believed to be the English abstract of Reference FX;

Reference **DC** is the counterpart that is in the English language of Reference **FM**;

Reference **DL** is the counterpart that is in the English language of Reference **FZ**;

Reference **GB** is believed to be the English abstract of Reference **GA**;

Reference **GD** is believed to be the English abstract of Reference **GC**;

Reference EJ is the counterpart that is in the English language of Reference GE;

Reference GI is believed to be the English abstract of Reference GH;

Reference **GK** is believed to be the English abstract of Reference **GJ**;

Reference GM is believed to be the English abstract of Reference GL;

Reference GO is believed to be the English abstract of Reference GN;

Reference **GR** is believed to be a translation that is in the English language Reference **GQ**;

Reference JT is believed to be a translation that is in the English language Reference JS; and

Reference MY is believed to be a translation that is in the English language Reference MX.

Section 10. Identification of Person Making This Information Disclosure Statement

The person making this certification is the practitioner of record.

Dated: August 14, 2014 /Jonathan C. Lovely, #60,821/

SIGNATURE OF PRACTITIONER

Reg. No. <u>60,821</u> <u>Jonathan C. Lovely</u>

(type or print name of practitioner)

Tel. No.: (617) 443-9292 Sunstein Kann Murphy & Timbers LLP

125 Summer Street, 11th Floor

Firm/Street Address

Boston, MA 02110-1618

City/State/Zip Code

03781/01020 2155497.1

Customer No.: 002101



Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

SUNSTEIN KANN MURPHY & TIMBERS LLP 125 SUMMER STREET BOSTON MA 02110-1618



Doc Code: TRACK1.GRANT

_							
	Prior	n Granting Request for ritized Examination rck I or After RCE)	Application No.: 14/455,190				
1.	THE REQUEST FILED <u>August 8, 2014</u> IS <u>GRANTED</u> .						
	The above A. B.	for an original nonprovisional	requirements for prioritized examination I application (Track I). g continued examination (RCE).				
2.	The abaccorded s	pove-identified application will uspecial status throughout its entire	indergo prioritized examination. The application will be course of prosecution until one of the following occurs:				
	A.	filing a petition for extension of	f time to extend the time period for filing a reply;				
	B.	filing an amendment to amend to	the application to contain more than four independent				
		claims, more than thirty total c	laims, or a multiple dependent claim;				
	C.	filing a request for continued ex	кamination;				
	D.	filing a notice of appeal;					
	E.	filing a request for suspension of	action;				
	F.	mailing of a notice of allowance;					
	G.	mailing of a final Office action;					
	, H.	completion of examination as def	ined in 37 CFR 41.102; or				
	l.	abandonment of the application.					
	Telephone (571)272-3	inquiries with regard to this decision 210, Office of Petitions.	on should be directed to Irvin Dingle at				
	Irvin Dingle /Irvin Dingl [Signature]	<u>le/</u>	Paralegal Specialist (Title)				

U.S. Patent and Trademark Office PTO-2298 (Rev. 02-2012)

	PATE	NT APPLI		ON FEE DE titute for Form		ΠΟΙ	N REC	ORE)	Applica 14/45	tion or Docket Num 5,190	ber
	APPLI	CATION A			umn 2)		SMA	ALL E	ENTITY	OR	OTHER SMALL	
(Column 1) (Column 2) FOR NUMBER FILED NUMBER EXTRA)	FEE(\$)		RATE(\$)	FEE(\$)
BASIC FEE (37 CFR 1.16(a), (b), or (c))							N/A		70		N/A	
SEA	RCH FEE FR 1.16(k), (i), or (m))	N	/A	١	J/A		N/A	一	300		N/A	
EXA	MINATION FEE FR 1.16(o), (p), or (q))	N	/A	١	J/A		N/A	一	360		N/A	
TOT	AL CLAIMS FR 1.16(i))	30	minus	20= *	10	х	40	=	400	OR		
INDE	PENDENT CLAIMS	3 1	minus	3 = *		х	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			
MUL	TIPLE DEPENDEN	T CLAIM PRE	SENT (3	7 CFR 1.16(j))					0.00			
* If ti	ne difference in colu	mn 1 is less th	an zero,	enter "0" in colur	nn 2.	_	TOTAL	一	1130		TOTAL	
A		(Column 1) CLAIMS REMAINING AFTER		(Column 2) HIGHEST NUMBER PREVIOUSLY	(Column 3) PRESENT EXTRA		SM/	ALL E	ADDITIONAL FEE(\$)	OR	OTHER SMALL RATE(\$)	
	Total *	AMENDMENT		PAID FOR	EXTRA			_	LEE(\$)			FEE(9)
AMENDMENT	(37 CFR 1.16(i))		Minus	***	-	х		=		OR	X =	
VEN	Independent (37 CFR 1.16(h))		Minus			х		=		OR	x =	
₹	Application Size Fee					-						
	FIRST PRESENTATI	ON OF MULTIPL	E DEPEN	DENT CLAIM (37 C	FR 1.16(j))					OR		
							TOTAL ADD'L FE	E		OR	TOTAL ADD'L FEE	
		(Column 1)		(Column 2)	(Column 3)	_				1		
NT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE(\$)		ADDITIONAL FEE(\$)		RATE(\$)	ADDITIONAL FEE(\$)
ME	Total * (37 CFR 1.16(i))		Minus	**	=	х		=		OR	x =	
AMENDMENT	Independent * (37 CFR 1.16(h))		Minus	***	=	х		=		OR	x =	
AM	Application Size Fee	(37 CFR 1.16(s))										
	FIRST PRESENTATI	ON OF MULTIPL	E DEPEN	DENT CLAIM (37 C	CFR 1.16(j))					OR		
							TOTAL ADD'L FE	F		OR	TOTAL ADD'L FEE	

