



APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/316,203	08/27/2013	8521234	SOLME.001A2C8	1697

20995 7590 08/07/2013
KNOBBE MARTENS OLSON & BEAR LLP
2040 MAIN STREET
FOURTEENTH FLOOR
IRVINE, CA 92614

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment is 0 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

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 Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site <http://pair.uspto.gov> for additional applicants):

Michael E. Shanahan, Nyack, NY;

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UNITED STATES PATENT AND TRADEMARK OFFICE

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

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
Values: 13/316,203, 12/09/2011, Michael E. Shanahan, SOLME.001A2C8, 1697

7590 07/31/2013
KNOBBE MARTENS OLSON & BEAR LLP
2040 MAIN STREET
FOURTEENTH FLOOR
IRVINE, CA 92614

EXAMINER

BEAMER, TEMICA M

ART UNIT PAPER NUMBER

2646

NOTIFICATION DATE DELIVERY MODE

07/31/2013

ELECTRONIC

NOTICE OF NON-COMPLIANT INFORMATION DISCLOSURE STATEMENT

An Information Disclosure Statement (IDS) filed 7/22/13 in the above-identified application fails to meet the requirements of 37 CFR 1.97(d) for the reason(s) specified below. Accordingly, the IDS will be placed in the file, but the information referred to therein has not been considered.

The IDS is not compliant with 37 CFR 1.97(d) because:

- [X] The IDS lacks a statement as specified in 37 CFR 1.97(e).
[] The IDS lacks the fee set forth in 37 CFR 1.17(p).
[] The IDS was filed after the issue fee was paid. Applicant may wish to consider filing a petition to withdraw the application from issue under 37 CFR 1.313(c) to have the IDS considered. See MPEP 1308.

Lt
571-272-4200 or 1-888-786-0101
Application Assistance Unit
Office of Data Management

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	13/316203
	Filing Date	12-09-2011
	First Named Inventor	Shanahan, Michael E.
	Art Unit	
<i>(Multiple sheets used when necessary)</i>		Examiner
SHEET 6 OF 9		Attorney Docket No. PREMM.001A2C8

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	146	6,253,061	06-26-2001	Helferich	
	147	6,256,378	07-03-2001	Iggulden, et al.	
	148	6,275,234	08-14-2001	Iwaki	
	149	6,308,086	10-23-2001	Yoshino	
	150	6,366,791	04-02-2002	Lin, et al.	
	151	6,385,305	05-07-2002	Gerszberg, et al.	
	152	6,389,124	05-14-2002	Schnarel, et al.	
	153	6,392,640	05-21-2002	Will	
	154	6,400,958	06-04-2002	Isomursu, et al.	
	155	6,418,330 B1	07-09-2002	Lee	
	156	6,449,359	09-10-2002	Luzzatto, et al.	
	157	6,477,580	11-05-2002	Bowman-Amuah	
	158	6,483,531	11-19-2002	Ryu	
	159	6,496,692	12-17-2002	Shanahan, Michael	
	160	6,501,967	12-31-2002	Makela, et al.	
	161	6,564,056	05-13-2003	Fitzgerald	
	162	6,599,147	07-29-2003	Mills, et al.	
	163	6,603,985	08-05-2003	Ichihashi	
	164	6,718,021	04-06-2004	Crockett, et al.	
	165	6,720,969	04-13-2004	Lavelle, et al.	
	166	6,728,531	04-27-2004	Lee, et al.	
	167	6,754,509	06-22-2004	Khan, et al.	
	168	6,778,179	08-17-2004	Lavelle, et al.	
	169	6,829,618	12-07-2004	Abraham, et al.	
	170	6,831,617	12-14-2004	Miyauchi, et al.	
	171	6,845,398	01-18-2005	Galensky, et al.	
	172	6,848,011	01-25-2005	Park, et al.	
	173	6,871,048 B2	03-22-2005	Takagaki	6,871,048
	174	6,928,468	08-09-2005	Leermakers	

Examiner Signature	/Temica Beamer/	Date Considered	01/30/2012
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*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.

T¹ - Place a check mark in this area when an English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.B./

Change(s) applied
to document,

/M.F.O./

9/13/2012

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
or Fax (571)-273-2885

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.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

20995 7590 04/22/2013
KNOBBE MARTENS OLSON & BEAR LLP
2040 MAIN STREET
FOURTEENTH FLOOR
IRVINE, CA 92614

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.

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.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

13/316,203 12/09/2011 Michael E. Shanahan SOLME.001A2C8 1697

TITLE OF INVENTION: METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional SMALL \$890 \$300 \$0 \$1190 07/22/2013

EXAMINER	ART UNIT	CLASS-SUBCLASS
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BEAMER, TEMICA M 2646 455-567000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- "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.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys 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.

- 1 Knobbe, Martens,
- 2 Olson & Bear, LLP
- 3 _____

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)

Solocron Media, LLC

Tyler, TX

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:

- Issue Fee
- Publication Fee (No small entity discount permitted)
- Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- A check is enclosed.
- Payment by credit card. Form PTO-2038 is attached.
- The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 11-1410 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- Applicant certifying micro entity status. See 37 CFR 1.29
- Applicant asserting small entity status. See 37 CFR 1.27
- Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see form PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: 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.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature John R. King
Typed or printed name John R. King

Date 7-22-2013
Registration No. 34,362

This collection of information 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.

Electronic Patent Application Fee Transmittal

Application Number:	13316203
Filing Date:	09-Dec-2011
Title of Invention:	METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES
First Named Inventor/Applicant Name:	Michael E. Shanahan
Filer:	John R. King/Caroline Wright
Attorney Docket Number:	SOLME.001A2C8

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Utility Appl Issue Fee	2501	1	890	890
Publ. Fee- Early, Voluntary, or Normal	1504	1	300	300
		6		

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				1190

Electronic Acknowledgement Receipt

EFS ID:	16374606
Application Number:	13316203
International Application Number:	
Confirmation Number:	1697
Title of Invention:	METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES
First Named Inventor/Applicant Name:	Michael E. Shanahan
Customer Number:	20995
Filer:	John R. King/ThuyQuyen Nguyen
Filer Authorized By:	John R. King
Attorney Docket Number:	SOLME.001A2C8
Receipt Date:	22-JUL-2013
Filing Date:	09-DEC-2011
Time Stamp:	13:17:34
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$1190
RAM confirmation Number	10702
Deposit Account	111410
Authorized User	KNOBBE MARTENS OLSON AND BEAR

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.87 (Patent application and reexamination processing fees)

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Issue Fee Payment (PTO-85B)	SOLME_001A2C8_IssueFee.pdf	122105 568494ad52e015ba8fa86a0c142fca15a122b69a	no	2
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	32045 e68d4abcbba0820e2f2fb4e5319a02a35bd4925b	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			154150		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	13/316,203	
	Filing Date	December 9, 2011	
	First Named Inventor	Michael E. Shanahan	
	Art Unit	2646	
<i>(Multiple sheets used when necessary)</i>		Examiner	Beamer, Temica M.
SHEET 1 OF 1		Attorney Docket No.	SOLME.001A2C8

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number <i>Number - Kind Code (if known)</i> Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	13/614333	09/13/2012	Shanahan, Michael	
	2	8,447,290 (SOLME.001A1C5) (and its file history)	05/21/2013	Shanahan	
	3	8,452,272 (SOLME.001A2C11) (and its file history)	05/28/2013	Shanahan	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document <i>Country Code-Number-Kind Code</i> Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ¹

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹
	4	Written Opinion of the International Searching Authority mailed Nov. 21, 2001, issued in connection with International Patent Appln. No. PCT/US00/32920 (7 pages)	
	5	TAKEISHI, ET AL., "Mobile Innovation and the Music Business in Japan: The Case of Ringing Tone Melody", Institute of Innovation Research - Hitotsubashi University, May 2003, http://www.newyorker.com/archive/2005/03/07/050307crmu_music?printable=true .	

15798565:ad
071513

Examiner Signature	Date Considered
*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.	

T¹ - Place a check mark in this area when an English language translation is attached.

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

WRITTEN OPINION

(PCT Rule 66)

To: MICHAEL E. SHANAHAN P.O. BOX 381 NYACK, NY 10960		21 NOV 2001 <small>Date of Mailing (day/month/year)</small>
Applicant's or agent's file reference MES/001		REPLY DUE within TWO months from the above date of mailing
International application No. PCT/US00/32920	International filing date (day/month/year) 05 DECEMBER 2000	Priority date (day/month/year) 06 DECEMBER 1999
International Patent Classification (IPC) or both national classification and IPC IPC(7): H04Q 7/32 and US Cl.: 455/418		
Applicant MICHAEL E. SHANAHAN		

1. This written opinion is the first (first, etc.) drawn by this International Preliminary Examining Authority.

2. This opinion contains indications relating to the following items:

- I Basis of the opinion
- II Priority
- III Non-establishment of opinion with regard to novelty, inventive step or industrial applicability
- IV Lack of unity of invention
- V Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI Certain documents cited
- VII Certain defects in the international application
- VIII Certain observations on the international application

3. The applicant is hereby invited to reply to this opinion.

When? See the time limit indicated above. ~~The applicant may, before the expiration of that time limit, request this Authority to grant an extension, see Rule 66.2(d).~~

How? By submitting a written reply, accompanied, where appropriate, by amendments, according to Rule 66.3. For the form and the language of the amendments, see Rules 66.8 and 66.9.

Also For an additional opportunity to submit amendments, see Rule 66.4. For the examiner's obligation to consider amendments and/or arguments, see Rule 66.4 bis. For an informal communication with the examiner, see Rule 66.6.

If no reply is filed, the international preliminary examination report will be established on the basis of this opinion.

4. The final date by which the international preliminary examination report must be established according to Rule 69.2 is: 06 APRIL 2002

Name and mailing address of the IPEA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231	Authorized officer WILLIAM TROST
Facsimile No. (703) 305-3230	Telephone No. (703) 305-4024

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

WRITTEN OPINION

(PCT Rule 66)

To: MICHAEL E. SHANAHAN
P.O. BOX 381
NYACK, NY 10960

Date of Mailing
(day/month/year)

Applicant's or agent's file reference
MES/001

REPLY DUE within **TWO** months
from the above date of mailing

International application No.
PCT/US00/32920

International filing date (day/month/year)
05 DECEMBER 2000

Priority date (day/month/year)
06 DECEMBER 1999

International Patent Classification (IPC) or both national classification and IPC
IPC(7): H04Q 7/32 and US Cl.: 455/418

Applicant
MICHAEL E. SHANAHAN

1. This written opinion is the first (first, etc.) drawn by this International Preliminary Examining Authority.

2. This opinion contains indications relating to the following items:

- I Basis of the opinion
- II Priority
- III Non-establishment of opinion with regard to novelty, inventive step or industrial applicability
- IV Lack of unity of invention
- V Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI Certain documents cited
- VII Certain defects in the international application
- VIII Certain observations on the international application

3. The applicant is hereby invited to reply to this opinion.

When? See the time limit indicated above. ~~The applicant may, before the expiration of that time limit, request this Authority to grant an extension; see Rule 66.2(d).~~

How? By submitting a written reply, accompanied, where appropriate, by amendments, according to Rule 66.9. For the form and the language of the amendments, see Rules 66.8 and 66.9.

Also For an additional opportunity to submit amendments, see Rule 66.4. For the examiner's obligation to consider amendments and/or arguments, see Rule 66.4 bis. For an informal communication with the examiner, see Rule 66.6.

If no reply is filed, the international preliminary examination report will be established on the basis of this opinion.

4. The final date by which the international preliminary examination report must be established according to Rule 69.2 is: 06 APRIL 2002

Name and mailing address of the IPEA/US
Commissioner of Patents and Trademarks
Box PCT
Washington, D.C. 20231

Facsimile No. (703) 305-3230

Authorized officer

WILLIAM TROST

Telephone No. (703) 305-4024

WRITTEN OPINION

International application No.

PCT/US00/32920

I. Basis of the opinion

1. With regard to the elements of the international application:*

the international application as originally filed
 the description:
 pages 1-25 , as originally filed
 pages NONE , filed with the demand
 pages NONE , filed with the letter of _____

the claims:
 pages 26-30 , as originally filed
 pages NONE , as amended (together with any statement) under Article 19
 pages NONE , filed with the demand
 pages NONE , filed with the letter of _____

the drawings:
 pages 1-13 , as originally filed
 pages NONE , filed with the demand
 pages NONE , filed with the letter of _____

the sequence listing part of the description:
 pages NONE , as originally filed
 pages NONE , filed with the demand
 pages NONE , filed with the letter of _____

2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.
 These elements were available or furnished to this Authority in the following language _____ which is:

- the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
- the language of publication of the international application (under Rule 48.3(b)).
- the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).

3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the written opinion was drawn on the basis of the sequence listing:

- contained in the international application in printed form.
- filed together with the international application in computer readable form.
- furnished subsequently to this Authority in written form.
- furnished subsequently to this Authority in computer readable form.
- The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. The amendments have resulted in the cancellation of:

the description, pages NONE
 the claims, Nos. NONE
 the drawings, sheets/fig NONE

5. This opinion has been drawn as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this opinion as "originally filed".

WRITTEN OPINION

International application No.

PCT/US00/32920

V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. statement

Novelty (N)	Claims <u>5-9, 12, 19-32</u>	YES
	Claims <u>1-4,10-11,13-18,</u>	NO
Inventive Step (IS)	Claims <u>NONE</u>	YES
	Claims <u>1-32</u>	NO
Industrial Applicability (IA)	Claims <u>1-32</u>	YES
	Claims <u>NONE</u>	NO

2. citations and explanations

Claims 1-4,10 lack novelty under PCT Article 33(2) as being anticipated by Uppaluru et al. (5,915,001).

Regarding claim 1, Uppaluru et al. disclose a system and method for providing and using universally accessible voice and speech comprising: providing the user-defined audio file (see fig.2, element 102 and it description); and enabling a user of the telephone to program at least a portion of the audio file into the telephone (see fig.1, elements 105, 109, 111 and its description).

Regarding claim 2, Uppaluru et al. further comprises providing the audio file from the Internet (see fig.1, element 101 and its description).

Regarding claim 3, Uppaluru et al. further discloses providing a plurality of audio files (see fig.1, element 104 and its description) and further comprises allowing the user of the telephone to select at least one of the audio files (see col.2, lines 26-32).

Regarding claims 4, 10 the Examiner takes Official notice that this feature providing the audio file from a disc drive of computer and programmable memory is notoriously well know in the art.

Claim 11 lacks novelty under PCT Article 33(2) as being anticipated by Ohayon et al. (5,933,328).

Regarding claim 11, Ohayon discloses a recovery mode feature for remote units comprising: programming a user defined audio file into a programmable memory in the telephone (see col.6, lines 25-34); playing the user audio defiled when receiving an incoming telephone call (see col.6, lines 6-15).

Claims 13-18 lack novelty under PCT Article 33(2) as being anticipated by Atcheson et al. (5,583,763).

Regarding claim 13, Atcheson discloses a method and apparatus for recommending selection bases on preferences in a multi-user system comprising a data input device that allows the (Continued on Supplemental Sheet.)

Supplemental Box

(To be used when the space in any of the preceding boxes is not sufficient)

Continuation of: Boxes I - VIII

Sheet 10

TIME LIMIT:

The time limit set for response to a Written Opinion may not be extended. 37 CFR 1.484(d). Any response received after the expiration of the time limit set in the Written Opinion will not be considered in preparing the International Preliminary Examination Report.

V. 2. REASONED STATEMENTS - CITATIONS AND EXPLANATIONS (Continued):

user to select the audio file (see col.1, 20-40); and a programmer circuit that programs the audio file into the telephone memory (see col.1, lines (see col.1, lines 23-26).

Regarding claims 14-16, Atcheson further discloses the programmer circuit is installed in a computer (see col.1, 20-40 and see fig.1, col.3, lines 24-38).

Regarding claims 17-18, Atcheson further discloses the communication link is a wireless link (see fig.1, col.3, lines 24-38).

Claims 5, 8-9 lack an inventive step under PCT Article 33(3) as being obvious over Uppaluru et al. (5,915,001) in view of Wise et al. (5,884,262).

Regarding claim 5, Uppaluru et al. disclose all the subject matters described as objected to claim 1, except for editing the audio file. However, Wise discloses a computer network audio access and conversion system comprising an editing the audio file (see fig.1, element 121 col.3, line 51-col.5, line 28). Thus, it would have been obvious to one having ordinary skill in the art at the time the invention was made to use the editing technique in Uppaluru's system to edit and download the file from the internet in order to select the file appropriate for their convenience.

Regarding 6-9, Uppaluru discloses all the subject matters described as objected to claim 1, except for determining a format of audio, converting the audio file format. However, Wise discloses a computer network audio access and conversion system comprising determining a format of audio, converting the audio file to the file format required by the telephone (see fig.3 and its description). Thus, it would have been obvious to one having ordinary skill in the art at the time the invention was made to use Wise's determining and converting format in Uppaluru's system to convert the audio signal to the format required for using in the telephone system in order to transmit the signal properly and quality.

Claim 12 lacks an inventive step under PCT Article 33(3) as being obvious over Ohayon et al. (5,933,328) in view of Atcheson et al. (5,583,763).

Regarding claim 12, Ohayon discloses all the subject matters described as objected to claim 11, except for reading the audio file. However, Atcheson discloses a method and apparatus for recommending selection bases on preferences in a multi-user system comprising a telephone with computer capability could be used to "download" digital information, representing, for example, music selections into the memory of the telephone for later playback (see col.1, 20-40). Thus, it would have been obvious to one having ordinary skill in the art at the time the invention was made to use the selection technique in Ohayon's system in order to select the file that user need to listen.

Claims 19-32 lack an inventive step under PCT Article 33(3) as being obvious over Atcheson et al. (5,952,918) in view of Wise et al. (5,884,262).

Regarding claims 19-23, 25-31, Atcheson discloses all the subject matters described as objected to claims 13, 18, except for the source of audio file is the Internet. However, Wise discloses a computer network audio access and conversion system comprising the source of audio file is the Internet (see fig.1, col.1, lines 37-49 and description). Thus, it would have been obvious to one having ordinary skill in the art at the time the invention was made to use Wise's Internet audio file in Atcheson's system in order to access anywhere in the world.

Regarding claims 24, 32 Atcheson further discloses the communication link is a wireless link (see fig.1, col.3, lines 24-38).

----- NEW CITATIONS -----

US 5,915,001 A (UPPALURU) 22 JUNE 1999, ALL

US 5,884,262 A (WISE ET AL) 16 MARCH 1999, ALL

WRITTEN OPINION

International application No.

PCT/US00/32920

VI. Certain documents cited

1. Certain published documents (Rule 70.10)

<u>Application No. Patent No.</u>	<u>Publication Date (day/month/year)</u>	<u>Filing Date (day/month/year)</u>	<u>Priority date (valid claim) (day/month/year)</u>
US, A, 5,915,001	22 JUNE 1999	14 NOVEMBER 1996	NONE
US, A, 5,884,262	16 MARCH 1999	28 MARCH 1996	NONE

2. Non-written disclosures (Rule 70.9)

<u>Kind of non-written disclosure</u>	<u>Date of non-written disclosure (day/month/year)</u>	<u>Date of written disclosure referring to non-written disclosure (day/month/year)</u>

WRITTEN OPINION

International application No.

PCT/US00/32920

Supplemental Box

(To be used when the space in any of the preceding boxes is not sufficient)

Continuation of: Boxes I - VIII

Sheet 11

US 5,952,918 A (OHAYON) 14 SEPTEMBER 1999, ALL

US 5,583,763 A (ATCHESON ET AL.) 10 DECEMBER 1996, ALL

Electronic Acknowledgement Receipt

EFS ID:	16374833
Application Number:	13316203
International Application Number:	
Confirmation Number:	1697
Title of Invention:	METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES
First Named Inventor/Applicant Name:	Michael E. Shanahan
Customer Number:	20995
Filer:	John R. King/Caroline Wright
Filer Authorized By:	John R. King
Attorney Docket Number:	SOLME.001A2C8
Receipt Date:	22-JUL-2013
Filing Date:	09-DEC-2011
Time Stamp:	13:33:08
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		SOLME_001A2C8_IDS.pdf	100785 882472c5d81d817b95781fbcdf3493e45dd 4157c	yes	2

Multipart Description/PDF files in .zip description			
	Document Description	Start	End
	Transmittal Letter	1	1
	Information Disclosure Statement (IDS) Form (SB08)	2	2

Warnings:

Information:

2	Non Patent Literature	Written_Opinion_ISA_Nov_21.pdf	282028 838dde07bb2b5fda5b8dbb8c20f721aa3fa ba2b7	no	7
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Warnings:

Information:

3	Non Patent Literature	Takeishi.pdf	923704 ff9d5cd0a4a60f0e685c84c4fa3dc65b48db aec4	no	20
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Warnings:

Information:

Total Files Size (in bytes):			1306517
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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.

TRANSMITTAL OF SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Inventor : Michael E. Shanahan
App. No. : 13/316,203
Filed : December 9, 2011
For : METHODS AND APPARATUSES FOR
PROGRAMMING USER-DEFINED
INFORMATION INTO ELECTRONIC DEVICES
Examiner : Beamer, Temica M.
Art Unit : 2646
Conf. No. : 1697

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

This Supplemental Information Disclosure Statement is being filed to submit the enclosed PTO/SB/08 Equivalent listing five (5) references.

Pursuant to 37 C.F.R § 1.97(g) and (h), Applicants make no representation that the information is considered to be material to patentability. Additionally, inclusion on this list is not an admission that any of the cited documents are prior art in this application. Further, Applicants make no representation regarding the completeness of this list, nor represent that better art does not exist.

If this Supplemental IDS can be considered, Appellants authorize the Office to charge the relevant fee, if any, to Deposit Account 11-1410. If the IDS cannot be considered, Appellants request that it be placed in the file in accordance with Rule 1.97(i).

Respectfully submitted,
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 7-22-2013

By: John R. King
John R. King
Registration No. 34,362
Attorney of Record
Customer No. 20995
(949) 760-0404



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

20995 7590 04/22/2013
KNOBBE MARTENS OLSON & BEAR LLP
2040 MAIN STREET
FOURTEENTH FLOOR
IRVINE, CA 92614

Table with 2 columns: EXAMINER (BEAMER, TEMICA M), ART UNIT (2646), PAPER NUMBER

DATE MAILED: 04/22/2013

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.

TITLE OF INVENTION: METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES

Table with 7 columns: APPLN. TYPE, ENTITY STATUS, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE FEE, TOTAL FEE(S) DUE, DATE DUE

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 THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. 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
 or Fax (571)-273-2885**

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.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

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.

20995 7590 04/22/2013
KNOBBE MARTENS OLSON & BEAR LLP
 2040 MAIN STREET
 FOURTEENTH FLOOR
 IRVINE, CA 92614

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.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/316,203	12/09/2011	Michael E. Shanahan	SOLME.001A2C8	1697

TITLE OF INVENTION: METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$890	\$300	\$0	\$1190	07/22/2013

EXAMINER	ART UNIT	CLASS-SUBCLASS
BEAMER, TEMICA M	2646	455-567000

<p>1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).</p> <p><input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.</p> <p><input type="checkbox"/> "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.</p>	<p>2. For printing on the patent front page, list</p> <p>(1) the names of up to 3 registered patent attorneys or agents OR, alternatively, _____ 1</p> <p>(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. _____ 2</p> <p>_____ 3</p>
---	---

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

<p>4a. The following fee(s) are submitted:</p> <p><input type="checkbox"/> Issue Fee</p> <p><input type="checkbox"/> Publication Fee (No small entity discount permitted)</p> <p><input type="checkbox"/> Advance Order - # of Copies _____</p>	<p>4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)</p> <p><input type="checkbox"/> A check is enclosed.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p><input type="checkbox"/> The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).</p>
---	---

5. **Change in Entity Status** (from status indicated above)

- Applicant certifying micro entity status. See 37 CFR 1.29
- Applicant asserting small entity status. See 37 CFR 1.27
- Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see form PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: 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.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____

Date _____

Typed or printed name _____

Registration No. _____

This collection of information 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.