^{****} 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.



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

APPLICATION	FILING or	GRP ART				
NUMBER	371(c) DATE	UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
14/455,190	08/08/2014	2642	1130	3781/1020	30	1

CONFIRMATION NO. 3505

2101 Sunstein Kann Murphy & Timbers LLP 125 SUMMER STREET BOSTON, MA 02110-1618

000000070245445

FILING RECEIPT

Date Mailed: 08/19/2014

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)

Eveline Wesby-van Swaay, Stratford-upon-Avon, UNITED KINGDOM;

Applicant(s)

M2M Solutions LLC, Stratford-upon-Avon, UNITED KINGDOM

Power of Attorney: The patent practitioners associated with Customer Number 02101

Domestic Priority data as claimed by applicant

This application is a CON of $14/175,171\ 02/07/2014$ which is a CON of $13/934,763\ 07/03/2013$ PAT 8648717 which is a CON of $13/801,773\ 03/13/2013$ PAT 8542111 which is a CON of $13/328,095\ 12/16/2011$ PAT 8633802 which is a CON of $12/538,603\ 08/10/2009$ PAT 8094010 which is a CON of $11/329,212\ 01/10/2006$ PAT 7583197 which is a CON of $10/296,571\ 01/21/2003$ ABN which is a $371\ 0f$ PCT/EP01/05738 05/18/2001

Foreign Applications (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see http://www.uspto.gov for more information.) FINLAND 20001239 05/23/2000 No Access Code Provided

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: 08/18/2014

page 1 of 3

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 14/455,190**

Projected Publication Date: 11/27/2014

Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

Title

PROGRAMMABLE COMMUNICATOR

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.

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NOT GRANTED

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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.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Eveline Wesby-van Swaay

Application No.: 14/455,190 Group No.: 2642

Filed: August 8, 2014 Examiner: Not yet assigned

For: Programmable Communicator

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

AMENDMENT TRANSMITTAL

1. Transmitted herewith is a Preliminary Amendment for this application.

STATUS

2. Applicant is a small entity. A statement was already filed.

EXTENSION OF TERM

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply. Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

FEE FOR CLAIMS

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

	(Col. 1)	(Co	ol. 2)	(Ce	(Col. 3)			SMALL ENTITY			
	CLAIMS										
	REMAINING	HIGHI	EST NO.								
	AFTER	PREV	OUSLY	PRE	SENT					ADDIT.	
	AMENDMENT	PAID FOR		EXTRA			R.A	TE	FEE		
TOTAL	30	_	30	=	0	X	\$	40.00	=	\$	0.00
INDEP.	1	_	3	=	0	X	\$	210.00	=	\$	0.00
FIRST PRESENTATION OF MULTIPLE DEP. CLAIM							\$	0.00	=	\$	0.00
								TOTAL			
							$A\Gamma$	DDIT. FEE		\$	0.00

No additional fee for claims is required.

FEE DEFICIENCY

5. If an additional extension and/or fee is required, charge Account No. 19-4972.

If an additional fee for claims is required, charge Account No. 19-4972.

Date: August 14, 2014 /Jonathan C. Lovely, #60,821/

Jonathan C. Lovely Registration No. 60,821

SUNSTEIN KANN MURPHY & TIMBERS LLP

125 Summer Street Boston, MA 02110-1618

617-443-9292

Customer No. 02101

03781/01020 2155598.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Wesby-van Swaay Att'y Docket: 3781/1020 Appln. No.: 14/455,190 Filing Date: August 8, 2014

Customer No.: 02101 Conf. No.: 3505 Examiner: Not yet assigned Art Unit: 2642

Invention: PROGRAMMABLE COMMUNICATOR

FILED BY USPTO ELECTRONIC FILING SYSTEM

Mail Stop AMENDMENT Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

PRELIMINARY AMENDMENT

Dear Sir:

Please amend the above identified application as follows:

Listing of the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 10 of this paper.

LISTING OF THE CLAIMS

1. (Currently Amended) A technical data monitoring device for use with a wireless data monitoring network, the technical data monitoring device comprising:

a wireless communications circuit, the technical data monitoring device configured to establish a wireless communication link with a programmable interface of a programmable cellular telephone,

the technical data monitoring device configured to send and/or receive wireless packet switched data transmissions,

the technical data monitoring device having an associated status condition, the technical data monitoring device configured to generate data and send data over the wireless communication link for processing by the programmable cellular telephone periodically or in response to instructions received in a wireless packet switched message from the programmable cellular telephone,

wherein the data from the technical data monitoring device is (1) sent to be processed and displayed by the programmable cellular telephone and/or (2) sent to be processed and forwarded by the programmable cellular telephone to an Internet website via one or more General Packet Radio Service (GPRS), or other wireless packet switched data messages,

wherein the technical data monitoring device is configured to form part of the wireless data monitoring network in communication with the programmable cellular telephone; and

at least one technical device or system, the at least one technical device or system being at least one selected from the group consisting of a pressure sensor, a heat sensor, a mechanical displacement sensor, a speed sensor, a temperature sensor, a sound threshold sensor, a movement sensor, an electrical power sensor, an infra-red radiation detector, a proximity detection sensor, a heart rate sensor, a water sensor[[;]], a location processing module[[;]], a GPS Global Positioning Systems module[[;]], a sensor for detecting any physical characteristic of the human skin[[;]], and a health monitoring system of one or more sensors[[;]], a sports performance monitoring system of one or more sensors[[;]], a

domestic appliance monitoring system of one or more sensors[[;]], and a home security monitoring system of one or more sensors,

wherein the data sent by the technical data monitoring device represents at least one of pressure data, heat data, mechanical displacement data, speed data, temperature data, sound threshold data, movement data, electrical power data, infra-red radiation data, proximity detection data, heart rate data, body temperature data[[;]], health data, water detection data, location data, GPS data, sports performance data, domestic appliance data, and home security data.

- 2. (Original) A technical data monitoring device according to claim 1, wherein the technical data monitoring device is further configured to send and/or receive wireless transmissions compliant with Bluetooth wireless air interface standards.
- 3. (Original) A technical data monitoring device according to claim 1, wherein the data from the technical data monitoring device is processed by a communications application running on the programmable cellular telephone.
- 4. (Original) A technical data monitoring device according to claim 1, wherein the health data represents at least one of body temperature, blood pressure, periodic or continuous electrocardiogram heart rhythm, blood glucose concentration, blood electrolyte concentration, kidney function, liver function data, and labor contractions.
- 5. (Original) A technical data monitoring device according to claim 1, wherein the technical data monitoring device is further configured to be worn on the body.
- 6. (Original) A technical data monitoring device according to claim 5, wherein the technical monitoring device is integrated with a wrist strap or an attachment, wherein the wrist strap or attachment comprises one or more sensors.
- 7. (Original) A technical data monitoring device according to claim 1, wherein the

technical data monitoring device is further configured to transmit an alarm or data message to the programmable cellular telephone in response to a change in status of the said at least one technical data monitoring device.