UNITED STATES PATENT AND TRADEMARK OFFICE

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

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
13/316,203 12/09/2011 Michael E. Shanahan SOLME.001A2C8 1697

20995 7590 04/22/2013
KNOBBE MARTENS OLSON & BEAR LLP
2040 MAIN STREET
FOURTEENTH FLOOR
IRVINE, CA 92614

EXAMINER

BEAMER, TEMICA M

ART UNIT PAPER NUMBER

2646

DATE MAILED: 04/22/2013

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

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

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.

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.

Notice of Allowability	Application No. 13/316,203	Applicant(s) SHANAHAN, MICHAEL E.	
	Examiner TEMICA M. BEAMER	Art Unit 2646	AIA (First Inventor to File) Status No

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

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY 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.

1. This communication is responsive to amendment filed 3/21/2013.
 A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.
2. An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
3. The allowed claim(s) is/are 1-18. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/oph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.
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 been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Interim copies:

- a) All b) Some c) None of the: Interim copies of the priority documents have been received.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Examiner's Amendment/Comment |
| 2. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 6. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| 3. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 7. <input type="checkbox"/> Other _____. |
| 4. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. | |

/TEMICA M. BEAMER/
Primary Examiner, Art Unit 2646

WEST Search History for Application 13316203

Creation Date: 2013040609:35

Interference Searches

Query	DB	Op.	Plur.	Thes.	Date
(browser and audio and file and digital and format and request).clm.	PGPB	OR	YES		04-06-2013

Prior Art Searches

Query	DB	Op.	Plur.	Thes.	Date
(6496692 7149509 7257395 7295864 7289798 7319866).pn.	PGPB, USPT	OR	YES		07-19-2012
6385305.pn.	PGPB, USPT	OR	YES		07-19-2012
video near5 (file or clip) same download\$3 same (phone or telephone) and (cellular or wireless)	PGPB, USPT	OR	YES		07-19-2012
455/\$.ccls. and (video near5 (file or clip) same download\$3 same (phone or telephone) and (cellular or wireless))	PGPB, USPT	OR	YES		07-19-2012
video near6 brows\$3 same select\$3 and (455/\$.ccls. and video near5 (file or clip) same download\$3 same (phone or telephone) and (cellular or wireless))	PGPB, USPT	OR	YES		07-19-2012
(sample or preview) and (455/\$.ccls. and video near5 (file or clip) same download\$3 same (phone or telephone) and (cellular or wireless))	PGPB, USPT	OR	YES		07-19-2012
(455/415).ccls.	PGPB, USPT	OR	YES		07-19-2012
(image or video or picture) near8 display\$3 same (incoming or receiv\$3) near4 call	PGPB, USPT	OR	YES		07-19-2012
((455/415).ccls.) and ((image or video or picture) near8 display\$3 same (incoming or receiv\$3) near4 call)	PGPB, USPT	OR	YES		07-19-2012
download\$3 near5 ringtone and (phone or telephone) near10 (cellular or wireless)	PGPB, USPT	OR	YES		07-19-2012
((455/415).ccls.) and (download\$3 near5 ringtone and (phone or telephone) near10 (cellular or wireless))	PGPB, USPT	OR	YES		07-19-2012

download\$3 near5 video and (phone or telephone) near10 (cellular or wireless)	PGPB, USPT	OR	YES		07-19-2012
caller near3 id\$12 same video and (download\$3 near5 video and (phone or telephone) near10 (cellular or wireless))	PGPB, USPT	OR	YES		07-19-2012
video near6 call and ((455/415).ccls.)	PGPB, USPT	OR	YES		07-19-2012
incoming adj call near8 (image or video) and (phone or telephone) same (cellular or wireless)	PGPB, USPT	OR	YES		07-19-2012
455/\$.ccls. and (incoming adj call near8 (image or video) and (phone or telephone) same (cellular or wireless))	PGPB, USPT	OR	YES		07-19-2012
download\$3 near8 (video or image) and (455/\$.ccls. and incoming adj call near8 (image or video) and (phone or telephone) same (cellular or wireless))	PGPB, USPT	OR	YES		07-19-2012
ringtone and (download\$3 near8 (video or image) and 455/\$.ccls. and incoming adj call near8 (image or video) and (phone or telephone) same (cellular or wireless))	PGPB, USPT	OR	YES		07-19-2012
video near7 audio and (incoming adj call near8 (image or video) and (phone or telephone) same (cellular or wireless))	PGPB, USPT	OR	YES		07-19-2012
455/\$.ccls. and (video near7 audio and incoming adj call near8 (image or video) and (phone or telephone) same (cellular or wireless))	PGPB, USPT	OR	YES		07-19-2012
video near9 audio same download\$3	PGPB, USPT	OR	YES		07-19-2012
455/\$.ccls.	PGPB, USPT	OR	YES		07-19-2012
(video near9 audio same download\$3) and (455/\$.ccls.)	PGPB, USPT	OR	YES		07-19-2012
video near3 clip with audio	PGPB, USPT	OR	YES		07-19-2012
(455/\$.ccls.) and (video near3 clip with audio)	PGPB, USPT	OR	YES		07-19-2012
(video or audio) near5 download\$3 and (455/\$.ccls. and video near3 clip with audio)	PGPB, USPT	OR	YES		07-19-2012
(video near3 clip with audio) and (phone or telephone) and download\$3	PGPB, USPT	OR	YES		07-19-2012
(wireless or cellular) and (video near3 clip with audio and (phone or telephone) and download\$3)	PGPB, USPT	OR	YES		07-19-2012

ringtone and ((wireless or cellular) and video near3 clip with audio and (phone or telephone) and download\$3)	PGPB, USPT	OR	YES		07-19-2012
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(6928468 or 6477580 or 20050054379).pn.	PGPB, USPT	OR	YES		07-19-2012
(7257395).pn.	PGPB, USPT	OR	YES		07-19-2012
(7295864 or 7289798 or 7319866).pn.	PGPB, USPT	OR	YES		07-19-2012
(caller and browse and signature and file and play\$3 and alwrt\$3 and plurality).clm.	PGPB	OR	YES		07-19-2012
(caller and browse and signature and file and play\$3 and alert\$3 and plurality).clm.	PGPB	OR	YES		07-19-2012
(7555317 7149509).pn.	PGPB	OR	YES		07-19-2012
(7555317 7149509).pn.	PGPB, USPT	OR	YES		07-19-2012
(6496692 7149509 7257395 7295864 7289798 7319866).pn.	PGPB, USPT	OR	YES		04-06-2013
6385305.pn.	PGPB, USPT	OR	YES		04-06-2013
video near5 (file or clip) same download\$3 same (phone or telephone) and (cellular or wireless)	PGPB, USPT	OR	YES		04-06-2013
455/\$.ccls. and (video near5 (file or clip) same download\$3 same (phone or telephone) and (cellular or wireless))	PGPB, USPT	OR	YES		04-06-2013
video near6 brows\$3 same select\$3 and (455/\$.ccls. and video near5 (file or clip) same download\$3 same (phone or telephone) and (cellular or wireless))	PGPB, USPT	OR	YES		04-06-2013
(sample or preview) and (455/\$.ccls. and video near5 (file or clip) same download\$3 same (phone or telephone) and (cellular or wireless))	PGPB, USPT	OR	YES		04-06-2013
(455/415).ccls.	PGPB, USPT	OR	YES		04-06-2013
(image or video or picture) near8 display\$3 same (incoming or receiv\$3) near4 call	PGPB, USPT	OR	YES		04-06-2013
((455/415).ccls.) and ((image or video or picture) near8 display\$3 same (incoming or receiv\$3) near4 call)	PGPB, USPT	OR	YES		04-06-2013

download\$3 near5 ringtone and (phone or telephone) near10 (cellular or wireless)	PGPB, USPT	OR	YES		04-06-2013
((455/415).ccls.) and (download\$3 near5 ringtone and (phone or telephone) near10 (cellular or wireless))	PGPB, USPT	OR	YES		04-06-2013
download\$3 near5 video and (phone or telephone) near10 (cellular or wireless)	PGPB, USPT	OR	YES		04-06-2013
caller near3 id\$12 same video and (download\$3 near5 video and (phone or telephone) near10 (cellular or wireless))	PGPB, USPT	OR	YES		04-06-2013
video near6 call and ((455/415).ccls.)	PGPB, USPT	OR	YES		04-06-2013
incoming adj call near8 (image or video) and (phone or telephone) same (cellular or wireless)	PGPB, USPT	OR	YES		04-06-2013
455/\$.ccls. and (incoming adj call near8 (image or video) and (phone or telephone) same (cellular or wireless))	PGPB, USPT	OR	YES		04-06-2013
download\$3 near8 (video or image) and (455/\$.ccls. and incoming adj call near8 (image or video) and (phone or telephone) same (cellular or wireless))	PGPB, USPT	OR	YES		04-06-2013
ringtone and (download\$3 near8 (video or image) and 455/\$.ccls. and incoming adj call near8 (image or video) and (phone or telephone) same (cellular or wireless))	PGPB, USPT	OR	YES		04-06-2013
video near7 audio and (incoming adj call near8 (image or video) and (phone or telephone) same (cellular or wireless))	PGPB, USPT	OR	YES		04-06-2013
455/\$.ccls. and (video near7 audio and incoming adj call near8 (image or video) and (phone or telephone) same (cellular or wireless))	PGPB, USPT	OR	YES		04-06-2013
video near9 audio same download\$3	PGPB, USPT	OR	YES		04-06-2013
455/\$.ccls.	PGPB, USPT	OR	YES		04-06-2013
(video near9 audio same download\$3) and (455/\$.ccls.)	PGPB, USPT	OR	YES		04-06-2013
video near3 clip with audio	PGPB, USPT	OR	YES		04-06-2013
(455/\$.ccls.) and (video near3 clip with audio)	PGPB, USPT	OR	YES		04-06-2013
(video or audio) near5 download\$3 and (455/\$.ccls. and video near3 clip with audio)	PGPB, USPT	OR	YES		04-06-2013

(video near3 clip with audio) and (phone or telephone) and download\$3	PGPB, USPT	OR	YES		04-06-2013
(wireless or cellular) and (video near3 clip with audio and (phone or telephone) and download\$3)	PGPB, USPT	OR	YES		04-06-2013
ringtone and ((wireless or cellular) and video near3 clip with audio and (phone or telephone) and download\$3)	PGPB, USPT	OR	YES		04-06-2013
7149509.pn. or 6496692.pn.	PGPB, USPT	OR	YES		04-06-2013
(6928468 or 6477580 or 20050054379).pn.	PGPB, USPT	OR	YES		04-06-2013
(7257395).pn.	PGPB, USPT	OR	YES		04-06-2013
(7295864 or 7289798 or 7319866).pn.	PGPB, USPT	OR	YES		04-06-2013
(caller and browse and signature and file and play\$3 and alwrt\$3 and plurality).clm.	PGPB	OR	YES		04-06-2013
(caller and browse and signature and file and play\$3 and alert\$3 and plurality).clm.	PGPB	OR	YES		04-06-2013
(7555317 7149509).pn.	PGPB	OR	YES		04-06-2013
(7555317 7149509).pn.	PGPB, USPT	OR	YES		04-06-2013
(8170538 7555317 7149509).pn.	PGPB, USPT	OR	YES		04-06-2013
(audio or video) adj file near10 digital same format	PGPB, USPT	OR	YES		04-06-2013
((audio or video) adj file near10 digital same format) file near10 available and download	PGPB, USPT	OR	YES		04-06-2013
((audio or video) adj file near10 digital same format) and file near10 available and download	PGPB, USPT	OR	YES		04-06-2013
(wireless or cell\$4 or mobile) adj (phone or telephone or unit or device)	PGPB, USPT	OR	YES		04-06-2013
((wireless or cell\$4 or mobile) adj (phone or telephone or unit or device)) and ((audio or video) adj file near10 digital same format and file near10 available and download)	PGPB, USPT	OR	YES		04-06-2013
((wireless or cell\$4 or mobile) adj (phone or telephone or unit or device) and (audio or video) adj file near10 digital same format and file near10 available and download) and (transfer\$4 or send\$3) near8 file same compatible	PGPB, USPT	OR	YES		04-06-2013

(8170538 7555317 7149509 8224394 8249572 20120214453 20120226777).pn.	PGPB, USPT	OR	YES		04-06-2013
(6496692 7257395 7295864 7620427 7289798 7319866 7742759 8249572 8170538 8224394 20120084395 201202144453 20120226777).pn.	PGPB, USPT	OR	YES		04-06-2013
(6496692 7257395 7295864 7620427 7289798 7319866 7742759 8249572 8170538 8224394 20120084395 20120214453 20120226777).pn.	PGPB, USPT	OR	YES		04-06-2013
shanahan.in. and ((browser and audio and file and digital and format and request).clm.)	PGPB, USPT	OR	YES		04-06-2013

Search Notes 	Application/Control No. 13316203	Applicant(s)/Patent Under Reexamination SHANAHAN, MICHAEL E.
	Examiner TEMICA M BEAMER	Art Unit 2617

CPC- SEARCHED		
Symbol	Date	Examiner

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
455	418, 415, 419, 414.1, 566, 557, 567	1/30/2012	TMB
	updated search	5/13/2012	TMB
	updated search	7/19/2012	TMB
	updated search	12/16/2012	TMB
	updated search	4/6/2013	TMB

SEARCH NOTES		
Search Notes	Date	Examiner
WEST	1/30/2012	TMB
WEST	5/13/2012	TMB
WEST	7/19/2012	TMB
WEST	12/16/2012	TMB
WEST	4/6/2013	TMB

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
455	567, 418, 557, 415	7/19/2012	TMB
	PGPUB text search	7/19/2012	TMB
	updated	4/6/2013	TMB

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Issue Classification 	Application/Control No. 13316203	Applicant(s)/Patent Under Reexamination SHANAHAN, MICHAEL E.
	Examiner TEMICA M BEAMER	Art Unit 2646

<input checked="" type="checkbox"/> Claims renumbered in the same order as presented by applicant <input type="checkbox"/> CPA <input checked="" type="checkbox"/> T.D. <input type="checkbox"/> R.1.47															
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
1	1	17	17												
2	2	18	18												
3	3														
4	4														
5	5														
6	6														
7	7														
8	8														
9	9														
10	10														
11	11														
12	12														
13	13														
14	14														
15	15														
16	16														

NONE		Total Claims Allowed:	
		18	
(Assistant Examiner)	(Date)	O.G. Print Claim(s)	O.G. Print Figure
/TEMICA M BEAMER/ Primary Examiner.Art Unit 2646	4/6/2013	1	8
(Primary Examiner)	(Date)		

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	13/316203	
	Filing Date	12-09-2011	
	First Named Inventor	Shanahan, Michael E.	
	Art Unit	2646	
<i>(Multiple sheets used when necessary)</i>		Examiner	Beamer, Temica M.
SHEET 1 OF 1		Attorney Docket No.	SOLME.001A2C8

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number <i>Number - Kind Code (if known)</i> Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	8,224,394	07-17-2012	Shanahan, Michael	
	2	8,249,572	08-21-2012	Shanahan, Michael	
	3	8,326,278	12-04-2012	Shanahan, Michael	
	4	8,401,537	03-19-2013	Shanahan, Michael	
	5	09/518846	03-03-2000	Shanahan, Michael	
	6	13/725687 (Filed on 12-21-2012)		Shanahan, Michael	
	7	13/725927 (Filed on 12-21-2012)		Shanahan, Michael	
	8	2013/0010856	01-10-2013	Shanahan, Michael	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document <i>Country Code-Number-Kind Code</i> Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ¹

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹
	9	International Search Report of the International Searching Authority mailed Mar. 20, 2002, issued in connection with International Patent Appln. No. PCT/US00/32920 (3 pages)	

15022742:ad
031313

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.B./

Examiner Signature	/Temica Beamer/	Date Considered	04/06/2013
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***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.

T¹ - Place a check mark in this area when an English language Translation is attached.

Index of Claims 	Application/Control No. 13316203	Applicant(s)/Patent Under Reexamination SHANAHAN, MICHAEL E.
	Examiner TEMICA M BEAMER	Art Unit 2617

✓	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

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

CLAIM		DATE										
Final	Original	01/30/2012	05/13/2012	07/19/2012	12/16/2012	04/06/2013						
1	1	✓	✓	=	✓	=						
2	2	✓	✓	=	✓	=						
3	3	✓	✓	=	✓	=						
4	4	✓	✓	=	✓	=						
5	5	✓	✓	=	✓	=						
6	6	✓	✓	=	✓	=						
7	7	✓	✓	=	✓	=						
8	8	✓	✓	=	✓	=						
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16	16	✓	✓	=	✓	=						
17	17	✓	✓	=	✓	=						
18	18	✓	✓	=	✓	=						

Doc Code: DIST.E.FILE Document Description: Electronic Terminal Disclaimer - Filed	PTO/SB/26 U.S. Patent and Trademark Office Department of Commerce
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Electronic Petition Request	TERMINAL DISCLAIMER TO OBIATE A DOUBLE PATENTING REJECTION OVER A "PRIOR" PATENT
Application Number	13316203
Filing Date	09-Dec-2011
First Named Inventor	Michael Shanahan
Attorney Docket Number	SOLME.001A2C8
Title of Invention	METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES

- Filing of terminal disclaimer does not obviate requirement for response under 37 CFR 1.111 to outstanding Office Action
- This electronic Terminal Disclaimer is not being used for a Joint Research Agreement.

Owner	Percent Interest
SoloCron Media, LLC.	100%

The owner(s) with percent interest listed above in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of prior patent number(s)

7620427
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7319866
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8170538
8224394
6496692
7257395
7295864

as the term of said prior patent is presently shortened by any terminal disclaimer. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of the term of any patent granted on the instant application that would extend to the expiration date of the full statutory term of the prior patent, "as the term of said prior patent is presently shortened by any terminal disclaimer," in the event that said prior patent later:

- expires for failure to pay a maintenance fee;
- is held unenforceable;
- is found invalid by a court of competent jurisdiction;
- is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321;
- has all claims canceled by a reexamination certificate;
- is reissued; or
- is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

Terminal disclaimer fee under 37 CFR 1.20(d) is included with Electronic Terminal Disclaimer request.

I certify, in accordance with 37 CFR 1.4(d)(4), that the terminal disclaimer fee under 37 CFR 1.20(d) required for this terminal disclaimer has already been paid in the above-identified application.

Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

Applicant(s) status remains as SMALL ENTITY.

Applicant(s) status remains as other than SMALL ENTITY.

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

THIS PORTION MUST BE COMPLETED BY THE SIGNATORY OR SIGNATORIES

I certify, in accordance with 37 CFR 1.4(d)(4) that I am:

An attorney or agent registered to practice before the Patent and Trademark Office who is of record in this application

Registration Number 34362

A sole inventor

A joint inventor; I certify that I am authorized to sign this submission on behalf of all of the inventors

A joint inventor; all of whom are signing this request

The assignee of record of the entire interest that has properly made itself of record pursuant to 37 CFR 3.71

Signature	/John R. King/
Name	John R. King 40

*Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner).
Form PTO/SB/96 may be used for making this certification. See MPEP § 324.

Electronic Patent Application Fee Transmittal

Application Number:	13316203
Filing Date:	09-Dec-2011
Title of Invention:	METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES
First Named Inventor/Applicant Name:	Michael E. Shanahan
Filer:	John R. King/Paula Yrigoyen
Attorney Docket Number:	SOLME.001A2C8

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Statutory or Terminal Disclaimer	1814	1	160	160

Pages:

Claims:

Miscellaneous-Filing:

Petition:

Patent-Appeals-and-Interference:

Post-Allowance-and-Post-Issuance:

Extension-of-Time:

42

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Total in USD (\$)				160

Doc Code: DISQ.E.FILE

Document Description: Electronic Terminal Disclaimer – Approved

Application No.: 13316203

Filing Date: 09-Dec-2011

Applicant/Patent under Reexamination: Shanahan et al.

Electronic Terminal Disclaimer filed on March 21, 2013

APPROVED

This patent is subject to a terminal disclaimer

DISAPPROVED

Approved/Disapproved by: Electronic Terminal Disclaimer automatically approved by EFS-Web

U.S. Patent and Trademark Office

Electronic Acknowledgement Receipt

EFS ID:	15320772
Application Number:	13316203
International Application Number:	
Confirmation Number:	1697
Title of Invention:	METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES
First Named Inventor/Applicant Name:	Michael E. Shanahan
Customer Number:	20995
Filer:	John R. King/Paula Yrigoyen
Filer Authorized By:	John R. King
Attorney Docket Number:	SOLME.001A2C8
Receipt Date:	21-MAR-2013
Filing Date:	09-DEC-2011
Time Stamp:	14:26:47
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$160
RAM confirmation Number	734
Deposit Account	
Authorized User	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
		45			

1	Electronic Terminal Disclaimer-Filed	eTerminal-Disclaimer.pdf	37256	no	3
			4302598ac0c1dc3a741651893e16690747848f3f		
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	30209	no	2
			211a4672cf3031ff7846768b5c727cd6d1b6b323		
Warnings:					
Information:					
Total Files Size (in bytes):			67465		

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

Inventor	: Michael E. Shanahan
App. No.	: 13/316,203
Filed	: December 9, 2011
For	: METHODS AND APPARATUSES FOR PROGRAMMING USER- DEFINED INFORMATION INTO ELECTRONIC DEVICES
Examiner	: Beamer, Temica M.
Art Unit	: 2646
Conf No.	: 1697

RESPONSE TO DECEMBER 21, 2012 OFFICE ACTION**Mail Stop Amendment**

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

Dear Sir:

In response to the Office Action mailed December 21, 2012, Applicant respectfully submits the following amendments and comments.

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

Remarks/Arguments begin on page 5 of this paper.

AMENDMENTS TO THE CLAIMS

No amendments have been made to the Claims at this time.

1. (Previously Presented) A method of providing an audio file to a communications device, the method comprising:

providing to a browser of a communications device, a listing of multiple audio files, wherein at least one of the audio files in the listing of multiple audio files is available in two or more different digital formats;

receiving an electronic request from the communications device that identifies a first audio file that is available in the two or more different digital formats;

automatically identifying with computer hardware comprising one or more computer processors, at least one digital format that is compatible with the communications device;

comparing the digital format that is compatible with the communications device with the two or more different digital formats of the first audio file to identify at least a first compatible digital format; and

transferring to the communications device, at least the first compatible digital format of the first audio file.

2. (Original) The method of Claim 1 wherein automatically identifying the at least one digital format that is compatible with the communications device is transparent to a user of the communications device.

3. (Original) The method of Claim 1 wherein automatically identifying the at least one digital format that is compatible with the communications device comprises polling the communications device to automatically identify the first compatible digital format.

4. (Original) The method of Claim 1 wherein the communications device is a wireless communications device.

5. (Original) The method of Claim 1 wherein the first compatible digital format of the first audio file is at least one of the group consisting of: Music Instrument Digital Interface (MIDI), Motion Pictures Expert Group (MPEG), MPEG 2 layer 3 (MP3), Waveform audio file (WAV), Pulse Code Modulated (PCM), Windows Media Audio code (WMA), or Adaptive Transform Acoustic Coding (ATRAC).