- 8. (Original) A technical data monitoring device according to claim 7, wherein the technical data monitoring device is further configured to generate an alarm or data message in response to at least one selected from the group consisting of a change in pressure of a pressure sensor, a change in temperature of a temperature sensor, a change in position of a mechanical displacement sensor, and a change in position of an attachment.
- 9. (Original) A technical data monitoring device according to claim 1, wherein the technical data monitoring device is attached to or integrated with an article of clothing, the article of clothing including at least one selected from the group consisting of a jacket, a ski jacket, and a life vest.
- 10. (Original) A technical data monitoring device according to claim 1, wherein the technical data monitoring device is further configured to be integrated with at least one sensor device to form a smart clothes device.
- 11. (Original) A technical data monitoring device according to claim 1, wherein the technical data monitoring device further comprises a health monitoring system having one or more sensors, the technical data monitoring device further configured to transmit an alarm or data message to the programmable cellular telephone via the wireless communication link with the programmable interface, in response to a change in status of the at least one technical data monitoring device, wherein the data message includes data representing at least one of body temperature data, blood pressure data, periodic or continuous electrocardiogram heart rhythm data, blood glucose concentration data, blood electrolyte concentration data, kidney function data, liver function data, data representing

Preliminary Amendment dated August 14, 2014

any physical characteristic of the human skin, labor contraction data, electrical power data, and location data.

- 12. (Original) A technical data monitoring device according to claim 11, wherein the health monitoring system is further configured to send and/or receive wireless transmissions compliant with Bluetooth wireless air interface standards or other wireless packet switched message air interface standard.
- 13. (Original) A technical data monitoring device according to claim 1, wherein the technical data monitoring device further comprises a sports performance system having one or more sensors, the technical data monitoring device further configured to transmit an alarm or data message to the programmable cellular telephone via the wireless communication link with the programmable interface, in response to a change in status of the said at least one technical data monitoring device, wherein the data message includes data representing at least one of body temperature data, blood pressure data, periodic or continuous electrocardiogram heart rhythm data, speed data, mechanical displacement data of an attachment, temperature data, movement data, electrical power data, infra-red radiation data, proximity detection data, location data, and heart rate data.
- 14. (Original) A technical data monitoring device according to claim 13, wherein the sports performance system is further configured to send and/or receive wireless transmissions compliant with Bluetooth wireless air interface standards or other wireless packet switched message air interface standard.
- 15. (Original) A technical data monitoring device according to claim 1, wherein the technical data monitoring device comprises a cyclist performance enhancement sensor system for a bicycle wherein the technical data monitoring device is further configured to transmit an alarm or data message to the programmable cellular telephone via the wireless communication link with the programmable interface, in response to a change in status of the said at least one technical data monitoring device, wherein the data message

includes data representing at least one of body temperature data, blood pressure data, periodic or continuous electrocardiogram heart rhythm data, speed data, pressure data, mechanical displacement data of an attachment, temperature data, movement data, electrical power data, infra-red radiation data, proximity detection data, location data, and heart rate data.

16. (Original) A technical data monitoring device according to claim 15, wherein the cyclist performance enhancement sensor system is further configured to send and/or receive wireless transmissions compliant with Bluetooth wireless air interface standards or other wireless packet switched message air interface standard.

17. (Currently Amended) A technical data monitoring device according to claim 1, wherein the technical data monitoring device is attached to or integrated with a life vest, wherein the technical data monitoring device is further configured to transmit an alarm or data message to the programmable cellular telephone via the wireless communication link with the programmable interface, in response to a change in status of the said at least one technical data monitoring device, wherein the data message includes data representing at least one of body temperature data, blood pressure data, periodic or continuous electrocardiogram heart rhythm data, speed data, mechanical displacement data of an attachment, temperature data, movement data, electrical power data, infra-red radiation data, proximity detection data, location data, water detection data, and heart rate data.

18. (Original) A technical data monitoring device according to claim 17, wherein the technical data monitoring device is further integrated with a water sensor which becomes enabled when it comes into contact with water.

19. (Original) A technical data monitoring device according to claim 1, wherein the technical data monitoring device is attached to or integrated with a wrist strap, wherein the technical data monitoring device is further configured to transmit an alarm or data

Preliminary Amendment dated August 14, 2014

message to the programmable cellular telephone via the wireless communication link with the programmable interface, in response to a change in status of the said at least one technical data monitoring device, wherein the data message includes data representing at least one of body temperature data, blood pressure data, periodic or continuous electrocardiogram heart rhythm data, speed data, mechanical displacement data of an attachment, temperature data, movement data, electrical power data, infra-red radiation data, proximity detection data, location data, and heart rate data.