6. (Original) The method of Claim 1 further comprising allowing the user to search for the first audio file with the browser.

7. (Original) The method of Claim 1 wherein the browser is an internet browser.

8. (Original) The method of Claim 1 wherein the browser is a Wireless Application Protocol (WAP) compliant browser.

9. (Original) The method of Claim 1 wherein the first audio file is configured to be used as an indicia of an incoming communication.

10. (Previously Presented) A system that provides an audio file to a communications device, the system comprising:

one or more computer processors configured to provide to a browser of a communications device, a listing of multiple audio files, wherein at least one of the audio files in the listing of the multiple audio files is available in two or more different digital formats;

one or more computer processors configured to receive an electronic request from the communications device that identifies a first audio file that is available in the two or more different digital formats;

one or more computer processors configured to automatically identify at least one digital format that is compatible with the communications device;

one or more computer processors configured to compare the digital format that is compatible with the communications device with the two or more

different digital formats of the first audio file to identify at least a first compatible digital format; and

one or more computer processors configured to transfer to the communications device, at least the first compatible digital format of the first audio file.

11. (Original) The system of Claim 10 wherein automatically identifying the at least one digital format that is compatible with the communications device is transparent to a user of the communications device.

12. (Original) The system of Claim 10 wherein automatically identifying the at least one digital format that is compatible with the communications device comprises polling the communications device.

13. (Original) The system of Claim 10 wherein the communications device is a wireless communications device.

14. (Original) The system of Claim 10 wherein the digital format of the first audio file is at least one of the group consisting of: Music Instrument Digital Interface (MIDI), Motion Pictures Expert Group (MPEG), MPEG 2 layer 3 (MP3), Waveform audio file (WAV), Pulse Code Modulated (PCM), Windows Media Audio code (WMA), or Adaptive Transform Acoustic Coding (ATRAC).

15. (Original) The system of Claim 10 wherein one or more computer processors are configured to allow the user to search for the first audio file with the browser.

16. (Original) The system of Claim 10 wherein the browser is an internet browser.

17. (Original) The system of Claim 10 wherein the browser is a Wireless Application Protocol (WAP) compliant browser.

18. (Original) The system of Claim 10 wherein the first audio file is configured for use as an indicia of an incoming communication.

REMARKS

The December 21, 2012 Office Action was based upon pending Claims 1-18. This Amendment does not amend any of the Claims. Thus, after entry of this Amendment, Claims 1-18 are pending and presented for further consideration.

DOUBLE PATENTING

In the December 21, 2012 Office Action, Claims 1-18 were rejected on the grounds of non-statutory obviousness-type double patenting as being unpatentable over:

- 1) Claims 1-9 of U.S. Patent No. 6,496,692;
- 2) Claims 1-46 of U.S. Patent No. 7,257,395;
- 3) Claims 1-30 of U.S. Patent No. 7,295,864;
- 4) Claims 1-31 of U.S. Patent No. 7,620,427;
- 5) Claims 1-34 of U.S. Patent No. 7,289,798;
- 6) Claims 1-10 of U.S. Patent No. 7,319,866;
- 7) Claims 1-67 of U.S. Patent No. 7,742,759;
- 8) Claims 1-29 of U.S. Patent No. 8,249,572;
- 9) Claims 1-32 of U.S. Patent No. 8,170,538; and
- 10) Claims 1-46 of U.S. Patent No. 8,224,394.

In response, Applicant submits herewith a Terminal Disclaimer in compliance with 37 C.F.R. §1.321(b) and (c). Accordingly, Applicant respectfully requests that the obviousness-type double patenting rejection be withdrawn.

OTHER APPLICATIONS OF ASSIGNEE

Applicant wishes to draw the Examiner's attention to the following applications owned by of the present application's assignee:

Application No.: 13/316,203
Filing Date: December 9, 2011

Inventors	Appl. No.	Filing Date	Attorney Docket No.	Title
Shanahan	60/169,158 Now Expired	12/06/99	N/A	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	09/518,712 Now Pat. 6,496,692	03/03/00	SOLME.001A1	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	09/518,846 Now Abandoned	03/03/00	N/A	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	10/223,200 Now Pat. 7,257,395	08/16/02	SOLME.001A1C1	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	10/600,975 Now Pat. 7,149,509	06/20/03	SOLME.001A2C1	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	10/603,271 Now Pat. 7,295,864	06/24/03	SOLME.001A2C2	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	10/603,285 Now Pat. 7,620,427	06/24/03	SOLME.001A2C3	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	10/915,862 Now Pat. 7,289,798	08/11/04	SOLME.001A1C2	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	10/915,866 Now Pat. 7,319,866	08/11/04	SOLME.001A1C3	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	11/633,122 Now Pat. 7,742,759	12/02/06	SOLME.001A2C4	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	11/633,135 Now Pat. 8,249,572	12/02/06	SOLME.001A1C4	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices

Application No.: 13/316,203
Filing Date: December 9, 2011

Inventors	Appl. No.	Filing Date	Attorney Docket No.	Title
Shanahan	11/633,142 Now Pat. 7,555,317	12/02/06	SOLME.001A2C7	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	12/128,991 Now Pat. 8,170,538	05/29/08	SOLME.001A2C5	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	12/335,300 Now Pat. 8,224,394	12/15/08	SOLME.001A2C6	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	13/316,203 Published 2012/0084395	12/09/11	SOLME.001A2C8	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	13/459,927 Now Pat. 8,326,278	04/30/12	SOLME.001A2C9	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	13/471,161 Published 2012/0226777	05/14/12	SOLME.001A2C10	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	13/587,428 Published 2012/0311646	08/16/12	SOLME.001A1C5	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	13/615,013 Published 2013/0007820	09/13/12	SOLME.001A2C11	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	13/614,333 Published 2013/0010856	09/13/12	SOLME.001A1C6	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	13/725,927	12/21/12	SOLME.001A2C12	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	13/725,687	12/21/12	SOLME.001A1C7	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices

Application No.: 13/316,203
Filing Date: December 9, 2011

Applicant notes that cited references, office actions, responses and notices of allowance currently exist or will exist for the above-referenced matters. Applicant also understands that the Examiner has access to sophisticated online Patent Office computing systems that provide ready access to the full file histories of these matters including, for example, specifications, drawings, pending claims, cited art, office actions, responses, declarations, and notices of allowance.

Rather than submit copies these file histories, Applicant respectfully requests that the Examiner continue to review these file histories online for past, current, and future information about these matters.

Also, if the Examiner cannot readily access these file histories, the Applicant would be pleased to provide any portion of any of the file histories at any time upon specific Examiner request.

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Submitted concurrently herewith is a Supplemental Information Disclosure Statement citing new references. Applicant respectfully requests the Examiner to consider the pending claims in connection with these references in order to make the references of record.

NO DISCLAIMERS OR DISAVOWALS

Although the present communication may include alterations to the application or claims, or characterizations of claim scope or referenced art, Applicant is not conceding in this application that previously pending claims are not patentable over the cited references. Rather, any alterations or characterizations are being made to facilitate expeditious prosecution of this application.

Applicant reserves the right to pursue at a later date any previously pending or other broader or narrower claims that capture any subject matter supported by the present disclosure, including subject matter found to be specifically disclaimed herein or by any prior prosecution.

Application No.: 13/316,203
Filing Date: December 9, 2011

Accordingly, reviewers of this or any parent, child or related prosecution history shall not reasonably infer that Applicant has made any disclaimers or disavowals of any subject matter supported by the present application.

CONCLUSION

Applicants have endeavored to address all of the Examiner's concerns as expressed in the outstanding Office Action. In light of the above remarks, reconsideration and withdrawal of the outstanding rejections is specifically requested.

Also, please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 3-21-2013

By: John R. King
John R. King
Registration No. 34,362
Attorney of Record
Customer No. 20,995
(949) 760-0404

15021863:ad
031313

Electronic Patent Application Fee Transmittal

Application Number:	13316203
Filing Date:	09-Dec-2011
Title of Invention:	METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES
First Named Inventor/Applicant Name:	Michael E. Shanahan
Filer:	John R. King
Attorney Docket Number:	SOLME.001A2C8

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Submission- Information Disclosure Stmt	2806	1	90	90
Total in USD (\$)				90

Electronic Acknowledgement Receipt

EFS ID:	15319848
Application Number:	13316203
International Application Number:	
Confirmation Number:	1697
Title of Invention:	METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES
First Named Inventor/Applicant Name:	Michael E. Shanahan
Customer Number:	20995
Filer:	John R. King/Robin Leu
Filer Authorized By:	John R. King
Attorney Docket Number:	SOLME.001A2C8
Receipt Date:	21-MAR-2013
Filing Date:	09-DEC-2011
Time Stamp:	15:19:27
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$90
RAM confirmation Number	1821
Deposit Account	111410
Authorized User	KNOBBE MARTENS OLSON AND BEAR

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 58 (Patent application and reexamination processing fees)

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		2013-03-21_IDS_SOLME001A2C8.pdf	92960 8df0976e858d72cacfe72321637a491825b2650a	yes	2
Multipart Description/PDF files in .zip description					
Document Description			Start	End	
Transmittal Letter			1	1	
Information Disclosure Statement (IDS) Form (SB08)			2	2	
Warnings:					
Information:					
2	Non Patent Literature	NPL_ISR_Mar20-2002.pdf	89532 71e83ac744921ce76a114e57e1ab307ad31eb45f	no	3
Warnings:					
Information:					
3		2013-03-21_OfficeActionResponse_SOLME001A2C8.pdf	373285 e337e02bcb86986cc3ab33df10bfe2ca7ed2cd33	yes	9
Multipart Description/PDF files in .zip description					
Document Description			Start	End	
Amendment/Req. Reconsideration-After Non-Final Reject			1	1	
Claims			2	4	
Applicant Arguments/Remarks Made in an Amendment			5	9	
Warnings:					
Information:					
4	Fee Worksheet (SB06)	fee-info.pdf	30227 0701b8a2ea6eb32a9d1b3ec35a580e662ec092e8	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			586004		

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.

INFORMATION DISCLOSURE STATEMENT

Inventor	:	Michael E. Shanahan
App. No.	:	13/316,203
Filed	:	December 9, 2011
For	:	METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES
Examiner	:	Beamer, Temica M.
Art Unit	:	2646
Conf. No.	:	1697

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

References and Listing

Submitted herewith in the above-identified application is an Information Disclosure Statement listing references for consideration. Copies of any listed foreign and non-patent literature references are being submitted.

Timing of Disclosure

This Information Disclosure Statement is being filed after receipt of a first office action, but before the mailing date of a final action and before the mailing date of a Notice of Allowance. This Statement is accompanied by the fees set forth in 37 C.F.R. § 1.17(p). The Commissioner is hereby authorized to charge any additional fees which may be required or to credit any overpayment to Account No. 11-1410.

Respectfully submitted,
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 3-21-2013

By: John R. King
John R. King
Registration No. 34,362
Attorney of Record
Customer No. 20,995
(949) 760-0404

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	13/316203	
	Filing Date	12-09-2011	
	First Named Inventor	Shanahan, Michael E.	
	Art Unit	2646	
<i>(Multiple sheets used when necessary)</i>		Examiner	Beamer, Temica M.
SHEET 1 OF 1		Attorney Docket No.	SOLME.001A2C8

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number <i>Number - Kind Code (if known)</i> Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	8,224,394	07-17-2012	Shanahan, Michael	
	2	8,249,572	08-21-2012	Shanahan, Michael	
	3	8,326,278	12-04-2012	Shanahan, Michael	
	4	8,401,537	03-19-2013	Shanahan, Michael	
	5	09/518846	03-03-2000	Shanahan, Michael	
	6	13/725687 (Filed on 12-21-2012)		Shanahan, Michael	
	7	13/725927 (Filed on 12-21-2012)		Shanahan, Michael	
	8	2013/0010856	01-10-2013	Shanahan, Michael	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document <i>Country Code-Number-Kind Code</i> Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ¹

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹
	9	International Search Report of the International Searching Authority mailed Mar. 20, 2002, issued in connection with International Patent Appln. No. PCT/US00/32920 (3 pages)	

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031313

Examiner Signature	Date Considered
<p>*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.</p>	

T¹ - Place a check mark in this area when an English language Translation is attached.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 00/32920

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04M1/247 H04M1/725		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 H04M		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ, WPI Data		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 851 649 A (NOKIA MOBILE PHONES LTD) 1 July 1998 (1998-07-01) the whole document	1-12
Y	---	13-32
Y	WO 99 28897 A (POWELL STEPHEN DAVID ;VOQUETTE NETWORKS LTD (IL)) 10 June 1999 (1999-06-10) abstract page 1, line 29 -page 2, line 15 page 4, line 18-34 page 6, line 13 -page 7, line 2 page 7, line 4-18 page 12, line 23 -page 15, line 29 page 20, line 5 -page 24, line 27 figures 1,2 --- -/--	13-32
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.		
<input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents :		
A document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *G* document member of the same patent family		
Date of the actual completion of the international search 13 March 2002		Date of mailing of the international search report 20/03/2002
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer Golzio, D

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 00/32920

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	WO 00 38340 A (KIM JAEHAN) 29 June 2000 (2000-06-29) the whole document	1-12
X	& KR 99 024 210 A (KIM JAEHAN) 25 March 1999 (1999-03-25) the whole document	1-12
A	--- WO 99 43136 A (ERICSSON GE MOBILE INC) 26 August 1999 (1999-08-26) abstract page 4, line 20 -page 9, line 19 figures 1-7	1-32
A	--- PATENT ABSTRACTS OF JAPAN vol. 1997, no. 12, 25 December 1997 (1997-12-25) & JP 09 205471 A (NIPPON DENKI IDO TSUSHIN KK), 5 August 1997 (1997-08-05) abstract -----	1-32

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 00/32920

Patent document cited in search report	A	Publication date	Patent family member(s)	Publication date
EP 0851649	A	01-07-1998	FI 965265 A	01-07-1998
			EP 0851649 A2	01-07-1998
			JP 10215321 A	11-08-1998
			US 6094587 A	25-07-2000
WO 9928897	A	10-06-1999	EP 1034532 A1	13-09-2000
			WO 9928897 A1	10-06-1999
			JP 2001525563 T	11-12-2001
WO 0038340	A	29-06-2000	WO 0038340 A1	29-06-2000
WO 9943136	A	26-08-1999	AU 2220699 A	06-09-1999
			BR 9908009 A	24-10-2000
			CN 1291400 T	11-04-2001
			EE 200000463 A	15-02-2002
			EP 1057312 A1	06-12-2000
			NO 20004149 A	18-10-2000
			WO 9943136 A1	26-08-1999
JP 09205471	A	05-08-1997	NONE	

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.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 13/316,203	Filing Date 12/09/2011	<input type="checkbox"/> To be Mailed
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ENTITY: LARGE SMALL MICRO

APPLICATION AS FILED – PART I

FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)
<input checked="" type="checkbox"/> BASIC FEE <small>(37 CFR 1.16(a), (b), or (c))</small>	N/A	N/A	N/A	190
<input type="checkbox"/> SEARCH FEE <small>(37 CFR 1.16(k), (l), or (m))</small>	N/A	N/A	N/A	
<input type="checkbox"/> EXAMINATION FEE <small>(37 CFR 1.16(o), (p), or (q))</small>	N/A	N/A	N/A	
TOTAL CLAIMS <small>(37 CFR 1.16(i))</small>	minus 20 =	*	X \$ =	
INDEPENDENT CLAIMS <small>(37 CFR 1.16(h))</small>	minus 3 =	*	X \$ =	
<input type="checkbox"/> APPLICATION SIZE FEE <small>(37 CFR 1.16(s))</small>	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).			
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT <small>(37 CFR 1.16(j))</small>				
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	190

APPLICATION AS AMENDED – PART II

	(Column 1)	(Column 2)	(Column 3)	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)
AMENDMENT	03/21/2013	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR			
	Total <small>(37 CFR 1.16(i))</small>	* 18	Minus	** 20	= 0	X \$40 = 0
	Independent <small>(37 CFR 1.16(h))</small>	* 2	Minus	***3	= 0	X \$210 = 0
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>					
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						
					TOTAL ADD'L FEE	0

	(Column 1)	(Column 2)	(Column 3)	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR			
	Total <small>(37 CFR 1.16(i))</small>	*	Minus	**	=	X \$ =
	Independent <small>(37 CFR 1.16(h))</small>	*	Minus	***	=	X \$ =
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>					
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						
					TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

LIE
 /TER JACKSON WOODRUFF/

This collection of information is required by 37 CFR 1.16. 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, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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Alexandria, Virginia 22313-1450
www.uspto.gov

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
Row 1: 13/316,203, 12/09/2011, Michael E. Shanahan, SOLME.001A2C8, 1697
Row 2: 20995, 7590, 12/21/2012, KNOBBE MARTENS OLSON & BEAR LLP, 2040 MAIN STREET, FOURTEENTH FLOOR, IRVINE, CA 92614, EXAMINER BEAMER, TEMICA M, ART UNIT 2646, PAPER NUMBER, NOTIFICATION DATE 12/21/2012, DELIVERY MODE ELECTRONIC

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

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

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

jayna.cartee@knobbe.com
efiling@knobbe.com

Office Action Summary	Application No. 13/316,203	Applicant(s) SHANAHAN, MICHAEL E.	
	Examiner TEMICA M. BEAMER	Art Unit 2646	

-- 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 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

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

Status

- 1) Responsive to communication(s) filed on 23 October 2012.
- 2a) This action is **FINAL**.
- 2b) This action is non-final.
- 3) An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
- 4) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 5) Claim(s) 1-18 is/are pending in the application.
- 5a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 6) Claim(s) _____ is/are allowed.
- 7) Claim(s) 1-18 is/are rejected.
- 8) Claim(s) _____ is/are objected to.
- 9) Claim(s) _____ are subject to restriction and/or election requirement.

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

Application Papers

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

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) All b) Some * c) None of:
 - 1. Certified copies of the priority documents have been received.
 - 2. Certified copies of the priority documents have been received in Application No. _____.
 - 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

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

Attachment(s)

- 1) Notice of References Cited (PTO-892)
- 2) Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____.
- 3) Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 4) Other: _____.

DETAILED ACTION

Double Patenting

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

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

Art Unit: 2646

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

2. Claims 1-18 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1-9 of U.S. Patent No. 6,496,692.

Although the conflicting claims are not identical, they are not patentably distinct from each other because both inventions are drawn to a method for providing an audio to a communication device.

3. Claims 1-18 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1-46 of U.S. Patent No. 7,257,395.

Although the conflicting claims are not identical, they are not patentably distinct from each other because both inventions are drawn to a method for providing an audio to a communication device.

4. Claims 1-18 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1-30 of U.S. Patent No. 7,295,864.

Although the conflicting claims are not identical, they are not patentably distinct from each other because both inventions are drawn to a method for providing an audio to a communication device.

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5. Claims 1-18 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1-31 of U.S. Patent No. 7,620,427.

Although the conflicting claims are not identical, they are not patentably distinct from each other because both inventions are drawn to a method for providing an audio to a communication device.

6. Claims 1-18 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1-34 of U.S. Patent No. 7,289,798.

Although the conflicting claims are not identical, they are not patentably distinct from each other because both inventions are drawn to a method for providing an audio to a communication device.

7. Claims 1-18 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1-10 of U.S. Patent No. 7,319,866.

Although the conflicting claims are not identical, they are not patentably distinct from each other because both inventions are drawn to a method for providing an audio to a communication device.

8. Claims 1-18 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1-67 of U.S. Patent No. 7,742,759.

Although the conflicting claims are not identical, they are not patentably distinct from

Art Unit: 2646

each other because both inventions are drawn to a method for providing an audio to a communication device.

9. Claims 1-18 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1-29 of U.S. Patent No. 8,249,572.

Although the conflicting claims are not identical, they are not patentably distinct from each other because both inventions are drawn to a method for providing an audio to a communication device.

10. Claims 1-18 rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1-32 of U.S. Patent No. 8,170,538.

Although the conflicting claims are not identical, they are not patentably distinct from each other because both inventions are drawn to a method for providing an audio to a communication device.

11. Claims 1-18 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1-46 of U.S. Patent No. 8,224,394.

Although the conflicting claims are not identical, they are not patentably distinct from each other because both inventions are drawn to a method for providing an audio to a communication device.

Conclusion

12. Any inquiry concerning this communication or earlier communications from the examiner should be directed to TEMICA M. BEAMER whose telephone number is (571)272-7797. The examiner can normally be reached on Monday-Thursday (alternate Fridays) 9:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lester Kincaid can be reached on (571) 272-7922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/TEMICA M. BEAMER/
Primary Examiner, Art Unit 2646

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	13/316203
	Filing Date	12-09-2011
	First Named Inventor	Shanahan, Michael E.
	Art Unit	2617
<i>(Multiple sheets used when necessary)</i>	Examiner	Beamer, Temica M.
SHEET 1 OF 1	Attorney Docket No.	PREMM.001A2C8

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number <i>Number - Kind Code (if known)</i> Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	8,224,394	07-17-2012	Shanahan, Michael	
	2	8,249,572	08-21-2012	Shanahan, Michael	
	3	2012/0214453	08-23-2012	Shanahan, Michael	
	4	2012/0226777	09-06-2012	Shanahan, Michael	
	5	13/587428	08-16-2012	Shanahan, Michael	
	6	13/615013	09-13-2012	Shanahan, Michael	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document <i>Country Code-Number-Kind Code</i> Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ¹

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹

14205043:ad
102312

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.B./

Examiner Signature	/Temica Beamer/	Date Considered	12/16/2012
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*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.

T¹ - Place a check mark in this area when an English language ~~74~~ Translation is attached.

Index of Claims 	Application/Control No. 13316203	Applicant(s)/Patent Under Reexamination SHANAHAN, MICHAEL E.
	Examiner TEMICA M BEAMER	Art Unit 2617

✓	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

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

CLAIM		DATE							
Final	Original	01/30/2012	05/13/2012	07/19/2012	12/16/2012				
1	1	✓	✓	=	✓				
2	2	✓	✓	=	✓				
3	3	✓	✓	=	✓				
4	4	✓	✓	=	✓				
5	5	✓	✓	=	✓				
6	6	✓	✓	=	✓				
7	7	✓	✓	=	✓				
8	8	✓	✓	=	✓				
9	9	✓	✓	=	✓				
10	10	✓	✓	=	✓				
11	11	✓	✓	=	✓				
12	12	✓	✓	=	✓				
13	13	✓	✓	=	✓				
14	14	✓	✓	=	✓				
15	15	✓	✓	=	✓				
16	16	✓	✓	=	✓				
17	17	✓	✓	=	✓				
18	18	✓	✓	=	✓				

Search Notes 	Application/Control No. 13316203	Applicant(s)/Patent Under Reexamination SHANAHAN, MICHAEL E.
	Examiner TEMICA M BEAMER	Art Unit 2617

SEARCHED			
Class	Subclass	Date	Examiner
455	418, 415, 419, 414.1, 566, 557, 567	1/30/2012	TMB
	updated search	5/13/2012	TMB
	updated search	7/19/2012	TMB
	updated search	12/16/2012	TMB

SEARCH NOTES			
Search Notes	Date	Examiner	
WEST	1/30/2012	TMB	
WEST	5/13/2012	TMB	
WEST	7/19/2012	TMB	
WEST	12/16/2012	TMB	

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner
455	567, 418, 557, 415	7/19/2012	TMB
	PGPUB text search	7/19/2012	TMB

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**REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL
(Submitted Only via EFS-Web)**

Application Number	13316203	Filing Date	2011-12-09	Docket Number (if applicable)	SOLME.001A2C8	Art Unit	2617
First Named Inventor	Michael E. Shanahan			Examiner Name	Temica M. Beamer		

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____

Other _____

Enclosed

Amendment/Reply

Information Disclosure Statement (IDS)

Affidavit(s)/ Declaration(s)

Other _____

MISCELLANEOUS

Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____
(Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

Other _____

FEES

The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.

The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No 111410

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Patent Practitioner Signature

Applicant Signature

Signature of Registered U.S. Patent Practitioner			
Signature	/John R. King/	Date (YYYY-MM-DD)	2012-10-23
Name	John R. King	Registration Number	34362

This collection of information is required by 37 CFR 1.114. 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 1.11 and 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, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

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

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

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
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 inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor	:	Michael E. Shanahan
App. No.	:	13/316,203
Filed	:	December 9, 2011
For	:	METHODS AND APPARATUSES FOR PROGRAMMING USER- DEFINED INFORMATION INTO ELECTRONIC DEVICES
Examiner	:	Temica M. Beamer
Art Unit	:	2617
Conf No.	:	1697

AMENDMENT FILED WITH REQUEST FOR CONTINUED EXAMINATION

Mail Stop RCE

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

Dear Sir:

Applicant respectfully submits the following amendments and comments.

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

Remarks/Arguments begin on page 5 of this paper.

AMENDMENTS TO THE CLAIMS

Please amend Claims 1 and 10 as indicated below.

1. (Currently Amended) A method of providing an audio file to a communications device, the method comprising:

providing to a browser of a communications device, a listing of multiple audio files, wherein at least one of the audio files in the listing of multiple audio files is available in two or more different digital formats;

receiving an electronic request from the communications device that identifies a first audio file that is available in the two or more different digital formats;

automatically identifying with computer hardware comprising one or more computer processors, at least one digital format that is compatible with the communications device;

comparing the digital format that is compatible with the wireless communications device with the two or more different digital formats of the first audio file to identify at least a first compatible digital format; and

transferring to the communications device, at least the first compatible digital format of the first audio file.

2. (Original) The method of Claim 1 wherein automatically identifying the at least one digital format that is compatible with the communications device is transparent to a user of the communications device.

3. (Original) The method of Claim 1 wherein automatically identifying the at least one digital format that is compatible with the communications device comprises polling the communications device to automatically identify the first compatible digital format.

4. (Original) The method of Claim 1 wherein the communications device is a wireless communications device.

5. (Original) The method of Claim 1 wherein the first compatible digital format of the first audio file is at least one of the group consisting of: Music Instrument Digital Interface (MIDI), Motion Pictures Expert Group (MPEG), MPEG 2 layer 3 (MP3), Waveform audio file (WAV), Pulse Code Modulated (PCM), Windows Media Audio code (WMA), or Adaptive Transform Acoustic Coding (ATRAC).

6. (Original) The method of Claim 1 further comprising allowing the user to search for the first audio file with the browser.

7. (Original) The method of Claim 1 wherein the browser is an internet browser.

8. (Original) The method of Claim 1 wherein the browser is a Wireless Application Protocol (WAP) compliant browser.

9. (Original) The method of Claim 1 wherein the first audio file is configured to be used as an indicia of an incoming communication.

10. (Currently Amended) A system that provides an audio file to a communications device, the system comprising:

one or more computer processors configured to provide to a browser of a communications device, a listing of multiple audio files, wherein at least one of the audio files in the listing of the multiple audio files is available in two or more different digital formats;

one or more computer processors configured to receive an electronic request from the communications device that identifies a first audio file that is available in the two or more different digital formats;

one or more computer processors configured to automatically identify at least one digital format that is compatible with the communications device;

one or more computer processors configured to compare the digital format that is compatible with the wireless communications device with the two or more different digital formats of the first audio file to identify at least a first compatible digital format; and

one or more computer processors configured to transfer to the communications device, at least the first compatible digital format of the first audio file.

11. (Original) The system of Claim 10 wherein automatically identifying the at least one digital format that is compatible with the communications device is transparent to a user of the communications device.

12. (Original) The system of Claim 10 wherein automatically identifying the at least one digital format that is compatible with the communications device comprises polling the communications device.

13. (Original) The system of Claim 10 wherein the communications device is a wireless communications device.

14. (Original) The system of Claim 10 wherein the digital format of the first audio file is at least one of the group consisting of: Music Instrument Digital Interface (MIDI), Motion Pictures Expert Group (MPEG), MPEG 2 layer 3 (MP3), Waveform audio file (WAV), Pulse Code Modulated (PCM), Windows Media Audio code (WMA), or Adaptive Transform Acoustic Coding (ATRAC).

15. (Original) The system of Claim 10 wherein one or more computer processors are configured to allow the user to search for the first audio file with the browser.

16. (Original) The system of Claim 10 wherein the browser is an internet browser.

17. (Original) The system of Claim 10 wherein the browser is a Wireless Application Protocol (WAP) compliant browser.

18. (Original) The system of Claim 10 wherein the first audio file is configured for use as an indicia of an incoming communication.

Application No.: 13/316,203
 Filing Date: December 9, 2011

REMARKS

This Amendment amends Claims 1 and 10. Thus, after entry of this Amendment, Claims 1-18 are pending and presented for further consideration.

OTHER APPLICATIONS OF ASSIGNEE

Applicant wishes to draw the Examiner's attention to the following applications owned by of the present application's assignee:

Inventors	Appl. No.	Filing Date	Attorney Docket No.	Title
Shanahan	60/169,158 Now Expired	12/06/99	N/A	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	09/518,712 Now Pat. 6,496,692	03/03/00	SOLME.001A1	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	09/518,846 Now Abandoned	03/03/00	N/A	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	10/223,200 Now Pat. 7,257,395	08/16/02	SOLME.001A1C1	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	10/600,975 Now Pat. 7,149,509	06/20/03	SOLME.001A2C1	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	10/603,271 Now Pat. 7,295,864	06/24/03	SOLME.001A2C2	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	10/603,285 Now Pat. 7,620,427	06/24/03	SOLME.001A2C3	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	10/915,862 Now Pat. 7,289,798	08/11/04	SOLME.001A1C2	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	10/915,866 Now Pat. 7,319,866	08/11/04	SOLME.001A1C3	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices

Application No.: 13/316,203
Filing Date: December 9, 2011

Inventors	Appl. No.	Filing Date	Attorney Docket No.	Title
Shanahan	11/633,122 Now Pat. 7,742,759	12/02/06	SOLME.001A2C4	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	11/633,135 Now Pat. 8,249,572	12/02/06	SOLME.001A1C4	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	11/633,142 Now Pat. 7,555,317	12/02/06	SOLME.001A2C7	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	12/128,991 Now Pat. 8,170,538	05/29/08	SOLME.001A2C5	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	12/335,300 Now Pat. 8,224,394	12/15/08	SOLME.001A2C6	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	13/316,203 Published 2012/0084395	12/09/11	SOLME.001A2C8	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	13/459,927 Published 2012/0214453	04/30/12	SOLME.001A2C9	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	13/471,161 Published 2012/0226777	05/14/12	SOLME.001A2C10	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	13/587,428	08/16/12	SOLME.001A1C5	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	13/615,013	09/13/12	SOLME.001A2C11	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices

Applicant notes that cited references, office actions, responses and notices of allowance currently exist or will exist for the above-referenced matters. Applicant also understands that the Examiner has access to sophisticated online Patent Office computing systems that provide ready access to the full file histories of these matters

Application No.: 13/316,203
Filing Date: December 9, 2011

including, for example, specifications, drawings, pending claims, cited art, office actions, responses, declarations, and notices of allowance.

Rather than submit copies these file histories, Applicant respectfully requests that the Examiner continue to review these file histories online for past, current, and future information about these matters.

Also, if the Examiner cannot readily access these file histories, the Applicant would be pleased to provide any portion of any of the file histories at any time upon specific Examiner request.

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Submitted concurrently herewith is a Supplemental Information Disclosure Statement citing new references. Applicant respectfully requests the Examiner to consider the pending claims in connection with these references in order to make the references of record.

NO DISCLAIMERS OR DISAVOWALS

Although the present communication may include alterations to the application or claims, or characterizations of claim scope or referenced art, Applicant is not conceding in this application that previously pending claims are not patentable over the cited references. Rather, any alterations or characterizations are being made to facilitate expeditious prosecution of this application.

Applicant reserves the right to pursue at a later date any previously pending or other broader or narrower claims that capture any subject matter supported by the present disclosure, including subject matter found to be specifically disclaimed herein or by any prior prosecution.

Accordingly, reviewers of this or any parent, child or related prosecution history shall not reasonably infer that Applicant has made any disclaimers or disavowals of any subject matter supported by the present application.

Application No.: 13/316,203
Filing Date: December 9, 2011

CONCLUSION

Applicants have endeavored to address all of the Examiner's concerns as expressed in the outstanding Office Action. In light of the above remarks, reconsideration and withdrawal of the outstanding rejections is specifically requested.

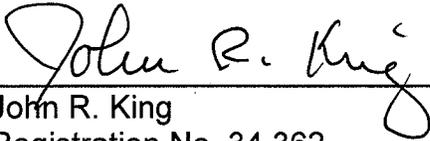
Also, please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: October 23, 2012

By: _____


John R. King
Registration No. 34,362
Attorney of Record
Customer No. 20,995
(949) 760-0404

14204974
102312

INFORMATION DISCLOSURE STATEMENT

Inventor : Michael E. Shanahan
App. No. : 13/316203
Filed : December 9, 2011
For : METHODS AND APPARATUSES FOR PROGRAMMING
USER-DEFINED INFORMATION INTO ELECTRONIC
DEVICES
Examiner : Beamer, Temica M.
Art Unit : 2617
Conf. No. : 1697

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

References and Listing

Submitted herewith in the above-identified application is an Information Disclosure Statement listing references for consideration.

Timing of Disclosure

This Information Disclosure Statement is being filed with an RCE and no fee is required.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.

Respectfully submitted,
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: October 23, 2012

By: 
John R. King
Registration No. 34,362
Attorney of Record
Customer No. 20,995
(949) 760-0404

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	13/316203
	Filing Date	12-09-2011
	First Named Inventor	Shanahan, Michael E.
	Art Unit	2617
<i>(Multiple sheets used when necessary)</i>	Examiner	Beamer, Temica M.
SHEET 1 OF 1	Attorney Docket No.	PREMM.001A2C8

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number <i>Number - Kind Code (if known)</i> Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	8,224,394	07-17-2012	Shanahan, Michael	
	2	8,249,572	08-21-2012	Shanahan, Michael	
	3	2012/0214453	08-23-2012	Shanahan, Michael	
	4	2012/0226777	09-06-2012	Shanahan, Michael	
	5	13/587428	08-16-2012	Shanahan, Michael	
	6	13/615013	09-13-2012	Shanahan, Michael	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document <i>Country Code-Number-Kind Code</i> Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ¹

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹

14205043:ad
102312

Examiner Signature	Date Considered
*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.	

T¹ - Place a check mark in this area when an English language translation is attached.

Electronic Patent Application Fee Transmittal

Application Number:	13316203
Filing Date:	09-Dec-2011
Title of Invention:	METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES
First Named Inventor/Applicant Name:	Michael E. Shanahan
Filer:	John R. King/Amy Durrant
Attorney Docket Number:	SOLME.001A2C8

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Request for continued examination	2801	1	465	465
Total in USD (\$)				465

Electronic Acknowledgement Receipt

EFS ID:	14058506
Application Number:	13316203
International Application Number:	
Confirmation Number:	1697
Title of Invention:	METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES
First Named Inventor/Applicant Name:	Michael E. Shanahan
Customer Number:	20995
Filer:	John R. King/ThuyQuyen Nguyen
Filer Authorized By:	John R. King
Attorney Docket Number:	SOLME.001A2C8
Receipt Date:	23-OCT-2012
Filing Date:	09-DEC-2011
Time Stamp:	19:12:05
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$465
RAM confirmation Number	8371
Deposit Account	111410
Authorized User	KNOBBE MARTENS OLSON AND BEAR

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 92 (Patent application and reexamination processing fees)

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Continued Examination (RCE)	SOLME-001A2C8_RCE.pdf	697792 34fab221817137c3b34bf60ed640a86d53105c	no	3
Warnings:					
Information:					
2		SOLME-001A2C8_amendment.pdf	328769 5f9d0328913a32ed2b3f031ebac57cd91b2b7292	yes	8
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Amendment Submitted/Entered with Filing of CPA/RCE		1	1	
	Claims		2	4	
Applicant Arguments/Remarks Made in an Amendment		5	8		
Warnings:					
Information:					
3		SOLME-001A2C8_ids.pdf	80500 2ce7c2b69cf93a749b0e952eb5d589ae05e0947	yes	2
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Transmittal Letter		1	1	
Information Disclosure Statement (IDS) Form (SB08)		2	2		
Warnings:					
Information:					
4	Fee Worksheet (SB06)	fee-info.pdf	30465 652689791686175704110f5c9d30451c1aa4b3122	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			1137526		

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.

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.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 13/316,203	Filing Date 12/09/2011	<input type="checkbox"/> To be Mailed
---	---	----------------------------------	---------------------------------------

APPLICATION AS FILED – PART I			OTHER THAN SMALL ENTITY			
	(Column 1)	(Column 2)	SMALL ENTITY <input checked="" type="checkbox"/>	OR		
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)	RATE (\$)	FEE (\$)
<input type="checkbox"/> BASIC FEE <small>(37 CFR 1.16(a), (b), or (c))</small>	N/A	N/A	N/A		N/A	
<input type="checkbox"/> SEARCH FEE <small>(37 CFR 1.16(k), (j), or (m))</small>	N/A	N/A	N/A		N/A	
<input type="checkbox"/> EXAMINATION FEE <small>(37 CFR 1.16(o), (p), or (q))</small>	N/A	N/A	N/A		N/A	
TOTAL CLAIMS <small>(37 CFR 1.16(j))</small>	minus 20 =	*	X \$ =	OR	X \$ =	
INDEPENDENT CLAIMS <small>(37 CFR 1.16(h))</small>	minus 3 =	*	X \$ =		X \$ =	
<input type="checkbox"/> APPLICATION SIZE FEE <small>(37 CFR 1.16(s))</small>	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 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).					
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT <small>(37 CFR 1.16(j))</small>						
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL		TOTAL	

APPLICATION AS AMENDED – PART II					OTHER THAN SMALL ENTITY			
	(Column 1)	(Column 2)	(Column 3)					
AMENDMENT	10/23/2012	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	RATE (\$)	ADDITIONAL FEE (\$)
	Total <small>(37 CFR 1.16(i))</small>	* 18	Minus ** 20	= 0	X \$31 =	0	OR	X \$ =
	Independent <small>(37 CFR 1.16(h))</small>	* 2	Minus *** 3	= 0	X \$125 =	0	OR	X \$ =
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>						OR	
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						OR	
					TOTAL ADD'L FEE	0	OR	TOTAL ADD'L FEE

	(Column 1)	(Column 2)	(Column 3)					
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	RATE (\$)	ADDITIONAL FEE (\$)
	Total <small>(37 CFR 1.16(i))</small>	*	Minus **	=	X \$ =		OR	X \$ =
	Independent <small>(37 CFR 1.16(h))</small>	*	Minus ***	=	X \$ =		OR	X \$ =
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>						OR	
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						OR	
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE

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

Legal Instrument Examiner:
/KAREN VESTAL/

This collection of information is required by 37 CFR 1.16. 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, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**
 If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



NOTICE OF ALLOWANCE AND FEE(S) DUE

20995 7590 07/24/2012
KNOBBE MARTENS OLSON & BEAR LLP
2040 MAIN STREET
FOURTEENTH FLOOR
IRVINE, CA 92614

EXAMINER
BEAMER, TEMICA M
ART UNIT PAPER NUMBER

2617

DATE MAILED: 07/24/2012

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.

13/316,203 12/09/2011 Michael E. Shanahan PREMM.000GEN 1697

TITLE OF INVENTION: METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES

Table with 7 columns: APPLN. TYPE, SMALL ENTITY, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE FEE, TOTAL FEE(S) DUE, DATE DUE

nonprovisional YES \$870 \$300 \$0 \$1170 10/24/2012

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 THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. 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 SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

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.



UNITED STATES PATENT AND TRADEMARK OFFICE

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

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
13/316,203 12/09/2011 Michael E. Shanahan PREMM.000GEN 1697

20995 7590 07/24/2012
KNOBBE MARTENS OLSON & BEAR LLP
2040 MAIN STREET
FOURTEENTH FLOOR
IRVINE, CA 92614

EXAMINER

BEAMER, TEMICA M

ART UNIT PAPER NUMBER

2617

DATE MAILED: 07/24/2012

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

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

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.

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.

Notice of Allowability

Application No.

13/316,203

Examiner

TEMICA M. BEAMER

Applicant(s)

SHANAHAN, MICHAEL E.

Art Unit

2617

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

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY 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.

- 1. This communication is responsive to amendment filed 7/16/2012.
- 2. An election was made by the applicant in response to a restriction requirement set forth during the interview on ____; the restriction requirement and election have been incorporated into this action.
- 3. The allowed claim(s) is/are 1-18.
- 4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some* c) None of the:
 - 1. Certified copies of the priority documents have been received.
 - 2. Certified copies of the priority documents have been received in Application No. ____ .
 - 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: ____.

Applicant has **THREE MONTHS FROM THE "MAILING DATE"** of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

- 5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 - 6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No./Mail Date ____.
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
- 7. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- 1. Notice of References Cited (PTO-892)
- 2. Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3. Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date ____
- 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material
- 5. Notice of Informal Patent Application
- 6. Interview Summary (PTO-413), Paper No./Mail Date ____ .
- 7. Examiner's Amendment/Comment
- 8. Examiner's Statement of Reasons for Allowance
- 9. Other ____.

/TEMICA M. BEAMER/
Primary Examiner, Art Unit 2617

Search Notes 	Application/Control No. 13316203	Applicant(s)/Patent Under Reexamination SHANAHAN, MICHAEL E.
	Examiner TEMICA M BEAMER	Art Unit 2617

SEARCHED			
Class	Subclass	Date	Examiner
455	418, 415, 419, 414.1, 566, 557, 567	1/30/2012	TMB
	updated search	5/13/2012	TMB
	updated search	7/19/2012	TMB

SEARCH NOTES		
Search Notes	Date	Examiner
WEST	1/30/2012	TMB
WEST	5/13/2012	TMB
WEST	7/19/2012	TMB

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner
455	567, 418, 557, 415	7/19/2012	TMB
	PGPUB text search	7/19/2012	TMB

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	13/316203
	Filing Date	12-09-2011
	First Named Inventor	Shanahan, Michael E.
	Art Unit	2617
<i>(Multiple sheets used when necessary)</i>	Examiner	Beamer, Temica M.
SHEET 1 OF 1	Attorney Docket No.	PREMM.001A2C8

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
/T.B./	1	8,170,538	05-01-2012	Shanahan, Michael	
/T.B./	2	13/459927	04-30-2012	Shanahan, Michael	
/T.B./	3	13/471161	05-14-2012	Shanahan, Michael	
/T.B./	4	2012/0084395	04-05-2012	Michael E. Shanahan	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ¹

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹

13615674:ad
071312

Examiner Signature	/Temica Beamer/	Date Considered	07/19/2012
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***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.

T¹ - Place a check mark in this area when an English language translation is attached.

WEST Search History for Application 13316203

Creation Date: 2012071903:32

Prior Art Searches

Query	DB	Op.	Plur.	Thes.	Date
(6496692 7149509 7257395 7295864 7289798 7319866).pn.	PGPB, USPT	OR	YES		07-19-2012
6385305.pn.	PGPB, USPT	OR	YES		07-19-2012
video near5 (file or clip) same download\$3 same (phone or telephone) and (cellular or wireless)	PGPB, USPT	OR	YES		07-19-2012
455/\$.ccls. and (video near5 (file or clip) same download\$3 same (phone or telephone) and (cellular or wireless))	PGPB, USPT	OR	YES		07-19-2012
video near6 brows\$3 same select\$3 and (455/\$.ccls. and video near5 (file or clip) same download\$3 same (phone or telephone) and (cellular or wireless))	PGPB, USPT	OR	YES		07-19-2012
(sample or preview) and (455/\$.ccls. and video near5 (file or clip) same download\$3 same (phone or telephone) and (cellular or wireless))	PGPB, USPT	OR	YES		07-19-2012
(455/415).ccls.	PGPB, USPT	OR	YES		07-19-2012
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((455/415).ccls.) and (download\$3 near5 ringtone and (phone or telephone) near10 (cellular or wireless))	PGPB, USPT	OR	YES		07-19-2012
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caller near3 id\$12 same video and (download\$3 near5 video and (phone or telephone) near10 (cellular or wireless))	PGPB, USPT	OR	YES		07-19-2012
video near6 call and ((455/415).ccls.)	PGPB, USPT	OR	YES		07-19-2012

incoming adj call near8 (image or video) and (phone or telephone) same (cellular or wireless)	PGPB, USPT	OR	YES		07-19-2012
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ringtone and ((wireless or cellular) and video near3 clip with audio and (phone or telephone) and download\$3)	PGPB, USPT	OR	YES		07-19-2012
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(6928468 or 6477580 or 20050054379).pn.	PGPB, USPT	OR	YES		07-19-2012
(7257395).pn.		OR	YES		07-19-2012

	PGPB, USPT				
(7295864 or 7289798 or 7319866).pn.	PGPB, USPT	OR	YES		07-19-2012
(caller and browse and signature and file and play\$3 and alwrt\$3 and plurality).clm.	PGPB	OR	YES		07-19-2012
(caller and browse and signature and file and play\$3 and alert\$3 and plurality).clm.	PGPB	OR	YES		07-19-2012
(7555317 7149509).pn.	PGPB	OR	YES		07-19-2012
(7555317 7149509).pn.	PGPB, USPT	OR	YES		07-19-2012

07/19/2012

PREMM.001A2C8

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Michael E. Shanahan
App. No. : 13/316,203
Filed : December 9, 2011
For : METHODS AND APPARATUSES
FOR PROGRAMMING USER-
DEFINED INFORMATION INTO
ELECTRONIC DEVICES
Examiner : Temica M. Beamer
Art Unit : 2617
Conf No. : 1697

RESPONSE TO MAY 17, 2012 OFFICE ACTION

Mail Stop Amendment

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

Dear Sir:

In response to the Office Action mailed May 17, 2012, Applicant respectfully submits the following amendments and comments.

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

Remarks/Arguments begin on page 5 of this paper.

Index of Claims 	Application/Control No. 13316203	Applicant(s)/Patent Under Reexamination SHANAHAN, MICHAEL E.
	Examiner TEMICA M BEAMER	Art Unit 2617

✓	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

<input checked="" type="checkbox"/> Claims renumbered in the same order as presented by applicant					<input type="checkbox"/> CPA	<input checked="" type="checkbox"/> T.D.	<input type="checkbox"/> R.1.47		
CLAIM		DATE							
Final	Original	01/30/2012	05/13/2012	07/19/2012					
1	1	✓	✓	=					
2	2	✓	✓	=					
3	3	✓	✓	=					
4	4	✓	✓	=					
5	5	✓	✓	=					
6	6	✓	✓	=					
7	7	✓	✓	=					
8	8	✓	✓	=					
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11	11	✓	✓	=					
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15	15	✓	✓	=					
16	16	✓	✓	=					
17	17	✓	✓	=					
18	18	✓	✓	=					



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 NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
13/316,203	12/09/2011	Michael E. Shanahan	PREMM.000GEN

CONFIRMATION NO. 1697

POA ACCEPTANCE LETTER

20995
KNOBBE MARTENS OLSON & BEAR LLP
2040 MAIN STREET
FOURTEENTH FLOOR
IRVINE, CA 92614



Date Mailed: 07/24/2012

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 07/16/2012.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

/sleutchit/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

Application Number 	Application/Control No. 13/316,203	Applicant(s)/Patent under Reexamination SHANAHAN, MICHAEL E.