- 20. (Original) A technical data monitoring device according to claim 1, wherein the technical data monitoring device is one device within a network of Bluetooth devices.
- 21. (Original) A technical data monitoring device according to claim 1, wherein the technical data monitoring device comprises a domestic appliance monitoring system, wherein the technical data monitoring device is further configured to transmit an alarm or data message to the programmable cellular telephone via the wireless communication link with the programmable interface, in response to a change in status of the said at least one technical data monitoring device, wherein the data message includes data representing at least one of pressure data, heat data, mechanical displacement data, temperature data, sound threshold data, movement data, electrical power data, infra-red radiation data, proximity detection data, body temperature data, domestic appliance data, water pipe pressure data, home network data, door status data, window status data, and home security data.
- 22. (Original) A technical data monitoring device according to claim 1, wherein the technical data monitoring device is also configured to communicate with the programmable cellular telephone using a wired connection.
- 23. (Original) A technical data monitoring device according to claim 1, wherein the technical data monitoring device is also configured to receive data communications from the programmable cellular telephone.

Preliminary Amendment dated August 14, 2014

- 24. (Original) A technical data monitoring device according to claim 1, wherein the technical data monitoring device is configured to be integrated with and/or embedded in a domestic appliance.
- 25. (Original) A technical data monitoring device according to claim 1, wherein the technical data monitoring device is configured to be integrated with and/or embedded in a vending machine.
- 26. (Original) A technical data monitoring device according to claim 25, wherein the technical data monitoring device is configured to transmit status information about the vending machine.
- 27. (Original) A technical data monitoring device according to claim 1, wherein the technical data monitoring device is configured to be integrated with and/or embedded in a domestic appliance.
- 28. (Original) A technical data monitoring device according to claim 1, wherein the technical data monitoring device is further configured to be worn on a body, and form part of a network of at least one data reporting sensor, wherein each of the at least one data reporting sensor is configured to communicate with the programmable interface of a programmable cellular telephone via a packet switched radio communications link.
- 29. (Original) A technical data monitoring device according to claim 28, wherein the at least one data reporting sensor is further configured to transmit an alarm or data message to the programmable cellular telephone via the wireless communication link with the programmable interface, in response to a change in status of the said at least one data reporting sensor, wherein the data message includes data representing at least one of mechanical displacement data, movement data, proximity detection data, speed data, infra-red radiation data, temperature data, pressure data, heat data, electrical power data,

Appl. No. 14/455,190 Preliminary Amendment dated August 14, 2014

sound threshold data, and body temperature data.

30. (Original) A technical data monitoring device according to claim 29, wherein the at least one data reporting sensor is further configured to transmit an alarm or data message to the programmable cellular telephone via the wireless communication link with the programmable interface, wherein the at least one data reporting sensor is further configured to send and/or receive wireless transmissions compliant with Bluetooth wireless air interface standards or other wireless packet switched message air interface standard.

REMARKS

Please enter this preliminary amendment. Claims 1 and 17 have been amended. Applicants respectfully request the examiner to consider amended claims 1-30 upon examination of this present application.

DATE: August 14, 2014

Respectfully submitted,

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Boston, MA 02110-1618 (617) 443-9292 03781/01020 2155038.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Eveline Wesby-van Swaay

Application No.: 14,455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner: Not Yet Assigned

Conf. No.: 3505

For: PROGRAMMABLE COMMUNICATOR

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

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT WITHIN THREE MONTHS OF FILING OR BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. § 1.97(b))

IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING INFORMATION DISCLOSURE STATEMENT

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office Action on the merits, whichever event occurs last. 37 C.F.R. § 1.97(b).

DATE: August 14, 2014 /Jonathan C. Lovely, #60,821/

Jonathan C. Lovely Registration No. <u>60,821</u> SUNSTEIN KANN MURPHY & TIMBERS LLP Customer Number 02101 125 Summer Street

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UNITED STATES

03781/01020 2154105.1

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INFORMATION DISCLOSURE STATEMENT

List of Sections Forming Part of This Information Disclosure Statement

The following sections are being submitted for this Information Disclosure Statement:

1.	[x]	Preliminary Statements
2.	[x]	Forms PTO/SB/08A and 08B (substitute for Form PTO-1449)
3.	[]	Statement as to Information Not Found in Patents or Publications
4.	[x]	Identification of Prior Application in Which Listed Information Was Already Cited and for Which No Copies Are Submitted or Need Be Submitted
5.	[]	Cumulative Patents or Publications
6.	[x]	Copies of Listed Information Items Accompanying This Statement
7.	[]	Concise Explanation of Non-English Language Listed Information Items 7A. [] EPO Search Report 7B. [] English Language Version of EPO Search Report
8.	[x]	Translation(s) of Non-English Language Documents
9.	[]	Concise Explanation of English Language Listed Information Items (Optional)
10.	[x]	Identification of Person(s) Making This Information Disclosure Statement