Document Code - DISQ	Internal Document – DO NOT MAIL
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TERMINAL DISCLAIMER	<input checked="" type="checkbox"/> APPROVED	<input type="checkbox"/> DISAPPROVED
Date Filed : 16 JUL 2012	This patent is subject to a Terminal Disclaimer	

Approved/Disapproved by:

JAB

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Michael E. Shanahan
App. No. : 13/316,203
Filed : December 9, 2011
For : METHODS AND APPARATUSES
FOR PROGRAMMING USER-
DEFINED INFORMATION INTO
ELECTRONIC DEVICES
Examiner : Temica M. Beamer
Art Unit : 2617
Conf No. : 1697

RESPONSE TO MAY 17, 2012 OFFICE ACTION**Mail Stop Amendment**

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

Dear Sir:

In response to the Office Action mailed May 17, 2012, Applicant respectfully submits the following amendments and comments.

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

Remarks/Arguments begin on page 5 of this paper.

AMENDMENTS TO THE CLAIMS

No amendments have been made to the pending claims in this response.

1. (Original) A method of providing an audio file to a communications device, the method comprising:

providing to a browser of a communications device, a listing of multiple audio files, wherein at least one of the audio files in the listing of multiple audio files is available in two or more different digital formats;

receiving an electronic request from the communications device that identifies a first audio file that is available in the two or more different digital formats;

automatically identifying with computer hardware comprising one or more computer processors, at least one digital format that is compatible with the communications device;

comparing the digital format that is compatible with the wireless device with the two or more different digital formats of the first audio file to identify at least a first compatible digital format; and

transferring to the communications device, at least the first compatible digital format of the first audio file.

2. (Original) The method of Claim 1 wherein automatically identifying the at least one digital format that is compatible with the communications device is transparent to a user of the communications device.

3. (Original) The method of Claim 1 wherein automatically identifying the at least one digital format that is compatible with the communications device comprises polling the communications device to automatically identify the first compatible digital format.

4. (Original) The method of Claim 1 wherein the communications device is a wireless communications device.

5. (Original) The method of Claim 1 wherein the first compatible digital format of the first audio file is at least one of the group consisting of: Music Instrument Digital Interface (MIDI), Motion Pictures Expert Group (MPEG), MPEG 2 layer 3 (MP3), Waveform audio file (WAV), Pulse Code Modulated (PCM), Windows Media Audio code (WMA), or Adaptive Transform Acoustic Coding (ATRAC).

6. (Original) The method of Claim 1 further comprising allowing the user to search for the first audio file with the browser.

7. (Original) The method of Claim 1 wherein the browser is an internet browser.

8. (Original) The method of Claim 1 wherein the browser is a Wireless Application Protocol (WAP) compliant browser.

9. (Original) The method of Claim 1 wherein the first audio file is configured to be used as an indicia of an incoming communication.

10. (Original) A system that provides an audio file to a communications device, the system comprising:

one or more computer processors configured to provide to a browser of a communications device, a listing of multiple audio files, wherein at least one of the audio files in the listing of the multiple audio files is available in two or more different digital formats;

one or more computer processors configured to receive an electronic request from the communications device that identifies a first audio file that is available in the two or more different digital formats;

one or more computer processors configured to automatically identify at least one digital format that is compatible with the communications device;

one or more computer processors configured to compare the digital format that is compatible with the wireless device with the two or more different

digital formats of the first audio file to identify at least a first compatible digital format; and

one or more computer processors configured to transfer to the communications device, at least the first compatible digital format of the first audio file.

11. (Original) The system of Claim 10 wherein automatically identifying the at least one digital format that is compatible with the communications device is transparent to a user of the communications device.

12. (Original) The system of Claim 10 wherein automatically identifying the at least one digital format that is compatible with the communications device comprises polling the communications device.

13. (Original) The system of Claim 10 wherein the communications device is a wireless communications device.

14. (Original) The system of Claim 10 wherein the digital format of the first audio file is at least one of the group consisting of: Music Instrument Digital Interface (MIDI), Motion Pictures Expert Group (MPEG), MPEG 2 layer 3 (MP3), Waveform audio file (WAV), Pulse Code Modulated (PCM), Windows Media Audio code (WMA), or Adaptive Transform Acoustic Coding (ATRAC).

15. (Original) The system of Claim 10 wherein one or more computer processors are configured to allow the user to search for the first audio file with the browser.

16. (Original) The system of Claim 10 wherein the browser is an internet browser.

17. (Original) The system of Claim 10 wherein the browser is a Wireless Application Protocol (WAP) compliant browser.

18. (Original) The system of Claim 10 wherein the first audio file is configured for use as an indicia of an incoming communication.

Application No.: 13/316,203
Filing Date: December 9, 2011

REMARKS

The May 17 2012 Office Action was based upon pending Claims 1-18 Because no amendments are being made to the pending claims, after entry of this Response, Claims 1-18 are pending and presented for further consideration.

DOUBLE PATENTING

In the May 17, 2012 Office Action, Claims 1-18 were rejected on the grounds of non-statutory obviousness-type double patenting as being unpatentable over: Claims 1-94 of U.S. Patent No. 7,555,317 and Claims 1-81 of U.S. Patent No. 7,149,509.

In response, Applicant submits herewith a Terminal Disclaimer in compliance with 37 C.F.R. §1.321(b) and (c). Accordingly, Applicant respectfully requests that the obviousness-type double patenting rejection be withdrawn.

OTHER APPLICATIONS OF ASSIGNEE

Applicant wishes to draw the Examiner's attention to the following applications owned by of the present application's assignee:

Inventors	Appl. No.	Filing Date	Attorney Docket No.	Title
Shanahan	60/169,158 Now Expired	12/06/99	N/A	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	09/518,712 Now Pat. 6,496,692	03/03/00	PREMM.001A1	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	09/518,846 Now Abandoned	03/03/00	N/A	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	10/223,200 Now Pat. 7,257,395	08/16/02	PREMM.001A1C1	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	10/600,975 Now Pat. 7,149,509	06/20/03	PREMM.001A2C1	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices

Application No.: 13/316,203

Filing Date: December 9, 2011

Inventors	Appl. No.	Filing Date	Attorney Docket No.	Title
Shanahan	10/603,271 Now Pat. 7,295,864	06/24/03	PREMM.001A2C2	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	10/603,285 Now Pat. 7,620,427	06/24/03	PREMM.001A2C3	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	10/915,862 Now Pat. 7,289,798	08/11/04	PREMM.001A1C2	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	10/915,866 Now Pat. 7,319,866	08/11/04	PREMM.001A1C3	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	11/633,122 Now Pat. 7,742,759	12/02/06	PREMM.001A2C4	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	11/633,135 Published 2008/0182619	12/02/06	PREMM.001A1C4	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	11/633,142 Now Pat. 7,555,317	12/02/06	PREMM.001A2C7	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	12/128,991 Now Pat. 8,170,538	05/29/08	PREMM.001A2C5	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	12/335,300 Published 2009/0131105	12/15/08	PREMM.001A2C6	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	13/459,927	04/30/12	PREMM.001A2C9	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	13/471,161	05/14/12	PREMM.001A2C10	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices

Application No.: 13/316,203
Filing Date: December 9, 2011

Applicant notes that cited references, office actions, responses and notices of allowance currently exist or will exist for the above-referenced matters. Applicant also understands that the Examiner has access to sophisticated online Patent Office computing systems that provide ready access to the full file histories of these matters including, for example, specifications, drawings, pending claims, cited art, office actions, responses, declarations, and notices of allowance.

Rather than submit copies these file histories, Applicant respectfully requests that the Examiner continue to review these file histories online for past, current, and future information about these matters.

Also, if the Examiner cannot readily access these file histories, the Applicant would be pleased to provide any portion of any of the file histories at any time upon specific Examiner request.

INFORMATION DISCLOSURE STATEMENT

Submitted concurrently herewith is an Information Disclosure Statement citing new references. Applicant respectfully requests the Examiner to consider the pending claims in connection with these references in order to make the references of record.

NO DISCLAIMERS OR DISAVOWALS

Although the present communication may include alterations to the application or claims, or characterizations of claim scope or referenced art, Applicant is not conceding in this application that previously pending claims are not patentable over the cited references. Rather, any alterations or characterizations are being made to facilitate expeditious prosecution of this application.

Applicant reserves the right to pursue at a later date any previously pending or other broader or narrower claims that capture any subject matter supported by the present disclosure, including subject matter found to be specifically disclaimed herein or by any prior prosecution.

Application No.: 13/316,203
Filing Date: December 9, 2011

Accordingly, reviewers of this or any parent, child or related prosecution history shall not reasonably infer that Applicant has made any disclaimers or disavowals of any subject matter supported by the present application.

CONCLUSION

Applicants have endeavored to address all of the Examiner's concerns as expressed in the outstanding Office Action.

In light of the above remarks, reconsideration and withdrawal of the outstanding rejections is specifically requested. Also, please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 7-16-2012

By: John R. King
John R. King
Registration No. 34,362
Attorney of Record
Customer No. 20,995
(949) 760-0404

13610003:ad
071212

Electronic Patent Application Fee Transmittal

Application Number:	13316203			
Filing Date:	09-Dec-2011			
Title of Invention:	METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES			
First Named Inventor/Applicant Name:	Michael E. Shanahan			
Filer:	John R. King/Amy Durrant			
Attorney Docket Number:	PREMM.001A2C8			
Filed as Small Entity				
Utility under 35 USC 111(a) Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Submission- Information Disclosure Stmt	1806	1	180	180
Statutory or terminal disclaimer	2814	1	80	80
Total in USD (\$)				260

Electronic Acknowledgement Receipt

EFS ID:	13259341
Application Number:	13316203
International Application Number:	
Confirmation Number:	1697
Title of Invention:	METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES
First Named Inventor/Applicant Name:	Michael E. Shanahan
Customer Number:	20995
Filer:	John R. King/Daniela Lopez
Filer Authorized By:	John R. King
Attorney Docket Number:	PREMM.001A2C8
Receipt Date:	16-JUL-2012
Filing Date:	09-DEC-2011
Time Stamp:	16:32:15
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$260
RAM confirmation Number	3609
Deposit Account	111410
Authorized User	KNOBBE MARTENS OLSON AND BEAR

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Patent application and reexamination processing fees)

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Terminal Disclaimer Filed	PREMM-001A2C8_termdisc.pdf	88816 2e7105e286b638b11e184e36b9e489a5f94da0b3	no	2
Warnings:					
Information:					
2		PREMM-001A2C8_ids.pdf	79308 86f5fdaa6b728e99e05a31618623766b2a69415a	yes	2
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Transmittal Letter		1	1	
	Information Disclosure Statement (IDS) Form (SB08)		2	2	
Warnings:					
Information:					
3	Power of Attorney	PREMM-001A2C8_poa.pdf	48943 d4ed8f7122622d024040a5b2a1d24c7f00672258	no	1
Warnings:					
Information:					
4	Assignee showing of ownership per 37 CFR 3.73(b).	PREMM-001A2C8_stmnt373.pdf	63136 3393a64e220c5d7e0e8ec58641263e1fe3686a9f	no	2
Warnings:					
Information:					
5		PREMM-001A2C8_response.pdf	334365 e12e8a21795d9d82d16fe96437443720f38d4ab3	yes	8
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Amendment After Final		1	1	
	Claims		2	4	
Applicant Arguments/Remarks Made in an Amendment		5	8		
Warnings:					
Information:					

6	Fee Worksheet (SB06)	fee-info.pdf	31863	no	2
			62e0fc89064065313115a562fb3e695ae486cb23		

Warnings:

Information:

Total Files Size (in bytes):	646431
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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.

**REVOCATION & GENERAL POWER OF ATTORNEY
and
CHANGE IN CORRESPONDENCE ADDRESS**

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

Dear Sir:

The undersigned is an empowered representative of the Assignee and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, **Customer No. 20,995**, as attorneys and agents to represent the Assignee before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned to the Assignee according to the USPTO assignment records or assignment documents supplied with an accompanying Statement Under 37 CFR § 3.73(b). This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 CFR § 3.71.

Submission of this paper in connection with any matter of the below named assignee, together with a statement under 37 CFR 3.73(b), shall serve to revoke any previous powers of attorney in that matter.

Attached is a Statement Under 37 CFR § 3.73(b), signed by a registrant of Knobbe, Martens, Olson & Bear, LLP, setting forth a full chain of title for the subject application owned by the Assignee named below.

Please recognize or change the correspondence address for the application identified in the attached Statement to **Customer No. 20,995**.

By:  _____ Date: July 10, 2012
Name: Joshua Ebright _____ Title: General Manager

Assignee Solocron Media, LLC

Address: 625 Chase Drive, Suite 200
Tyler, Texas 75701

STATEMENT UNDER 37 CFR § 3.73(b)
ESTABLISHMENT OF ASSIGNEE

Applicant	:	Michael E. Shanahan
App. No.	:	13/316,203
Filed	:	December 9, 2011
For	:	METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES
Examiner	:	Temica M. Beamer
Group Art Unit	:	2617

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

Dear Sir:

This document is being filed with a copy of a Power of Attorney signed by the Assignee. This Statement sets forth the chain of title of the above-identified application.

Solocron Media, LLC, a limited liability company, is the Assignee of the entire right, title, and interest of the above-referenced application by virtue of:

A chain of title, in reverse order, from the inventor(s) to the current Assignee as shown by the following recorded assignments:

1. Assignment from Premorphic Mobile, LLC to Solocron Media, LLC recorded in the United States Patent and Trademark Office on March 14, 2012, at Reel 027865, and Frame 0245.
2. Assignment from Premorphic Mobile, LP to Premorphic Mobile, LLC recorded in the United States Patent and Trademark Office on March 14, 2012, at Reel 027865, and Frame 0115.
3. Assignment from Premorphic Research, Inc. to Premorphic Mobile, LP recorded in the United States Patent and Trademark Office on March 25, 2011, at Reel 026022, and Frame 0633.
4. Assignment from Twenty Year Innovations, Inc. to Premorphic Research, Inc. recorded in the United States Patent and Trademark Office on March 18, 2011, at Reel 025982, and Frame 0819.
5. Assignment from Michael E. Shanahan to Twenty Year Innovations, Inc. recorded in the United States Patent and Trademark Office on March 9, 2012, at Reel 025923, and Frame 0977.

Appl. No. : 13/316,203
Filed : December 9, 2011

Docket No. PREMM.001A2C8
Customer No. 20,995

The undersigned is an agent of Customer Number 20,995 and is authorized to act on behalf of the Assignee. Please recognize or change the correspondence address for the above-identified application to **Customer No. 20,995**.

Respectfully submitted,
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 7-16-2012

By: John R. King
John R. King
Registration No. 34,362
Attorney of Record
Customer No. 20,995
(949) 760-0404

13610366:ad
071212

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	13/316203
	Filing Date	12-09-2011
	First Named Inventor	Shanahan, Michael E.
	Art Unit	2617
<i>(Multiple sheets used when necessary)</i>	Examiner	Beamer, Temica M.
SHEET 1 OF 1	Attorney Docket No.	PREMM.001A2C8

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number <i>Number - Kind Code (if known)</i> Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	8,170,538	05-01-2012	Shanahan, Michael	
	2	13/459927	04-30-2012	Shanahan, Michael	
	3	13/471161	05-14-2012	Shanahan, Michael	
	4	2012/0084395	04-05-2012	Michael E. Shanahan	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document <i>Country Code-Number-Kind Code</i> Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ¹

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹

13615674:ad
071312

Examiner Signature	Date Considered
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***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.

T¹ - Place a check mark in this area when an English language translation is attached.

TERMINAL DISCLAIMER UNDER 37 CFR § 1.321

Applicant	:	Michael E. Shanahan
App. No.	:	13/316,203
Filed	:	December 9, 2011
For	:	METHODS AND APPARATUSES FOR PROGRAMMING USER- DEFINED INFORMATION INTO ELECTRONIC DEVICES
Examiner	:	Beamer, Temica M.
Art Unit	:	2617
Conf No.	:	1697

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

Disclaimer by Assignee

The assignee of the above-identified application, SoloCron Media, LLC ("Assignee"), hereby disclaims the terminal part of the term of any patent granted on the above-identified application that would extend beyond the earliest expiration date of the full statutory term of any patents listed below and any patents issuing from any patent application listed below:

- U.S. Patent 7,555,317
- U.S. Patent 7,149,509

(Above list hereinafter referred to as the "Listed Properties").

Assignee hereby agrees that any patent granted on the above-identified application shall be enforceable only for and during the period that such patent is commonly owned with any patents in the Listed Properties or any patents issuing from any patent application in the Listed Properties. This agreement extends to any patent granted on the above-identified application and shall be binding on Assignee, its successors, or assigns.

Assignee does not disclaim the terminal part of any patent granted on the above-identified application that would not extend beyond the expiration date of the full statutory term of any patent(s) issuing from the Listed Properties. Accordingly, if the actual term of any patent(s) issuing from the Listed Properties is shortened to anything less than the full statutory term - for example, if one of these patents: expires for failure to pay a maintenance fee; is held unenforceable; is found invalid; is statutorily disclaimed in whole; is terminally disclaimed under 37 CFR § 1.321(a); has all claims canceled by a reexamination certificate; etc. - Assignee does not hereby disclaim the portion of the term of any patent issuing from the above-captioned application that corresponds to that shortened period.

Right of Assignee and Ownership

In accordance with 37 CFR § 3.73(b), Assignee represents that it is the owner of a 100 percent interest in the above-identified application and the commonly owned Listed Properties. The Assignee represents that, to the best of Assignee's knowledge and belief, title is in the Assignee seeking to take action.

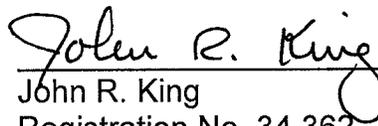
Empowerment of Attorney

Pursuant to 37 CFR § 1.321(a) the undersigned attorney of record is empowered to act on behalf of the Assignee by virtue of a Power of Attorney.

This Terminal Disclaimer is accompanied by the \$80 fee set forth in 37 CFR § 1.20(d). The Commissioner is hereby authorized to charge any deficient fee to Deposit Account No. 11-1410.

Respectfully submitted,
KNOBBE, MARTENS, OLSON & BEAR LLP

Date: 7-16-2012



John R. King
Registration No. 34,362
Attorney of Record
Customer No. 20,995
(949) 760-0404

INFORMATION DISCLOSURE STATEMENT

Applicant : Michael E. Shanahan
App. No. : 13/316,203
Filed : December 9, 2011
For : METHODS AND APPARATUSES FOR
PROGRAMMING USER-DEFINED INFORMATION
INTO ELECTRONIC DEVICES
Examiner : Beamer, Temica M.
Art Unit : 2617
Conf. No. : 1697

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

References and Listing

Submitted herewith in the above-identified application is an Information Disclosure Statement listing references for consideration.

Timing of Disclosure

This Information Disclosure Statement is being filed after the mailing date of a final action or after the mailing date of a Notice of Allowance. Please place these references in the file in accordance with 37 CFR 1.97(i).

Respectfully submitted,
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 7-16-2012

By: John R. King
John R. King
Registration No. 34,362
Attorney of Record
Customer No. 20,995
(949) 760-0404

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.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 13/316,203	Filing Date 12/09/2011	<input type="checkbox"/> To be Mailed
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APPLICATION AS FILED – PART I			OTHER THAN SMALL ENTITY				
	(Column 1)	(Column 2)	SMALL ENTITY <input checked="" type="checkbox"/>	OR			
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)	OR	RATE (\$)	FEE (\$)
<input type="checkbox"/> BASIC FEE <small>(37 CFR 1.16(a), (b), or (c))</small>	N/A	N/A	N/A		OR	N/A	
<input type="checkbox"/> SEARCH FEE <small>(37 CFR 1.16(k), (j), or (m))</small>	N/A	N/A	N/A		OR	N/A	
<input type="checkbox"/> EXAMINATION FEE <small>(37 CFR 1.16(o), (p), or (q))</small>	N/A	N/A	N/A		OR	N/A	
TOTAL CLAIMS <small>(37 CFR 1.16(j))</small>	minus 20 =	*	X \$ =		OR	X \$ =	
INDEPENDENT CLAIMS <small>(37 CFR 1.16(h))</small>	minus 3 =	*	X \$ =		OR	X \$ =	
<input type="checkbox"/> APPLICATION SIZE FEE <small>(37 CFR 1.16(s))</small>	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 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).				OR		
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT <small>(37 CFR 1.16(j))</small>					OR		
			TOTAL		OR	TOTAL	

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

APPLICATION AS AMENDED – PART II					OTHER THAN SMALL ENTITY				
	(Column 1)	(Column 2)	(Column 3)						
AMENDMENT	07/16/2012	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR	RATE (\$)	ADDITIONAL FEE (\$)
	Total <small>(37 CFR 1.16(i))</small>	* 18	Minus ** 20	= 0	X \$30 =	0	OR	X \$ =	
	Independent <small>(37 CFR 1.16(h))</small>	* 2	Minus *** 3	= 0	X \$125 =	0	OR	X \$ =	
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>						OR		
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						OR		
					TOTAL ADD'L FEE	0	OR	TOTAL ADD'L FEE	

	(Column 1)	(Column 2)	(Column 3)						
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR	RATE (\$)	ADDITIONAL FEE (\$)
	Total <small>(37 CFR 1.16(i))</small>	*	Minus **	=	X \$ =		OR	X \$ =	
	Independent <small>(37 CFR 1.16(h))</small>	*	Minus ***	=	X \$ =		OR	X \$ =	
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>						OR		
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						OR		
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

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

Legal Instrument Examiner:
/DELEACHES YOUNG/

This collection of information is required by 37 CFR 1.16. 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, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



UNITED STATES PATENT AND TRADEMARK OFFICE

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

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO. Includes application details for Michael E. Shanahan and examiner information for BEAMER, TEMICA M.

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

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

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

- eOAPilot@kmob.com
jayna.cartee@knobbe.com
efiling@knobbe.com

DETAILED ACTION

Terminal Disclaimer

1. An attorney or agent, not of record, is not authorized to sign a terminal disclaimer in the capacity as an attorney or agent acting in a representative capacity as provided by 37 CFR 1.34 (a). See 37 CFR 1.321(b) and/or (c). The person who signed the terminal disclaimer does not have power of attorney, and thus, is not of record. (See FP 14.29.01 ,)

To remedy the deficiency, the attorney can file a POA that is properly signed along with another copy of the TD signed by him, a TD signed by the assignee of the entire interest (with a proper 37 CFR 3.73(b) if there isn't one in the file), or a TD signed by all of the inventors. No new TD fee would be due.

Double Patenting

2. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140

Art Unit: 2617

F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); In re Goodman, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); In re Longi, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); In re Van Ornum, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); In re Vogel, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and In re Thorington, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

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

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

3. Claims 1-18 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1-94 of U.S. Patent No. 7,555,317. Although the conflicting claims are not identical, they are not patentably distinct from each other because both inventions are drawn to a method for providing an audio file to a communication device.

4. Claims 1-18 rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1-81 of U.S. Patent No. 7,149,509. Although the conflicting claims are not identical, they are not patentably distinct from

Art Unit: 2617

each other because both inventions are drawn to a method for providing an audio file to a communication device.

Conclusion

5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to TEMICA M. BEAMER whose telephone number is (571)272-7797. The examiner can normally be reached on Monday-Thursday (alternate Fridays) 9:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lester Kincaid can be reached on (571) 272-7922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2617

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/TEMICA M. BEAMER/
Primary Examiner, Art Unit 2617

Search Notes 	Application/Control No. 13316203	Applicant(s)/Patent Under Reexamination SHANAHAN, MICHAEL E.
	Examiner TEMICA M BEAMER	Art Unit 2617

SEARCHED			
Class	Subclass	Date	Examiner
455	418, 415, 419, 414.1, 566, 557, 567	1/30/2012	TMB
	updated search	5/13/2012	TMB

SEARCH NOTES			
Search Notes	Date	Examiner	
WEST	1/30/2012	TMB	
WEST	5/13/2012	TMB	

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner

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<i>Index of Claims</i> 	Application/Control No. 13316203	Applicant(s)/Patent Under Reexamination SHANAHAN, MICHAEL E.
	Examiner TEMICA M BEAMER	Art Unit 2617

✓	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

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

CLAIM		DATE							
Final	Original	01/30/2012	05/13/2012						
	1	✓	✓						
	2	✓	✓						
	3	✓	✓						
	4	✓	✓						
	5	✓	✓						
	6	✓	✓						
	7	✓	✓						
	8	✓	✓						
	9	✓	✓						
	10	✓	✓						
	11	✓	✓						
	12	✓	✓						
	13	✓	✓						
	14	✓	✓						
	15	✓	✓						
	16	✓	✓						
	17	✓	✓						
	18	✓	✓						

Application Number 	Application/Control No. 13/316,203	Applicant(s)/Patent under Reexamination SHANAHAN, MICHAEL E.

Document Code - DISQ	Internal Document – DO NOT MAIL
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TERMINAL DISCLAIMER	<input type="checkbox"/> APPROVED	<input checked="" type="checkbox"/> DISAPPROVED
Date Filed : 5/4/12	This patent is subject to a Terminal Disclaimer	

Approved/Disapproved by:

Felicia D. Roberts

The person who signed the terminal disclaimer does not have power of attorney, and thus, is not of record. (See FP 14.29.01,)

To remedy the deficiency, the attorney can file a POA that is properly signed along with another copy of the TD signed by him, a TD signed by the assignee of the entire interest (with a proper 37 CFR 3.73(b) if there isn't one in the file), or a TD signed by all of the inventors. No new TD fee would be due.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Michael E. Shanahan
App. No. : 13/316,203
Filed : December 9, 2011
For : METHODS AND APPARATUSES
FOR PROGRAMMING USER-
DEFINED INFORMATION INTO
ELECTRONIC DEVICES
Examiner : Temica M. Beamer
Art Unit : 2617
Conf No. : 1697

RESPONSE TO FEBRUARY 7, 2012 OFFICE ACTION

Mail Stop Amendment

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

Dear Sir:

In response to the Office Action mailed February 7, 2012, Applicant respectfully submits the following amendments and comments.

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

Remarks/Arguments begin on page 3 of this paper.

Application No.: 13/316,203
Filing Date: December 9, 2011

AMENDMENTS TO THE CLAIMS

No amendments have been made to the pending claims in this response.

Application No.: 13/316,203
Filing Date: December 9, 2011

REMARKS

The February 7 2012 Office Action was based upon pending Claims 1-18. Because no amendments are being made to the pending claims, after entry of this Response, Claims 1-18 are pending and presented for further consideration.

DOUBLE PATENTING

In the February 7 2012 Office Action, Claims 1-18 were rejected on the grounds of non-statutory obviousness-type double patenting as being unpatentable over: Claims 1-94 of U.S. Patent No. 7,555,317 and Claims 1-81 of U.S. Patent No. 7,149,317.

In response, Applicant submits herewith a Terminal Disclaimer in compliance with 37 C.F.R. §1.321(b) and (c). Accordingly, Applicant respectfully requests that the obviousness-type double patenting rejection be withdrawn.

OTHER APPLICATIONS OF ASSIGNEE

Applicant wishes to draw the Examiner's attention to the following applications owned by of the present application's assignee:

Inventors	Appl. No.	Filing Date	Attorney Docket No.	Title
Shanahan	60/169,158 Now Expired	12/06/99	N/A	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	09/518,712 Now Pat. 6,496,692	03/03/00	PREMM.001A1	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	09/518,846 Now Abandoned	03/03/00	N/A	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	10/223,200 Now Pat. 7,257,395	08/16/02	PREMM.001A1C1	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	10/600,975 Now Pat. 7,149,509	06/20/03	PREMM.001A2C1	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices

Application No.: 13/316,203

Filing Date: December 9, 2011

Inventors	Appl. No.	Filing Date	Attorney Docket No.	Title
Shanahan	10/603,271 Now Pat. 7,295,864	06/24/03	PREMM.001A2C2	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	10/603,285 Now Pat. 7,620,427	06/24/03	PREMM.001A2C3	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	10/915,862 Now Pat. 7,289,798	08/11/04	PREMM.001A1C2	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	10/915,866 Now Pat. 7,319,866	08/11/04	PREMM.001A1C3	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	11/633,122 Now Pat. 7,742,759	12/02/06	PREMM.001A2C4	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	11/633,135 Published 2008/0182619	12/02/06	PREMM.001A1C4	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	11/633,142 Now Pat. 7,555,317	12/02/06	PREMM.001A2C7	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	12/128,991 Published 2008/0287115	05/29/08	PREMM.001A2C5	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	12/335,300 Published 2009/0131105	12/15/08	PREMM.001A2C6	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	13/316,203	12/09/11	PREMM.001A2C8	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	13/459,927	04/30/12	PREMM.001A2C9	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices

Application No.: 13/316,203
Filing Date: December 9, 2011

Applicant notes that cited references, office actions, responses and notices of allowance currently exist or will exist for the above-referenced matters. Applicant also understands that the Examiner has access to sophisticated online Patent Office computing systems that provide ready access to the full file histories of these matters including, for example, specifications, drawings, pending claims, cited art, office actions, responses, declarations, and notices of allowance.

Rather than submit copies these file histories, Applicant respectfully requests that the Examiner continue to review these file histories online for past, current, and future information about these matters.

Also, if the Examiner cannot readily access these file histories, the Applicant would be pleased to provide any portion of any of the file histories at any time upon specific Examiner request.

NO DISCLAIMERS OR DISAVOWALS

Although the present communication may include alterations to the application or claims, or characterizations of claim scope or referenced art, Applicant is not conceding in this application that previously pending claims are not patentable over the cited references. Rather, any alterations or characterizations are being made to facilitate expeditious prosecution of this application.

Applicant reserves the right to pursue at a later date any previously pending or other broader or narrower claims that capture any subject matter supported by the present disclosure, including subject matter found to be specifically disclaimed herein or by any prior prosecution.

Accordingly, reviewers of this or any parent, child or related prosecution history shall not reasonably infer that Applicant has made any disclaimers or disavowals of any subject matter supported by the present application.

CONCLUSION

Applicants have endeavored to address all of the Examiner's concerns as expressed in the outstanding Office Action.

Application No.: 13/316,203
Filing Date: December 9, 2011

In light of the above remarks, reconsideration and withdrawal of the outstanding rejections is specifically requested. Also, please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 5-4-2012

By: John R. King
John R. King
Registration No. 34,362
Attorney of Record
Customer No. 20,995
(949) 760-0404

13222349:ad
050312

TERMINAL DISCLAIMER UNDER 37 CFR § 1.321

Applicant	:	Michael E. Shanahan
App. No.	:	13/316,203
Filed	:	December 9, 2011
For	:	METHODS AND APPARATUSES FOR PROGRAMMING USER- DEFINED INFORMATION INTO ELECTRONIC DEVICES
Examiner	:	Beamer, Temica M.
Art Unit	:	2617
Conf No.	:	1697

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

Disclaimer by Assignee

The assignee of the above-identified application, SoloCron Media, LLC ("Assignee"), hereby disclaims the terminal part of the term of any patent granted on the above-identified application that would extend beyond the earliest expiration date of the full statutory term of any patents listed below and any patents issuing from any patent application listed below:

- U.S. Patent 7,555,317
- U.S. Patent 7,149,509

(Above list hereinafter referred to as the "Listed Properties").

Assignee hereby agrees that any patent granted on the above-identified application shall be enforceable only for and during the period that such patent is commonly owned with any patents in the Listed Properties or any patents issuing from any patent application in the Listed Properties. This agreement extends to any patent granted on the above-identified application and shall be binding on Assignee, its successors, or assigns.

Please Direct All Correspondence to Customer Number 20,995

Assignee does not disclaim the terminal part of any patent granted on the above-identified application that would not extend beyond the expiration date of the full statutory term of any patent(s) issuing from the Listed Properties. Accordingly, if the actual term of any patent(s) issuing from the Listed Properties is shortened to anything less than the full statutory term - for example, if one of these patents: expires for failure to pay a maintenance fee; is held unenforceable; is found invalid; is statutorily disclaimed in whole; is terminally disclaimed under 37 CFR § 1.321(a); has all claims canceled by a reexamination certificate; etc. - Assignee does not hereby disclaim the portion of the term of any patent issuing from the above-captioned application that corresponds to that shortened period.

Right of Assignee and Ownership

In accordance with 37 CFR § 3.73(b), Assignee represents that it is the owner of a 100 percent interest in the above-identified application and the commonly owned Listed Properties. The Assignee represents that, to the best of Assignee's knowledge and belief, title is in the Assignee seeking to take action.

Empowerment of Attorney

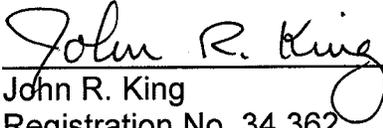
Pursuant to 37 CFR § 1.321(a) the undersigned attorney of record is empowered to act on behalf of the Assignee by virtue of a Power of Attorney.

This Terminal Disclaimer is accompanied by the \$80 fee set forth in 37 CFR § 1.20(d). The Commissioner is hereby authorized to charge any deficient fee to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR LLP

Date: 5-4-2012



John R. King
Registration No. 34,362
Attorney of Record
Customer No. 20,995
(949) 760-0404

Electronic Patent Application Fee Transmittal

Application Number:	13316203			
Filing Date:	09-Dec-2011			
Title of Invention:	METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES			
First Named Inventor/Applicant Name:	Michael E. Shanahan			
Filer:	John R. King/Amy Durrant			
Attorney Docket Number:	PREMM.001A2C8			
Filed as Small Entity				
Utility under 35 USC 111(a) Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Statutory or terminal disclaimer	2814	1	80	80
Total in USD (\$)				80

Electronic Acknowledgement Receipt

EFS ID:	12709987
Application Number:	13316203
International Application Number:	
Confirmation Number:	1697
Title of Invention:	METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES
First Named Inventor/Applicant Name:	Michael E. Shanahan
Customer Number:	20995
Filer:	John R. King/Sandra Autry
Filer Authorized By:	John R. King
Attorney Docket Number:	PREMM.001A2C8
Receipt Date:	04-MAY-2012
Filing Date:	09-DEC-2011
Time Stamp:	19:09:24
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$80
RAM confirmation Number	5481
Deposit Account	111410
Authorized User	KNOBBE MARTENS OLSON AND BEAR

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.51 (Patent application and reexamination processing fees)

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		PREMM-001A2C8_response.pdf	203468 c81313c87d00816586f722c1f4ebc5bb746354e2	yes	6
Multipart Description/PDF files in .zip description					
		Document Description	Start	End	
		Amendment/Req. Reconsideration-After Non-Final Reject	1	1	
		Claims	2	2	
		Applicant Arguments/Remarks Made in an Amendment	3	6	
Warnings:					
Information:					
2	Terminal Disclaimer Filed	PREMM-001A2C8_termdisc.pdf	88920 6f0618ca4264b906a3e4855e8b337e4d9037c0c	no	2
Warnings:					
Information:					
3	Fee Worksheet (SB06)	fee-info.pdf	30172 2e9cccb88f7c60c36d38c5c3a43fcc71ad7537e0	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			322560		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					



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www.uspto.gov

Table with 4 columns: APPLICATION NUMBER (13/316,203), FILING OR 371(C) DATE (12/09/2011), FIRST NAMED APPLICANT (Michael E. Shanahan), ATTY. DOCKET NO./TITLE (PREMM.001A2C8)

CONFIRMATION NO. 1697

PUBLICATION NOTICE

20995
KNOBBE MARTENS OLSON & BEAR LLP
2040 MAIN STREET
FOURTEENTH FLOOR
IRVINE, CA 92614



Title:METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES

Publication No.US-2012-0084395-A1

Publication Date:04/05/2012

NOTICE OF PUBLICATION OF APPLICATION

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.

The publication may be accessed through the USPTO's publically available Searchable Databases via the Internet at www.uspto.gov. The direct link to access the publication is currently http://www.uspto.gov/patft/.

The publication process established by the Office does not provide for mailing a copy of the publication to applicant. A copy of the publication may be obtained from the Office upon payment of the appropriate fee set forth in 37 CFR 1.19(a)(1). Orders for copies of patent application publications are handled by the USPTO's Office of Public Records. The Office of Public Records can be reached by telephone at (703) 308-9726 or (800) 972-6382, by facsimile at (703) 305-8759, by mail addressed to the United States Patent and Trademark Office, Office of Public Records, Alexandria, VA 22313-1450 or via the Internet.

In addition, information on the status of the application, including the mailing date of Office actions and the dates of receipt of correspondence filed in the Office, may also be accessed via the Internet through the Patent Electronic Business Center at www.uspto.gov using the public side of the Patent Application Information and Retrieval (PAIR) system. The direct link to access this status information is currently http://pair.uspto.gov/. Prior to publication, such status information is confidential and may only be obtained by applicant using the private side of PAIR.

Further assistance in electronically accessing the publication, or about PAIR, is available by calling the Patent Electronic Business Center at 1-866-217-9197.

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101



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Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO. Includes application details for Michael E. Shanahan and examiner information for BEAMER, TEMICA M.

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

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

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

- jcartee@kmob.com
efiling@kmob.com
eOAPilot@kmob.com

Office Action Summary	Application No. 13/316,203	Applicant(s) SHANAHAN, MICHAEL E.	
	Examiner TEMICA M. BEAMER	Art Unit 2617	

-- 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 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

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

Status

- 1) Responsive to communication(s) filed on 09 December 2011.
- 2a) This action is **FINAL**.
- 2b) This action is non-final.
- 3) An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
- 4) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 5) Claim(s) 1-18 is/are pending in the application.
- 5a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 6) Claim(s) _____ is/are allowed.
- 7) Claim(s) 1-18 is/are rejected.
- 8) Claim(s) _____ is/are objected to.
- 9) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 10) The specification is objected to by the Examiner.
- 11) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 12) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) All b) Some * c) None of:
1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. _____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

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

Attachment(s)

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) Interview Summary (PTO-413)
Paper No(s)/Mail Date _____.
- 5) Notice of Informal Patent Application
- 6) Other: _____.

DETAILED ACTION

Double Patenting

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

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

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

2. Claims 1-18 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1-94 of U.S. Patent No. 7,555,317.

Although the conflicting claims are not identical, they are not patentably distinct from each other because both inventions are drawn to a method for providing an audio file to a communication device.

3. Claims 1-18 rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1-81 of U.S. Patent No. 7,149,509.

Although the conflicting claims are not identical, they are not patentably distinct from each other because both inventions are drawn to a method for providing an audio file to a communication device.

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to TEMICA M. BEAMER whose telephone number is (571)272-7797. The examiner can normally be reached on Monday-Thursday (alternate Fridays) 9:00am-5:00pm.

Art Unit: 2617

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lester Kincaid can be reached on (571) 272-7922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/TEMICA M. BEAMER/
Primary Examiner, Art Unit 2617

Index of Claims 	Application/Control No. 13316203	Applicant(s)/Patent Under Reexamination SHANAHAN, MICHAEL E.
	Examiner TEMICA M BEAMER	Art Unit 2617

✓	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

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

CLAIM		DATE							
Final	Original	01/30/2012							
	1	✓							
	2	✓							
	3	✓							
	4	✓							
	5	✓							
	6	✓							
	7	✓							
	8	✓							
	9	✓							
	10	✓							
	11	✓							
	12	✓							
	13	✓							
	14	✓							
	15	✓							
	16	✓							
	17	✓							
	18	✓							


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BIB DATA SHEET
CONFIRMATION NO. 1697

SERIAL NUMBER	FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
13/316,203	12/09/2011	455	2617	PREMM.001A2C8
APPLICANTS				
Michael E. Shanahan, Nyack, NY;				
** CONTINUING DATA *****				
This application is a CON of 12/128,991 05/29/2008 which is a CON of 11/633,142 12/02/2006 PAT 7,555,317 which is a CON of 10/600,975 06/20/2003 PAT 7,149,509 which is a CON of 09/518,846 03/03/2000 ABN which claims benefit of 60/169,158 12/06/1999				
** FOREIGN APPLICATIONS *****				
** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY **				
12/23/2011				
Foreign Priority claimed 35 USC 119(a-d) conditions met Verified and Acknowledged	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No /TEMICA M BEAMER/ Examiner's Signature	<input type="checkbox"/> Met after Allowance Initials	STATE OR COUNTRY NY	SHEETS DRAWINGS 13
			TOTAL CLAIMS 18	INDEPENDENT CLAIMS 2
ADDRESS				
KNOBBE MARTENS OLSON & BEAR LLP 2040 MAIN STREET FOURTEENTH FLOOR IRVINE, CA 92614 UNITED STATES				
TITLE				
METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES				
FILING FEE RECEIVED 530	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	13/316203
	Filing Date	12-09-2011
	First Named Inventor	Shanahan, Michael E.
	Art Unit	
<i>(Multiple sheets used when necessary)</i>		Examiner
SHEET 1 OF 9		Attorney Docket No. PREMM.001A2C8

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	4,866,766	09-12-1989	Mitzlaff	
	2	4,868,561	09-19-1989	Davis	
	3	5,220,420	06-15-1993	Hoarty, et al.	
	4	5,247,347	09-21-1993	Litteral et al.	
	5	5,253,275	10-12-1993	Yurt et al.	
	6	5,262,275	11-1993	Fan	
	7	5,262,875	11-16-1993	Mincer, et al.	
	8	5,341,474	08-23-1994	Gelman, et al.	
	9	5,414,444	05-09-1995	Britz	
	10	5,414,751	05-09-1995	Yamada	
	11	5,428,606	06-27-1995	Moskowitz	
	12	5,440,336	08-08-1995	Buhro et al.	
	13	5,442,749	08-15-1995	Northcutt, et al.	
	14	5,452,354	09-19-1995	Kyronlahti, et al.	
	15	5,461,666	10-24-1995	McMahan, et al.	
	16	5,479,477	12-1995	McVey et al.	
	17	5,479,510	12-26-1995	Olsen, et al.	
	18	5,481,599	01-02-1996	MacAllister, et al.	
	19	5,483,580	01-09-1996	Brandman, et al.	
	20	5,483,581	01-09-1996	Hird, et al.	
	21	5,485,370	01-16-1996	Moss, et al.	
	22	5,486,686	01-23-1996	Zdybel, Jr., et al.	
	23	5,487,671	01-30-1996	Shapiro, et al.	
	24	5,490,210	02-06-1996	Sasso	
	25	5,490,251	02-06-1996	Clark, et al.	
	26	5,499,288	03-12-1996	Hunt, et al.	
	27	5,508,733	04-16-1996	Kassatly	
	28	5,510,777	04-23-1996	Pilc, et al.	
	29	5,513,272	04-30-1996	Bogosian, Jr.	

Examiner Signature	/Temica Beamer/	Date Considered	01/30/2012
<p>*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.</p>			

T¹ - Place a check mark in this area when an English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.B./

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	13/316203
	Filing Date	12-09-2011
	First Named Inventor	Shanahan, Michael E.
	Art Unit	
<i>(Multiple sheets used when necessary)</i>		Examiner
SHEET 2 OF 9		Attorney Docket No. PREMM.001A2C8

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	30	5,517,605	05-14-1996	WOLF, RICHARD	
	31	5,524,141	06-04-1996	Braun, et al.	
	32	5,526,620	06-18-1996	Hallsten	
	33	5,528,281	06-18-1996	Grady, et al.	
	34	5,530,852	06-25-1996	Meske, Jr., et al.	
	35	5,533,115	07-02-1996	Hollenbach, et al.	
	36	5,534,855	07-09-1996	Shockley, et al.	
	37	5,537,586	07-16-1996	Amram, et al.	
	38	5,541,917	07-30-1996	Farris	
	39	5,542,046	07-30-1996	Carlson, et al.	
	40	5,544,255	08-06-1996	Smithies et al.	
	41	5,544,322	08-06-1996	Cheng, et al.	
	42	5,548,726	08-20-1996	Pettus	
	43	5,550,557	08-1996	Kapoor et al.	
	44	5,550,577	08-27-1996	Verbiest, et al.	
	45	5,550,578	08-27-1996	Hoarty, et al.	
	46	5,550,863	08-27-1996	Yurt et al.	
	47	5,550,976	08-27-1996	Henderson, Kenneth R., et al.	
	48	5,551,021	08-27-1996	Harada, et al.	
	49	5,553,311	09-03-1996	McLaughlin, et al.	
	50	5,557,675	09-17-1996	Schupak	
	51	5,561,688	10-01-1996	Jones, Jr.	
	52	5,563,649	10-08-1996	Gould, et al.	
	53	5,566,353	10-15-1996	Cho, et al.	
	54	5,568,181	10-22-1996	Greenwood, et al.	
	55	5,570,126	10-29-1996	Blahut, et al.	
	56	5,572,571	11-05-1996	Shirai	
	57	5,577,190	11-19-1996	Peters	
	58	5,583,763	12-10-1996	Atcheson et al.	