Section 1. Preliminary Statements

Applicants submit herewith patents, publications or other information, of which they are aware that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. *Notice of January 9, 1992, 1135 O.G. 13-25, at 25.*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

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U.S. PATENT DOCUMENTS									
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Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

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U.S. PATENT DOCUMENTS										
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Examiner	Reference	Document	Issue Date	Inventor	Class/Subclass						
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

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Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

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	GY	3GPP (3 rd Generation Partnership Project)	The Mobile Broadband Standard, 3GPP Specification detail, Specification of the Subscriber Identity Module – Mobile Equipment (SIM-ME) Interface, 4 pages, 3GPP TS 11.11
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Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

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Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

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Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

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	IH	European Telecommunications Standards Institute (ETSI)	Release Note: Recommendation GSM 02.16, International MS Equipment Identities, European digital cellular telecommunication system (phase 1); GSM Technical Specification, Version 3.0.1, 9 pages (February, 1992)	
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Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

		OTHER	DOCUMENTS
Examiner Initials	Reference Number	Author	Title of Article, Title of Journal, Volume Number, Page Numbers, Date
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

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Examiner Initials	Reference Number	Author	Title of Article, Title of Journal, Volume Number, Page Numbers, Date
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

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Examiner Initials	Reference Number	Author	Title of Article, Title of Journal, Volume Number, Page Numbers, Date
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

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Examiner Initials	Reference Number	Author	Title of Article, Title of Journal, Volume Number, Page
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	JH	European Telecommunications Standards Institute (ETSI)	Digital cellular telecommunications system (Phase 2+); Specification of the Subscriber Identity Module – Mobile Equipment (SIM-ME) interface, (GSM 11.11, version 7.4.0, Release 1998), 134 pages (December, 1999)
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

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	JL	European Telecommunications Standards Institute (ETSI)	GSM Technical Specification: Digital cellular telecommunications system (Phase 2+); International Mobile station Equipment Identities (IMEI) (GSM 02.16, version 5.2.0, Release 1996), 12 pages (August, 2000) Reference: RGTS/SMG-010216QR2	
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

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	JU	Falcon	Falcon® 330 & 335; Portable Data Terminals, "Setting a New Standard for Industrial Portable Data Collection Terminals," 2 pages
	JV	Federal Communications Commission	Wavecom Inc Grant of Equipment Authorization, 1 page, dated February 16, 2000
	JW	Finkel et al.	VIC 20 Programmer's Reference Guide, <i>Commodore Business Machines, Inc.</i> , First Edition, 307 pages (1982)
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

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	KD	Godfrey	A Comparison of Security Protocols in a Wireless Network Environment, A thesis presented to the University of Waterloo, Ontario, Canada, 87 pages (1995)
	KE	GPS Navstar	Global Positioning System, Standard Positioning Service Signal Specification, Second Edition, 51 pages (June, 1995)
	KF	GRAFIK Eye®	GRX-RS232 Interface Control, GRX-PRG Programming Interface, Class 2/PELV Devices, Installation and Operation Instructions, 4 pages (1999)
	KG	Harris Corp.	Photos of the RF-5000, 3 pages

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

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Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

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Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

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Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

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Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

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Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

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Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

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Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

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Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

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Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

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Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

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Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

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Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

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Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

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Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

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Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

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Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

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Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

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Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

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Dated: August 14, 2014

	OTHER DOCUMENTS			
Examiner Initials	Reference Number	Author	Title of Article, Title of Journal, Volume Number, Page Numbers, Date	
	PD	Connolly Bove Lodge & Hutz LLP and K&L Gates, LLP, Counsel for Enfora, Inc.	Appendix QQ - Defendants Enfora, Inc. and Sierra Wireless America, Inc.'s Fourth Supplemental Invalidity Contentions, M2M Solutions LLC v. Sierra Wireless America, Inc. and Sierra Wireless, Inc. et al. – U.S. District Court for the District of Delaware, Civil Action No. 12-030-RGA and 12-032-RGA, dated May 5, 2014 (82 pages)	
	PE	Jonathan C. Lovely, Esq. Sunstein Kann Murphy & Timbers LLP	Continuation Application – Serial No. 14/159,849, as filed January 21, 2014 (36 pages) [1015]	
	PF	Jonathan C. Lovely, Esq. Sunstein Kann Murphy & Timbers LLP	Track One Continuation Application – Serial No. 14/169,603, as filed January 31, 2014 (40 pages)	
	PG	Jonathan C. Lovely, Esq. Sunstein Kann Murphy & Timbers LLP	Track One Continuation Application – Serial No. 14/175,171, as filed February 7, 2014 (41 pages)	
	РН	Jonathan C. Lovely, Esq. Sunstein Kann Murphy & Timbers LLP	Track One Continuation Application – Serial No. 14/455,073, as filed August 8, 2014 (42 pages)	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eveline Wesby-van Swaay Attorney Docket: 3781/1020