Examiner Signature	/Temica Beamer/	Date Considered	01/30/2012
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	13/316203
	Filing Date	12-09-2011
	First Named Inventor	Shanahan, Michael E.
	Art Unit	
<i>(Multiple sheets used when necessary)</i>		Examiner
SHEET 3 OF 9		Attorney Docket No. PREMM.001A2C8

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	59	5,598,461	01-28-1997	Greenberg	
	60	5,600,712	02-04-1997	Hanson, et al.	
	61	5,606,597	02-25-1997	Newland	
	62	5,608,786	03-04-1997	Gordon	
	63	5,612,682	03-18-1997	DeLuca, et al.	
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	67	5,619,247	04-08-1997	Russo	
	68	5,623,531	04-22-1997	Nilssen	
	69	5,625,404	04-29-1997	Grady, et al.	
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	71	5,644,354	07-01-1997	Thompson, et al.	
	72	5,661,802	08-26-1997	Nilssen	
	73	5,675,738	10-07-1997	Suzuki, et al.	
	74	5,677,905	10-14-1997	Bigham, et al.	
	75	5,680,325	10-21-1997	Rohner	
	76	5,687,227	11-11-1997	Cohrs, et al.	
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	79	5,724,411	03-03-1998	Eisdorfer, et al.	
	80	5,727,047	03-10-1998	Bentley, et al.	
	81	5,732,216	03-24-1998	Logan, et al.	
	82	5,790,423	08-04-1998	Lau, Edwin et al.	
	83	5,793,413	08-11-1998	Hylton, et al.	
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	87	5,828,956	10-27-1998	Shira	

Examiner Signature	/Temica Beamer/	Date Considered	01/30/2012
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	First Named Inventor	Shanahan, Michael E.
	Art Unit	
<i>(Multiple sheets used when necessary)</i>		Examiner
SHEET 4 OF 9		Attorney Docket No. PREMM.001A2C8

U.S. PATENT DOCUMENTS					
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	88	5,835,495	11-10-1998	Ferriere	
	89	5,842,124	11-24-1998	Kenagy, et al.	
	90	5,870,683	02-09-1999	Weils, et al.	
	91	5,880,770	03-09-1999	licisin, et al.	
	92	5,884,262	03-16-1999	Wise, et al.	
	93	5,907,604	05-25-1999	Hsu	
	94	5,915,001	06-22-1999	Uppaluru	
	95	5,926,624	07-20-1999	Katz et al.	
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	97	5,930,703	07-27-1999	Cairns	
	98	5,933,328	08-03-1999	Wallace, et al.	
	99	5,940,752	08-17-1999	Henrick	
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	101	5,943,046	08-24-1999	Cave, et al.	
	102	5,948,059	09-07-1999	Woo, et al.	
	103	5,952,918	09-14-1999	Ohayon	
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	106	5,963,877	10-05-1999	Kobayashi	
	107	5,983,069	11-09-1999	Cho, et al.	
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	110	5,999,094	12-07-1999	Nilssen	
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	112	6,002,720	12-14-1999	Yurt et al.	
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	115	6,018,654	01-25-2000	Valentine, et al.	
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Examiner Signature	/Temica Beamer/	Date Considered	01/30/2012
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	13/316203
	Filing Date	12-09-2011
	First Named Inventor	Shanahan, Michael E.
	Art Unit	
<i>(Multiple sheets used when necessary)</i>		Examiner
SHEET 5 OF 9		Attorney Docket No. PREMM.001A2C8

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	117	6,035,018	03-07-2000	Kaufman	
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	119	6,058,161	05-02-2000	Anderson, et al.	
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	First Named Inventor	Shanahan, Michael E.
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U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	146	6,253,061	06-26-2001	Helferich	
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	148	6,275,234	08-14-2001	Iwaki	
	149	6,308,086	10-23-2001	Yoshino	
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SHEET 7 OF 9		Attorney Docket No. PREMM.001A2C8

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	175	7,013,006	03-14-2006	Tischer	
	176	7,020,497	03-28-2006	Deeds	
	177	7,031,453	04-18-2006	Busardo, et al.	
	178	7,035,675	04-25-2006	Yamada	
	179	7,065,342	06-20-2006	Rolf	
	180	7,088,990	08-08-2006	Isomursu, et al.	
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	182	7,119,268	10-10-2006	Futamase, et al.	
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	195	2004/0073591	04-15-2004	Giacalone	
	196	2004/0148226	07-29-2004	Shanahan	
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U.S. PATENT DOCUMENTS					
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	204	2009/0131105	05-21-2009	Shanahan	

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Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ¹
	205	CA 2,436,872	10-09-2007	Twenty Year Innovations		
	206	EP 0851649 A2	07-01-1998	Nokia Mobile Phones Ltd.		
	207	GB 2343084 A	04-26-2000	Putnam, et al.		
	208	JP 09205471	05-05-1997	Nippon Denki Ido Tsushin		
	209	JP 10173737 A2	06-26-1998	Emiko		X-abs
	210	JP 2001195068	07-19-2001	Takeshi, et al.		X-abs
	211	JP 2001404867 A	02-16-2001	Takeshi, et al.		X-abs
	212	WO 00/36857	06-22-2000	Oy Radiolinja AS		
	213	WO 00/38340	06-29-2000	Kim, et al.		
	214	WO 00/79770	12-28-2000	Son, et al.		
	215	WO 01/41403	06-07-2001	Shanahan		
	216	WO 01/41411 A2	06-07-2001	Schuster, et al.		
	217	WO 98/11487	03-19-1998	Audible, Inc.		
	218	WO 99/28897	06-10-1999	Voquette Networks Ltd.		
	219	WO 99/43136	08-26-1999	Ericsson, Inc.		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹
	220	Canadian Office Action issued by the Canadian Patent Office on Apr. 21,2004, in connection with Canadian App. No. 2,436,872 (3 pages)	
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SHEET 9 OF 9	Attorney Docket No.	PREMM.001A2C8

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹
	224	Canadian Office Action issued by the Canadian Patent Office on Sept. 28, 2005, in connection with Canadian App. No. 2,436,872 (2 pages)	
	225	FRERE-JONES, "Ring My Bell", The New Yorker, March 7, 2005. http://www.newyorker.com/archive/2005/03/07/050307crmu_music?printable=true	
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	227	PEREMULTER, "First Ever MEF Special Recognition Award Goes to the Pioneer of the Mobile Ringtone Business", MEFMobile, www.mefmobile.org/index.php?id=391	
	228	SGS Thompson Microelectronics ST 5092 Datasheet, June 1997, pp. 1-29	
	229	TAKEISHI, ET AL., "Mobile Innovation and the Music Business in Japan: The Case of Ringing Tone Melody", Institute of Innovation Research - Hitotsubashi University, May 2003, http://www.newyorker.com/archive/2005/03/07/050307crmu_music?printable=true	
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Search Notes 	Application/Control No. 13316203	Applicant(s)/Patent Under Reexamination SHANAHAN, MICHAEL E.
	Examiner TEMICA M BEAMER	Art Unit 2617

SEARCHED			
Class	Subclass	Date	Examiner
455	418, 415, 419, 414.1, 566, 557, 567	1/30/2012	TMB

SEARCH NOTES		
Search Notes	Date	Examiner
WEST	1/30/2012	TMB

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner

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Table with 7 columns: APPLICATION NUMBER, FILING or 371(c) DATE, GRP ART UNIT, FIL FEE REC'D, ATTY.DOCKET.NO, TOT CLAIMS, IND CLAIMS. Row 1: 13/316,203, 12/09/2011, 3715, 530, PREMM.001A2C8, 18, 2

CONFIRMATION NO. 1697

FILING RECEIPT

20995
KNOBBE MARTENS OLSON & BEAR LLP
2040 MAIN STREET
FOURTEENTH FLOOR
IRVINE, CA 92614



Date Mailed: 12/29/2011

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

Applicant(s)

Michael E. Shanahan, Nyack, NY;

Assignment For Published Patent Application

PREMORPHIC MOBILE, LP, Tyler, TX

Power of Attorney: None

Domestic Priority data as claimed by applicant

This application is a CON of 12/128,991 05/29/2008
which is a CON of 11/633,142 12/02/2006 PAT 7555317
which is a CON of 10/600,975 06/20/2003 PAT 7149509
which is a CON of 09/518,846 03/03/2000 ABN
which claims benefit of 60/169,158 12/06/1999

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.)

If Required, Foreign Filing License Granted: 12/23/2011

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is US 13/316,203

Projected Publication Date: 04/05/2012

Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

Title

METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES

Preliminary Class

434

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 (1-866-999-4158).

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

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where

the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

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

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

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

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PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number
13/316,203

APPLICATION AS FILED - PART I

(Column 1) (Column 2)

FOR	NUMBER FILED	NUMBER EXTRA
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A
SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A
TOTAL CLAIMS (37 CFR 1.16(j))	18 minus 20 = *	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	2 minus 3 = *	
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).	
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))		

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

SMALL ENTITY

RATE(\$)	FEE(\$)
N/A	95
N/A	310
N/A	125
x 30 =	0.00
x 125 =	0.00
	0.00
	0.00
TOTAL	530

OR OTHER THAN SMALL ENTITY

RATE(\$)	FEE(\$)
N/A	
N/A	
N/A	
TOTAL	

APPLICATION AS AMENDED - PART II

(Column 1) (Column 2) (Column 3)

AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total (37 CFR 1.16(i))	*	Minus	**	=
	Independent (37 CFR 1.16(h))	*	Minus	***	=
	Application Size Fee (37 CFR 1.16(s))				
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))					

SMALL ENTITY

RATE(\$)	ADDITIONAL FEE(\$)
x =	
x =	
TOTAL ADD'L FEE	

OR OTHER THAN SMALL ENTITY

RATE(\$)	ADDITIONAL FEE(\$)
x =	
x =	
TOTAL ADD'L FEE	

(Column 1) (Column 2) (Column 3)

AMENDMENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total (37 CFR 1.16(i))	*	Minus	**	=
	Independent (37 CFR 1.16(h))	*	Minus	***	=
	Application Size Fee (37 CFR 1.16(s))				
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))					

SMALL ENTITY

RATE(\$)	ADDITIONAL FEE(\$)
x =	
x =	
TOTAL ADD'L FEE	

OR OTHER THAN SMALL ENTITY

RATE(\$)	ADDITIONAL FEE(\$)
x =	
x =	
TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest found in the appropriate box in column 1.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	13/316203
	Filing Date	12-09-2011
	First Named Inventor	Shanahan, Michael E.
	Art Unit	
<i>(Multiple sheets used when necessary)</i>		Examiner
SHEET 1 OF 9		Attorney Docket No. PREMM.001A2C8

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	4,866,766	09-12-1989	Mitzlaff	
	2	4,868,561	09-19-1989	Davis	
	3	5,220,420	06-15-1993	Hoarty, et al.	
	4	5,247,347	09-21-1993	Litteral et al.	
	5	5,253,275	10-12-1993	Yurt et al.	
	6	5,262,275	11-1993	Fan	
	7	5,262,875	11-16-1993	Mincer, et al.	
	8	5,341,474	08-23-1994	Gelman, et al.	
	9	5,414,444	05-09-1995	Britz	
	10	5,414,751	05-09-1995	Yamada	
	11	5,428,606	06-27-1995	Moskowitz	
	12	5,440,336	08-08-1995	Buhro et al.	
	13	5,442,749	08-15-1995	Northcutt, et al.	
	14	5,452,354	09-19-1995	Kyronlahti, et al.	
	15	5,461,666	10-24-1995	McMahan, et al.	
	16	5,479,477	12-1995	McVey et al.	
	17	5,479,510	12-26-1995	Olsen, et al.	
	18	5,481,599	01-02-1996	MacAllister, et al.	
	19	5,483,580	01-09-1996	Brandman, et al.	
	20	5,483,581	01-09-1996	Hird, et al.	
	21	5,485,370	01-16-1996	Moss, et al.	
	22	5,486,686	01-23-1996	Zdybel, Jr., et al.	
	23	5,487,671	01-30-1996	Shapiro, et al.	
	24	5,490,210	02-06-1996	Sasso	
	25	5,490,251	02-06-1996	Clark, et al.	
	26	5,499,288	03-12-1996	Hunt, et al.	
	27	5,508,733	04-16-1996	Kassatly	
	28	5,510,777	04-23-1996	Pilc, et al.	
	29	5,513,272	04-30-1996	Bogosian, Jr.	

Examiner Signature	Date Considered
<p>*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.</p>	

T¹ - Place a check mark in this area when an English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	13/316203
	Filing Date	12-09-2011
	First Named Inventor	Shanahan, Michael E.
	Art Unit	
<i>(Multiple sheets used when necessary)</i>		Examiner
SHEET 2 OF 9		Attorney Docket No. PREMM.001A2C8

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	30	5,517,605	05-14-1996	WOLF, RICHARD	
	31	5,524,141	06-04-1996	Braun, et al.	
	32	5,526,620	06-18-1996	Hallsten	
	33	5,528,281	06-18-1996	Grady, et al.	
	34	5,530,852	06-25-1996	Meske, Jr., et al.	
	35	5,533,115	07-02-1996	Hollenbach, et al.	
	36	5,534,855	07-09-1996	Shockley, et al.	
	37	5,537,586	07-16-1996	Amram, et al.	
	38	5,541,917	07-30-1996	Farris	
	39	5,542,046	07-30-1996	Carlson, et al.	
	40	5,544,255	08-06-1996	Smithies et al.	
	41	5,544,322	08-06-1996	Cheng, et al.	
	42	5,548,726	08-20-1996	Pettus	
	43	5,550,557	08-1996	Kapoor et al.	
	44	5,550,577	08-27-1996	Verbiest, et al.	
	45	5,550,578	08-27-1996	Hoarty, et al.	
	46	5,550,863	08-27-1996	Yurt et al.	
	47	5,550,976	08-27-1996	Henderson, Kenneth R., et al.	
	48	5,551,021	08-27-1996	Harada, et al.	
	49	5,553,311	09-03-1996	McLaughlin, et al.	
	50	5,557,675	09-17-1996	Schupak	
	51	5,561,688	10-01-1996	Jones, Jr.	
	52	5,563,649	10-08-1996	Gould, et al.	
	53	5,566,353	10-15-1996	Cho, et al.	
	54	5,568,181	10-22-1996	Greenwood, et al.	
	55	5,570,126	10-29-1996	Blahut, et al.	
	56	5,572,571	11-05-1996	Shirai	
	57	5,577,190	11-19-1996	Peters	
	58	5,583,763	12-10-1996	Atcheson et al.	

Examiner Signature	Date Considered
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	13/316203
	Filing Date	12-09-2011
	First Named Inventor	Shanahan, Michael E.
	Art Unit	
<i>(Multiple sheets used when necessary)</i>		Examiner
SHEET 3 OF 9		Attorney Docket No. PREMM.001A2C8

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	59	5,598,461	01-28-1997	Greenberg	
	60	5,600,712	02-04-1997	Hanson, et al.	
	61	5,606,597	02-25-1997	Newland	
	62	5,608,786	03-04-1997	Gordon	
	63	5,612,682	03-18-1997	DeLuca, et al.	
	64	5,613,012	03-18-1997	Hoffman et al.	
	65	5,613,190	03-18-1997	Hylton	
	66	5,613,191	03-18-1997	Hylton, et al.	
	67	5,619,247	04-08-1997	Russo	
	68	5,623,531	04-22-1997	Nilssen	
	69	5,625,404	04-29-1997	Grady, et al.	
	70	5,625,405	04-29-1997	DuLac, et al.	
	71	5,644,354	07-01-1997	Thompson, et al.	
	72	5,661,802	08-26-1997	Nilssen	
	73	5,675,738	10-07-1997	Suzuki, et al.	
	74	5,677,905	10-14-1997	Bigham, et al.	
	75	5,680,325	10-21-1997	Rohner	
	76	5,687,227	11-11-1997	Cohrs, et al.	
	77	5,689,825	11-18-1997	Averbuch, et al.	
	78	5,694,455	12-02-1997	Goodman	
	79	5,724,411	03-03-1998	Eisdorfer, et al.	
	80	5,727,047	03-10-1998	Bentley, et al.	
	81	5,732,216	03-24-1998	Logan, et al.	
	82	5,790,423	08-04-1998	Lau, Edwin et al.	
	83	5,793,413	08-11-1998	Hylton, et al.	
	84	5,793,980	08-11-1998	Glaser et al.	
	85	5,796,728	08-18-1998	Rondeau, et al.	
	86	5,799,063	08-25-1998	Krane	
	87	5,828,956	10-27-1998	Shira	

Examiner Signature	Date Considered
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	13/316203
	Filing Date	12-09-2011
	First Named Inventor	Shanahan, Michael E.
	Art Unit	
<i>(Multiple sheets used when necessary)</i>		Examiner
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U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	88	5,835,495	11-10-1998	Ferriere	
	89	5,842,124	11-24-1998	Kenagy, et al.	
	90	5,870,683	02-09-1999	Weils, et al.	
	91	5,880,770	03-09-1999	licisin, et al.	
	92	5,884,262	03-16-1999	Wise, et al.	
	93	5,907,604	05-25-1999	Hsu	
	94	5,915,001	06-22-1999	Uppaluru	
	95	5,926,624	07-20-1999	Katz et al.	
	96	5,926,756	07-20-1999	Piosenka, et al.	
	97	5,930,703	07-27-1999	Cairns	
	98	5,933,328	08-03-1999	Wallace, et al.	
	99	5,940,752	08-17-1999	Henrick	
	100	5,940,775	08-17-1999	Kim	
	101	5,943,046	08-24-1999	Cave, et al.	
	102	5,948,059	09-07-1999	Woo, et al.	
	103	5,952,918	09-14-1999	Ohayon	
	104	5,953,408	09-14-1999	Blanvillain, et al.	
	105	5,953,638	09-14-1999	Flood, et al.	
	106	5,963,877	10-05-1999	Kobayashi	
	107	5,983,069	11-09-1999	Cho, et al.	
	108	5,986,690	11-16-1999	Hendricks	
	109	5,987,323	11-16-1999	Huotari	
	110	5,999,094	12-07-1999	Nilssen	
	111	5,999,599	12-07-1999	Shaffer, et al.	
	112	6,002,720	12-14-1999	Yurt et al.	
	113	6,002,761	12-14-1999	Sremac	
	114	6,014,569	01-11-2000	Bottum	
	115	6,018,654	01-25-2000	Valentine, et al.	
	116	6,018,656	01-25-2000	Shirai	

Examiner Signature	Date Considered
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	13/316203
	Filing Date	12-09-2011
	First Named Inventor	Shanahan, Michael E.
	Art Unit	
<i>(Multiple sheets used when necessary)</i>		Examiner
SHEET 5 OF 9		Attorney Docket No. PREMM.001A2C8

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	117	6,035,018	03-07-2000	Kaufman	
	118	6,035,189	03-07-2000	Ali-Vehmas, et al.	
	119	6,058,161	05-02-2000	Anderson, et al.	
	120	6,073,003	06-06-2000	Nilssen	
	121	6,075,998	06-13-2000	Morishima	
	122	6,088,730	07-11-2000	Kato, et al.	
	123	6,091,947	07-18-2000	Summer	
	124	6,094,587	07-25-2000	Armanto, et al.	
	125	6,101,242	08-08-2000	McAllister, et al.	
	126	6,122,526	09-19-2000	Parulski, et al.	
	127	6,137,525	10-24-2000	Lee, et al.	
	128	6,138,006	10-24-2000	Foti	
	129	6,140,568	10-31-2000	Kohler	
	130	6,144,722	11-07-2000	Anderson, et al.	
	131	6,151,491	11-21-2000	Farris, et al.	
	132	6,163,711	12-19-2000	Juntunen, et al.	
	133	6,167,130	12-26-2000	Rosen	
	134	6,167,278	12-26-2000	Nilssen	
	135	6,179,682	01-30-2001	Plain, et al.	
	136	6,188,909	02-13-2001	Alanara, et al.	
	137	6,192,340	02-20-2001	Abecassis	
	138	6,198,941	03-06-2001	Aho, et al.	
	139	6,219,413	04-17-2001	Burg	
	140	6,222,838	04-24-2001	Sparks, et al.	
	141	6,226,532	05-01-2001	Kim, et al.	
	142	6,229,990	05-08-2001	Toshida, et al.	
	143	6,233,682 B1	05-2001	Fritsch	
	144	6,240,391	05-20-2001	Ball, et al.	
	145	6,243,375	06-05-2001	Speicher	

Examiner Signature	Date Considered
<p>*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.</p>	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	13/316203
	Filing Date	12-09-2011
	First Named Inventor	Shanahan, Michael E.
	Art Unit	
<i>(Multiple sheets used when necessary)</i>		Examiner
SHEET 6 OF 9		Attorney Docket No. PREMM.001A2C8

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	146	6,253,061	06-26-2001	Helferich	
	147	6,256,378	07-03-2001	Iggulden, et al.	
	148	6,275,234	08-14-2001	Iwaki	
	149	6,308,086	10-23-2001	Yoshino	
	150	6,366,791	04-02-2002	Lin, et al.	
	151	6,385,305	05-07-2002	Gerszberg, et al.	
	152	6,389,124	05-14-2002	Schnarel, et al.	
	153	6,392,640	05-21-2002	Will	
	154	6,400,958	06-04-2002	Isomursu, et al.	
	155	6,418,330 B1	07-09-2002	Lee	
	156	6,449,359	09-10-2002	Luzzatto, et al.	
	157	6,477,580	11-05-2002	Bowman-Amuah	
	158	6,483,531	11-19-2002	Ryu	
	159	6,496,692	12-17-2002	Shanahan, Michael	
	160	6,501,967	12-31-2002	Makela, et al.	
	161	6,564,056	05-13-2003	Fitzgerald	
	162	6,599,147	07-29-2003	Mills, et al.	
	163	6,603,985	08-05-2003	Ichihashi	
	164	6,718,021	04-06-2004	Crockett, et al.	
	165	6,720,969	04-13-2004	Lavelle, et al.	
	166	6,728,531	04-27-2004	Lee, et al.	
	167	6,754,509	06-22-2004	Khan, et al.	
	168	6,778,179	08-17-2004	Lavelle, et al.	
	169	6,829,618	12-07-2004	Abraham, et al.	
	170	6,831,617	12-14-2004	Miyauchi, et al.	
	171	6,845,398	01-18-2005	Galensky, et al.	
	172	6,848,011	01-25-2005	Park, et al.	
	173	6,871,084 B2	03-22-2005	Takagaki	
	174	6,928,468	08-09-2005	Leermakers	

Examiner Signature	Date Considered
<p>*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.</p>	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	13/316203
	Filing Date	12-09-2011
	First Named Inventor	Shanahan, Michael E.
	Art Unit	
<i>(Multiple sheets used when necessary)</i>	Examiner	
SHEET 7 OF 9	Attorney Docket No.	PREMM.001A2C8

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	175	7,013,006	03-14-2006	Tischer	
	176	7,020,497	03-28-2006	Deeds	
	177	7,031,453	04-18-2006	Busardo, et al.	
	178	7,035,675	04-25-2006	Yamada	
	179	7,065,342	06-20-2006	Rolf	
	180	7,088,990	08-08-2006	Isomursu, et al.	
	181	7,113,981	09-26-2006	Slate	
	182	7,119,268	10-10-2006	Futamase, et al.	
	183	7,119,368	10-10-2006	Park, et al.	
	184	7,149,509	12-12-2006	Shanahan, Michael	
	185	7,161,081	01-09-2007	Futamase, et al.	
	186	7,203,523	04-10-2007	Ito	
	187	7,209,900	04-24-2007	Hunter, et al.	
	188	7,257,395	08-14-2007	Shanahan, Michael	
	189	7,289,798	10-30-2007	Shanahan, Michael	
	190	7,295,864	11-13-2007	Shanahan, Michael	
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	202	2008/0182619	07-31-2008	Shanahan	
	203	2008/0287115	11-20-2008	Shanahan	

Examiner Signature	Date Considered
<p>*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.</p>	

T¹ - Place a check mark in this area when an English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	13/316203
	Filing Date	12-09-2011
	First Named Inventor	Shanahan, Michael E.
	Art Unit	
<i>(Multiple sheets used when necessary)</i>		Examiner
SHEET 8 OF 9		Attorney Docket No. PREMM.001A2C8

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	204	2009/0131105	05-21-2009	Shanahan	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ¹
	205	CA 2,436,872	10-09-2007	Twenty Year Innovations		
	206	EP 0851649 A2	07-01-1998	Nokia Mobile Phones Ltd.		
	207	GB 2343084 A	04-26-2000	Putnam, et al.		
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	218	WO 99/28897	06-10-1999	Voquette Networks Ltd.		
	219	WO 99/43136	08-26-1999	Ericsson, Inc.		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹
	220	Canadian Office Action issued by the Canadian Patent Office on Apr. 21,2004, in connection with Canadian App. No. 2,436,872 (3 pages)	
	221	Canadian Office Action issued by the Canadian Patent Office on Dec. 29,2004, in connection with Canadian App. No. 2,436,872 (2 pages)	
	222	Canadian Office Action issued by the Canadian Patent Office on March 31,2005, in connection with Canadian App. No. 2,492,727 (3 pages)	
	223	Canadian Office Action issued by the Canadian Patent Office on Sept. 19,2006, in connection with Canadian App. No. 2,436,872 (2 pages)	

Examiner Signature	Date Considered
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***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.