Serial No: 14/455,190 Art Unit/Group No.: 2642

Filing Date: August 8, 2014 Examiner Name: Not Yet Assigned

Conf. No.: 3505

Invention: PROGRAMMABLE COMMUNICATOR

Dated: August 14, 2014

Examiner Signature:		
Date Considered:		
MPEP 609; draw line th	reference considered, whether or not citation is in conformance with trough citation <i>if not</i> in conformance and not considered. Include copy of munication to applicant.	•

Section 4. Identification of Prior Application in Which Listed Information Was Already Cited and for Which No Copies Are Submitted or Need Be Submitted

This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application Serial No. 14/175,171, filed February 7, 2014 (Attorney Docket No. 3781/1017).

- [X] This application also relies, under 35 U.S.C. section 120, on the earlier filing date of prior application Serial No. 13/934,763, filed July 3, 2013 (Attorney Docket No. 3781/1014).
- [X] This application also relies, under 35 U.S.C. section 120, on the earlier filing date of prior application Serial No. 13/801,773, filed March 13, 2013 (Attorney Docket No. 3781/1010).
- [X] This application also relies, under 35 U.S.C. section 120, on the earlier filing date of prior application Serial No. 13/328,095, filed December 16, 2011 (Attorney Docket No. 3781/1007).
- [X] This application also relies, under 35 U.S.C. section 120, on the earlier filing date of prior application Serial No. 12/538,603, filed August 10, 2009 (Attorney Docket No. 3781/1006).
- [X] This application also relies, under 35 U.S.C. section 120, on the earlier filing date of prior application Serial No. 11/329,212, filed January 10, 2006 (Attorney Docket No. 3781/1002).

The following references were submitted to, and/or cited by, the Office in the prior application(s) and, therefore, are not required to be provided in this application:

Reference Nos.: EO – PF

Section 6. Copies of Listed Information Items Accompanying This Statement

Legible copies of all items listed in Forms PTO/SB/08A and 08B (substitute for Form PTO-1449) accompany this information statement.

[x] Exception(s) to above:

U.S. patent citations are not included pursuant to the United States Patent and Trademark Office's September 21, 2004 waiver of the copy requirement in 37 CFR 1.98 for cited pending U.S. patent citations when the patent citations are available in the USPTO's IFW system.

- [x] Items in prior application, from which an earlier filing date is claimed for this application, as identified in Section 4.
- [] Cumulative patents or publications identified in Section 5.

Section 8. Translation(s) of Non-English Language Documents

Submitted herewith is an English translation of the following foreign language patents, publications or information or of those portions of those patents, publications or information considered to be material:

Reference **EP** is believed to be the English abstract of Reference **EO**;

Reference **ER** is believed to be the English abstract of Reference **EQ**;

Reference EX is believed to be the English abstract of Reference EW;

Reference **FA** is believed to be the English abstract of Reference **EZ**;

Reference FC is believed to be the English abstract of Reference FB;

Reference FI is believed to be the English abstract of Reference FH;

Reference **FK** is believed to be the English abstract of Reference **FJ**;

Reference **DC** is the counterpart that is in the English language of Reference **FM**;

Reference **FY** is believed to be the English abstract of Reference **FX**;

Reference **DC** is the counterpart that is in the English language of Reference **FM**;

Reference DL is the counterpart that is in the English language of Reference FZ;

Reference **GB** is believed to be the English abstract of Reference **GA**;

Reference **GD** is believed to be the English abstract of Reference **GC**;

Reference EJ is the counterpart that is in the English language of Reference GE;

Reference GI is believed to be the English abstract of Reference GH;

Reference **GK** is believed to be the English abstract of Reference **GJ**;

Reference **GM** is believed to be the English abstract of Reference **GL**;

Reference **GO** is believed to be the English abstract of Reference **GN**;

Reference **GR** is believed to be a translation that is in the English language Reference **GQ**;

Reference JT is believed to be a translation that is in the English language Reference JS; and

Reference MY is believed to be a translation that is in the English language Reference MX.

Section 10. Identification of Person Making This Information Disclosure Statement

The person making this certification is the practitioner of record.

Dated: August 14, 2014 /Jonathan C. Lovely, #60,821/

SIGNATURE OF PRACTITIONER

Reg. No. <u>60,821</u> <u>Jonathan C. Lovely</u>

(type or print name of practitioner)

Tel. No.: (617) 443-9292 Sunstein Kann Murphy & Timbers LLP

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03781/01020 2155497.1

Customer No.: 002101

Electronic Acknowledgement Receipt			
EFS ID:	19869830		
Application Number:	14455190		
International Application Number:			
Confirmation Number:	3505		
Title of Invention:	PROGRAMMABLE COMMUNICATOR		
First Named Inventor/Applicant Name:	Eveline Wesby-van Swaay		
Customer Number:	2101		
Filer:	Jonathan Lovely		
Filer Authorized By:			
Attorney Docket Number:	3781/1020		
Receipt Date:	14-AUG-2014		
Filing Date:			
Time Stamp:	16:25:11		
Application Type:	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	Preliminary Amendment	klw3781_1020_PrelimAmdt.pdf	176396	no	12
	Tremmary Amenament		b81bf24d441dfa8a9e9904141a893c60dbf2 0bb2		
Marrings					

Warnings:

Information:

2		Information_Disclosure_State ment.pdf	333844	yes	48	
			242b595ce5f95652452ade6c56a3ef83a365 494a	yes	40	
	Multipart Description/PDF files in .zip description					
	Document Description		Start	E	nd	
	Transmittal Letter		1	1		
	Information Disclosure Statement (IDS) Form (SB08)		2	48		
Warnings:	Warnings:					
Information	Information:					
3	Other Reference-Patent/App/Search	PG.pdf	2579414	no	41	
	documents		ba0bdbafc0e64483f35f4e592880b39d9dc1 b4a8			
Warnings:						
Information	:					
4	Other Reference-Patent/App/Search documents	PH.pdf	2680382	no	42	
-			01af006bbd835a46068638842a757d20c5b 0b0e2			
Warnings:						
Information	:					
		Total Files Size (in bytes)	57	70036		

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.

New Applications Under 35 U.S.C. 111

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.

Doc Code: TRACK1.REQ

Document Description: TrackOne Request

PTO/SB/424 (12-11)

CERTIFICATION AND REQUEST FOR PRIORITIZED EXAMINATION UNDER 37 CFR 1.102(e) (Page 1 of 1)

First Named Inventor:	Eveline Wesby-van Swaay	Nonprovisional Application Number (if known):	
Title of Invention:	Programmable Communica	ator	

APPLICANT HEREBY CERTIFIES THE FOLLOWING AND REQUESTS PRIORITIZED EXAMINATION FOR THE ABOVE-IDENTIFIED APPLICATION.

- 1. The processing fee set forth in 37 CFR 1.17(i), the prioritized examination fee set forth in 37 CFR 1.17(c), and if not already paid, the publication fee set forth in 37 CFR 1.18(d) have been filed with the request. The basic filing fee, search fee, examination fee, and any required excess claims and application size fees are filed with the request or have been already been paid.
- 2. The application contains or is amended to contain no more than four independent claims and no more than thirty total claims, and no multiple dependent claims.
- 3. The applicable box is checked below:

I. Original Application (Track One) - Prioritized Examination under § 1.102(e)(1)

- i. (a) The application is an original nonprovisional utility application filed under 35 U.S.C. 111(a).
 This certification and request is being filed with the utility application via EFS-Web.
 ---OR---
 - (b) The application is an original nonprovisional plant application filed under 35 U.S.C. 111(a). This certification and request is being filed with the plant application in paper.
- ii. An executed oath or declaration under 37 CFR 1.63 is filed with the application.

II. Request for Continued Examination - Prioritized Examination under § 1.102(e)(2)

- i. A request for continued examination has been filed with, or prior to, this form.
- ii. If the application is a utility application, this certification and request is being filed via EFS-Web.
- iii. The application is an original nonprovisional utility application filed under 35 U.S.C. 111(a), or is a national stage entry under 35 U.S.C. 371.
- iv. This certification and request is being filed prior to the mailing of a first Office action responsive to the request for continued examination.
- v. No prior request for continued examination has been granted prioritized examination status under 37 CFR 1.102(e)(2).

Signature /Jonathan C. Lovely, #60,821/	Date August 8, 2014		
Name (Print/Typed) Jonathan C. Lovely	Practitioner Registration Number 60821		
Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.			
*Total of forms are submitted			