T¹ - Place a check mark in this area when an English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	13/316203
	Filing Date	12-09-2011
	First Named Inventor	Shanahan, Michael E.
	Art Unit	
<i>(Multiple sheets used when necessary)</i>	Examiner	
SHEET 9 OF 9	Attorney Docket No.	PREMM.001A2C8

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹
	224	Canadian Office Action issued by the Canadian Patent Office on Sept. 28, 2005, in connection with Canadian App. No. 2,436,872 (2 pages)	
	225	FRERE-JONES, "Ring My Bell", The New Yorker, March 7, 2005. http://www.newyorker.com/archive/2005/03/07/050307crmu_music?printable=true	
	226	International Preliminary Report on Patentability issued Mar. 25, 2002, issued in connection with International Patent Appln. No. PCT/US00/32920 (6 pages)	
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122011

Examiner Signature	Date Considered
<p>*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.</p>	

T¹ - Place a check mark in this area when an English language translation is attached.

Electronic Acknowledgement Receipt

EFS ID:	11668692
Application Number:	13316203
International Application Number:	
Confirmation Number:	1697
Title of Invention:	METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES
First Named Inventor/Applicant Name:	Michael E. Shanahan
Customer Number:	20995
Filer:	John R. King/Lori Larson
Filer Authorized By:	John R. King
Attorney Docket Number:	PREMM.001A2C8
Receipt Date:	20-DEC-2011
Filing Date:	
Time Stamp:	17:46:54
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		PREMM-001A2C8_prelimamend.pdf	326345 188dfa2d8b9a671bbb27033e3c87eb39715d7564	yes	8

Multipart Description/PDF files in .zip description			
Document Description	Start	End	
Preliminary Amendment	1	1	
Claims	2	4	
Applicant Arguments/Remarks Made in an Amendment	5	8	

Warnings:

Information:

2		PREMM-001A2C8_ids.pdf	595810	yes	10
			3f2265f0d0ed389ab17aaef45077fbc620abd4b		

Multipart Description/PDF files in .zip description			
Document Description	Start	End	
Transmittal Letter	1	1	
Information Disclosure Statement (IDS) Form (SB08)	2	10	

Warnings:

Information:

Total Files Size (in bytes):	922155
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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

Applicant : Michael E. Shanahan
App. No. : 13/316203
Filed : December 9, 2011
For : METHODS AND APPARATUSES
FOR PROGRAMMING USER-
DEFINED INFORMATION INTO
ELECTRONIC DEVICES
Examiner : Unknown
Art Unit : Unknown
Conf No. : 1697

PRELIMINARY AMENDMENT**Mail Stop Amendment**

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

Dear Sir:

Prior to the examination of the above-captioned application, please amend the application as follows:

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

Remarks/Arguments begin on page 5 of this paper.

AMENDMENTS TO THE CLAIMS

Please amend Claims 1, 6, 10 and 15 as indicated below.

1. (Currently Amended) A method of providing an audio file to a communications device, the method comprising:

providing to a browser of a communications device, a listing of ~~multiple~~ audio files, wherein at least one of the audio files in the listing of ~~multiple~~ audio files is available in two or more different digital formats;

receiving an electronic request from the communications device that identifies a ~~first~~ the at least one audio file in the listing of audio files that is available in the two or more different digital formats;

automatically identifying with computer hardware comprising one or more computer processors, at least one digital format that is compatible with the communications device;

comparing the digital format that is compatible with the wireless device with the two or more different digital formats of the ~~first~~ at least one audio file to identify at least a first compatible digital format; and

transferring to the communications device, the at least one audio file in at least the first compatible digital format ~~of the first audio file~~.

2. (Original) The method of Claim 1 wherein automatically identifying the at least one digital format that is compatible with the communications device is transparent to a user of the communications device.

3. (Original) The method of Claim 1 wherein automatically identifying the at least one digital format that is compatible with the communications device comprises polling the communications device to automatically identify the first compatible digital format.

4. (Original) The method of Claim 1 wherein the communications device is a wireless communications device.

5. (Original) The method of Claim 1 wherein the first compatible digital format of the first audio file is at least one of the group consisting of: Music Instrument Digital Interface (MIDI), Motion Pictures Expert Group (MPEG), MPEG 2 layer 3 (MP3), Waveform audio file (WAV), Pulse Code Modulated (PCM), Windows Media Audio code (WMA), or Adaptive Transform Acoustic Coding (ATRAC).

6. (Currently Amended) The method of Claim 1 further comprising allowing the user to search for the ~~first~~ at least one audio file with the browser.

7. (Original) The method of Claim 1 wherein the browser is an internet browser.

8. (Original) The method of Claim 1 wherein the browser is a Wireless Application Protocol (WAP) compliant browser.

9. (Original) The method of Claim 1 wherein the first audio file is configured to be used as an indicia of an incoming communication.

10. (Currently Amended) A system that provides an audio file to a communications device, the system comprising:

one or more computer processors configured to provide to a browser of a communications device, a listing of ~~multiple~~ audio files, wherein at least one of the audio files in the listing of the ~~multiple~~ audio files is available in two or more different digital formats;

one or more computer processors configured to receive an electronic request from the communications device that identifies a ~~first~~ the at least one audio file in the listing of the audio files that is available in the two or more different digital formats;

one or more computer processors configured to automatically identify at least one digital format that is compatible with the communications device;

one or more computer processors configured to compare the digital format that is compatible with the wireless device with the two or more different

digital formats of the first at least one audio file to identify at least a first compatible digital format; and

one or more computer processors configured to transfer to the communications device, the at least one audio file in at least the first compatible digital format of the first audio file.

11. (Original) The system of Claim 10 wherein automatically identifying the at least one digital format that is compatible with the communications device is transparent to a user of the communications device.

12. (Original) The system of Claim 10 wherein automatically identifying the at least one digital format that is compatible with the communications device comprises polling the communications device.

13. (Original) The system of Claim 10 wherein the communications device is a wireless communications device.

14. (Original) The system of Claim 10 wherein the digital format of the first audio file is at least one of the group consisting of: Music Instrument Digital Interface (MIDI), Motion Pictures Expert Group (MPEG), MPEG 2 layer 3 (MP3), Waveform audio file (WAV), Pulse Code Modulated (PCM), Windows Media Audio code (WMA), or Adaptive Transform Acoustic Coding (ATRAC).

15. (Currently Amended) The system of Claim 10 wherein one or more computer processors are configured to allow the user to search for the first at least one audio file with the browser.

16. (Original) The system of Claim 10 wherein the browser is an internet browser.

17. (Original) The system of Claim 10 wherein the browser is a Wireless Application Protocol (WAP) compliant browser.

18. (Original) The system of Claim 10 wherein the first audio file is configured for use as an indicia of an incoming communication.

Application No.: 13/316203
Filing Date: December 9, 2011

REMARKS

Prior to the examination of the above-captioned application, Applicant has amended Claims 1, 6, 10 and 15.

OTHER APPLICATIONS OF ASSIGNEE

Applicant wishes to draw the Examiner's attention to the following applications owned by of the present application's assignee:

Inventors	Appl. No.	Filing Date	Attorney Docket No.	Title
Shanahan	60/169,158 Now Expired	12/06/99	N/A	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	09/518,712 Now Pat. 6,496,692	03/03/00	PREMM.001A1	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	09/518,846 Now Abandoned	03/03/00	N/A	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	10/223,200 Now Pat. 7,257,395	08/16/02	PREMM.001A1C1	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	10/600,975 Now Pat. 7,149,509	06/20/03	PREMM.001A2C1	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	10/603,271 Now Pat. 7,295,864	06/24/03	PREMM.001A2C2	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	10/603,285 Now Pat. 7,620,427	06/24/03	PREMM.001A2C3	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	10/915,862 Now Pat. 7,289,798	08/11/04	PREMM.001A1C2	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	10/915,866 Now Pat. 7,319,866	08/11/04	PREMM.001A1C3	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices

Application No.: 13/316203
Filing Date: December 9, 2011

Inventors	Appl. No.	Filing Date	Attorney Docket No.	Title
Shanahan	11/633,122 Now Pat. 7,742,759	12/02/06	PREMM.001A2C4	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	11/633,135 Published 2008/0182619	12/02/06	PREMM.001A1C4	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	11/633,142 Now Pat. 7,555,317	12/02/06	PREMM.001A2C7	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	12/128,991 Published 2008/0287115	05/29/08	PREMM.001A2C5	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	12/335,300 Published 2009/0131105	12/15/08	PREMM.001A2C6	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices
Shanahan	13/316,203	12/09/11	PREMM.001A2C8	Methods And Apparatuses For Programming User-Defined Information Into Electronic Devices

Applicant notes that cited references, office actions, responses and notices of allowance currently exist or will exist for the above-referenced matters. Applicant also understands that the Examiner has access to sophisticated online Patent Office computing systems that provide ready access to the full file histories of these matters including, for example, specifications, drawings, pending claims, cited art, office actions, responses, declarations, and notices of allowance.

Rather than submit copies these file histories, Applicant respectfully requests that the Examiner continue to review these file histories online for past, current, and future information about these matters.

Also, if the Examiner cannot readily access these file histories, the Applicant would be pleased to provide any portion of any of the file histories at any time upon specific Examiner request.

Application No.: 13/316203
Filing Date: December 9, 2011

INFORMATION DISCLOSURE STATEMENT

Submitted concurrently herewith is a Supplemental Information Disclosure Statement citing 230 references. Applicant respectfully requests the Examiner to consider the pending claims in connection with these references in order to make the references of record.

RESCISSION OF ANY PRIOR DISCLAIMERS AND REQUEST TO REVISIT ART

The claims of the present application are different and possibly broader in scope than any pending claims in any related application or issued claims in any related patent. In particular, by way of example, in one or more parent applications, the following references were cited: U.S. Publication No. 2004/0073591 and U.S. Patent Nos. 5,479,477; 5,583,763; 5,694,455; 5,724,411; 5,870,683; 5,933,328; 5,963,877; 6,094,587; 6,138,006; 6,192,340; 6,222,838; 6,233,682; 6,240,391; 6,243,375; 6,253,061; 6,275,234; 6,366,791; 6,385,305; 6,449,359; 6,496,692; 6,501,967; 6,599,147; 6,603,985; 6,718,021; 6,720,969; 6,728,531; 6,778,179; 6,829,618; 6,831,617; 6,845,398; 6,848,011; 7,013,006; 7,020,497; 7,031,453; 7,035,675; 7,065,342; 7,088,990; 7,113,981; 7,119,268; 7,119,368; 7,149,509; 7,161,081; 7,203,523; and 7,209,900.

To the extent that any amendments or characterizations of the scope of any claim or referenced art could be construed as a disclaimer of any subject matter supported by the present disclosure, Applicant hereby rescinds and retracts such disclaimer. Accordingly, the above-listed references, or other listed or referenced art may need to be re-visited.

In addition, reviewers of this or any parent, child or related prosecution history shall not reasonably infer that Applicant has made any disclaimers or disavowals of any subject matter supported by the present application.

Application No.: 13/316203
Filing Date: December 9, 2011

CONCLUSION

Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 12-20-2011

By: John R. King
John R. King
Registration No. 34,362
Attorney of Record
Customer No. 20,995
(949) 760-0404

12455199:ad
121911

INFORMATION DISCLOSURE STATEMENT

Applicant : Michael E. Shanahan
App. No : 13/316,203
Filed : December 9, 2011
For : METHODS AND APPARATUSES FOR
PROGRAMMING USER-DEFINED
INFORMATION INTO ELECTRONIC DEVICES
Examiner : Unknown
Art Unit : Unknown
Conf No. : 1697

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

Dear Sir:

Enclosed is a PTO/SB/08 Equivalent listing two hundred thirty (230) references that are of record in U.S. Patent Application Nos. 12/128991 and 11/633142 (now U.S. Patent No. 7555317), filed May 29, 2008 and December 2, 2006 respectively, which are the parents of this continuation application, and are relied upon for an earlier filing date under 35 U.S.C. § 120. Copies of the references are not submitted pursuant to 37 C.F.R. § 1.98(d).

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required. If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 12-20-2011

By: John R. King
John R. King
Registration No. 34,362
Attorney of Record
Customer No. 20,995
(949) 760-0404

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.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 13/316,203	Filing Date 12/09/2011	<input type="checkbox"/> To be Mailed
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APPLICATION AS FILED – PART I			OTHER THAN SMALL ENTITY				
	(Column 1)	(Column 2)	SMALL ENTITY <input checked="" type="checkbox"/>	OR			
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)	OR	RATE (\$)	FEE (\$)
<input type="checkbox"/> BASIC FEE <small>(37 CFR 1.16(a), (b), or (c))</small>	N/A	N/A	N/A		OR	N/A	
<input type="checkbox"/> SEARCH FEE <small>(37 CFR 1.16(k), (j), or (m))</small>	N/A	N/A	N/A		OR	N/A	
<input type="checkbox"/> EXAMINATION FEE <small>(37 CFR 1.16(o), (p), or (q))</small>	N/A	N/A	N/A		OR	N/A	
TOTAL CLAIMS <small>(37 CFR 1.16(j))</small>	minus 20 =	*	X \$ =		OR	X \$ =	
INDEPENDENT CLAIMS <small>(37 CFR 1.16(h))</small>	minus 3 =	*	X \$ =		OR	X \$ =	
<input type="checkbox"/> APPLICATION SIZE FEE <small>(37 CFR 1.16(s))</small>	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 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).				OR		
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT <small>(37 CFR 1.16(j))</small>					OR		
			TOTAL		OR	TOTAL	

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

APPLICATION AS AMENDED – PART II					OTHER THAN SMALL ENTITY				
	(Column 1)	(Column 2)	(Column 3)						
AMENDMENT	12/20/2011	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR	RATE (\$)	ADDITIONAL FEE (\$)
	Total <small>(37 CFR 1.16(i))</small>	* 18	Minus ** 20	= 0	X \$30 =	0	OR	X \$ =	
	Independent <small>(37 CFR 1.16(h))</small>	* 2	Minus *** 3	= 0	X \$125 =	0	OR	X \$ =	
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>						OR		
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						OR		
					TOTAL ADD'L FEE	0	OR	TOTAL ADD'L FEE	

	(Column 1)	(Column 2)	(Column 3)						
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR	RATE (\$)	ADDITIONAL FEE (\$)
	Total <small>(37 CFR 1.16(i))</small>	*	Minus **	=	X \$ =		OR	X \$ =	
	Independent <small>(37 CFR 1.16(h))</small>	*	Minus ***	=	X \$ =		OR	X \$ =	
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>						OR		
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						OR		
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Legal Instrument Examiner:
 /RUBY JOHNSON/

This collection of information is required by 37 CFR 1.16. 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, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	PREMM.001A2C8
		Application Number	
Title of Invention	METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES		
The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.			

Secrecy Order 37 CFR 5.2

Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Applicant Information:

Applicant 1					<input type="button" value="Remove"/>
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	Michael	E.	Shanahan		
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City	Nyack	State/Province	NY	Country of Residence i	US
Citizenship under 37 CFR 1.41(b) i		US			
Mailing Address of Applicant:					
Address 1	783 Route 9W South				
Address 2					
City	Nyack	State/Province	NY		
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Title of the Invention	METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES		
Attorney Docket Number	PREMM.001A2C8	Small Entity Status Claimed	<input checked="" type="checkbox"/>
Application Type	Nonprovisional		
Subject Matter	Utility		
Suggested Class (if any)		Sub Class (if any)	
Suggested Technology Center (if any)			
Total Number of Drawing Sheets (if any)	13	Suggested Figure for Publication (if any)	

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	PREMM.001A2C8
	Application Number	
Title of Invention	METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES	

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Prior Application Status	Pending		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)		
	Continuation of	12/128991	2008-05-29		
Prior Application Status	Patented		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
12/128991	Continuation of	11/633142	2006-12-02	7555317	2009-06-30
Prior Application Status	Patented		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
11/633142	Continuation of	10/600975	2003-06-20	7149509	2006-12-12
Prior Application Status	Abandoned		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)		
10/600975	Continuation of	09/518846	2000-03-03		
Prior Application Status	Expired		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)		
09/518846	non provisional of	60/169158	1999-12-06		

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	PREMM.001A2C8
	Application Number	
Title of Invention	METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES	

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Application Number	Country ⁱ	Parent Filing Date (YYYY-MM-DD)	Priority Claimed
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Address 1	4828 South Broadway		
Address 2	Suite 360		
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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	PREMM.001A2C8
	Application Number	
Title of Invention	METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES	

This collection of information is required by 37 CFR 1.76. 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 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
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9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED
INFORMATION INTO ELECTRONIC DEVICES

CROSS-REFERENCE TO RELATED APPLICATIONS

[0001] This application is a continuation of U.S. Patent Application Ser No. 12/128,991, filed May 29, 2008, which is a continuation of U.S. Patent Application No. 11/633,142, filed Dec. 2, 2006, now U.S. Pat. No. 7,555,317, which is a continuation of U.S. Patent Application No. 10/600,975, filed on June 20, 2003, now U.S. Pat. No. 7,149,509, which is a continuation of U.S. Patent Application No. 09/518,846, filed Mar. 3, 2000, now abandoned, which claims priority from U.S. Provisional Patent Application No. 60/169,158, filed Dec. 6, 1999, the entire disclosures of which are expressly incorporated herein by reference.

BACKGROUND OF THE INVENTION

Field of the Invention

[0002] This application relates to electronic devices, and more particularly to a programming apparatus that allows users to program user-defined information into their electronic device.

Related Art

[0003] There are many types of electronic devices available to consumers today that have the ability to produce both audio sounds and video displays. Many of these devices provide users with the ability to select and play a particular piece of audio or video. A television viewer, for example, may tune to a TV channel and watch a particular program, or connect a VCR or DVD player to the television in order to view a specific program not currently being broadcast. Similarly, an audio system user may tune a receiver to a particular radio station to hear a certain genre of music, or connect a CD or tape player to the system in order to hear specific pieces of music. In both cases, the audio and video is user-selectable.

[0004] Currently, however, there are many electronic products that offer an audio/video playing capability that are not fully user-programmable. Users of such devices (e.g., wireless or cordless telephones, pagers, personal digital assistants (PDAs), hand-held computers and the like) have to choose from a limited selection of pre-programmed information (e.g., audio clips, video clips or frames, etc.) placed there by the manufacturer. This severely limits the user's ability to customize the device to suit his or her particular taste. Furthermore, most pre-programmed audio tends to be rather generic and can be confusing when a device of a nearby user generates a sound similar to or the same as that of another user's device. Although a programmable memory within many such electronic devices could support user-defined audio, currently, no system exists for programming such information into an electronic device.

[0005] The same is true for user-defined video. For example, certain types of user-defined video information, such as video clips, frames, and other digital or analog images could be programmed into an electronic device (e.g., PDA, wireless phone, or any portable display device) and displayed at a time of the user choosing. Although a programmable memory within such a device could support user-defined video, currently, no system exists for programming such information into the device.

SUMMARY OF THE INVENTION

[0006] It is therefore an object of the present invention to provide an apparatus that allows a user to program user-defined audio information into a programmable electronic device.

[0007] It is a further object of the present invention to provide an apparatus that allows a user to program user-defined video information into a programmable electronic device.

[0008] These and other objects of the present invention are accomplished by providing methods apparatuses that allow a user to program user-defined information into his or her electronic device. In one embodiment of the present invention, the programming apparatus includes processing circuitry and first and second communications links. In operation, a user selects a piece of information

from a source such as a computer disk drive, the Internet, or a remote database using the first communications link. The programming apparatus may download this information and compare its format with that required by the programmable device to determine format compatibility. If the two formats are compatible, the programming apparatus may download the selected information into the programmable device. If the formats are not compatible, the programming apparatus may convert the downloaded file to a format compatible with that required by the programmable electronic device. The programming apparatus may also provide the user with an opportunity to edit the converted file. Once editing is complete, the resulting file may then be programmed into the programmable device for subsequent use.

[0009] In another aspect of the invention, a user may send customized information such as an audio or video file called a "signature" when placing a telephone call. This feature allows a user to select and send a signature file to the person receiving the telephone call such that the person receiving the call is alerted by that file.

BRIEF DESCRIPTION OF THE DRAWINGS

[0010] The above and other objects and advantages of the present invention will be apparent upon consideration of the following detailed description, taken in conjunction with the accompanying drawings, in which like reference characters refer to like parts throughout, and in which:

[0011] FIG. 1 is a generalized block diagram of a system for programming user-defined information into an electronic device in accordance with one embodiment of the present invention.

[0012] FIG. 2 is a schematic diagram of a programmer constructed in accordance with one possible embodiment of the present invention.

[0013] FIG. 3 shows a computer based implementation of a programmer constructed in accordance with one embodiment of the present invention.

[0014] FIG. 4a shows an alternate embodiment of a computer based implementation of a programmer constructed in accordance with the principles of the present invention.

[0015] FIG. 4b shows an alternate network embodiment of the computer based implementation in shown in FIG. 4a.

[0016] FIG. 5 illustrates an imbedded implementation of the programmer shown in FIG. 2.

[0017] FIG. 6 shows yet another embodiment of a computer based implementation the programmer in shown in FIG. 4b.

[0018] FIG. 7 is a schematic diagram of one possible embodiment of a wireless telephone that can receive and play user-defined audio in accordance with one aspect of the present invention.

[0019] FIGS. 8-9 show a flow chart illustrating some of the steps involved in programming user-defined information into an electronic device in accordance with one embodiment of the present invention.

[0020] FIGS. 10-12 show a flow chart illustrating some of the steps involved in sending and receiving signature information in accordance with one embodiment of the present invention.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

[0021] FIG. 1 shows a block diagram of a system 10 for programming user-defined information (e.g., audio, video, or Internet access information, etc.) into an electronic device in accordance with one embodiment of the present invention. As shown in FIG. 1, system 10 generally includes a programmable electronic device 20, a device programmer 30, and a source 50. Programmer 30 is connected to source 50 via link 31, and to device 20 via link 32.

[0022] Programmable device 20 may be any portable electronic device (e.g., a wireless telephone, a pager, a handheld computer, personal digital assistant (PDA), etc.). Device 20 may also be any device which integrates some or all of the functions of such devices into one device. For example, device 20 may be a PDA capable of making wireless telephone calls, a PDA with paging functions, a wireless

telephone with some PDA or paging functions, a handheld or notebook computer with some or all of the functions of a PDA, a pager, and a telephone, etc.

[0023] In FIG. 1, links 31 and 32 may be, for example, communications links (e.g., serial ports, parallel ports, universal serial buses (USB), RS232, GPIB, etc.), modems (e.g., any suitable analog or digital modems, cellular modems, or cable modems), a network interface link (e.g., Ethernet links, token ring links, etc.), wireless communications links (e.g., cellular telephone links, wireless Internet links, infrared links, etc.), or any other suitable hard-wired or wireless Internet or communications links.

[0024] Source 50 may be any device or combination of devices suitable for providing user-defined information to programmer 30 (e.g., the Internet, an optical disc player (CD, DVD), a cassette player, a VCR, a digital camera, or any suitable storage device containing computer programs or files, etc.).

[0025] In operation, a user may choose certain information, such as Internet configuration information, an audio sample of a popular song, a video clip or frame, etc., that is available from source 50 and transfer it to programmer 30. Programmer 30 may then process this information into a suitable format (or may simply route the information if no format conversion is required), and program it into a programmable memory within device 20 (not shown). Device 20 may then retrieve this information when a certain event occurs (e.g., when receiving an incoming telephone call, browsing the Internet, or when programmed to do so by a user, etc.).

[0026] Programmer 30 may also coordinate or perform certain functions related to the routing and storing of information within device 20. For example, programmer 30 may communicate with (or simply search) device 20 to find available memory locations in which to store the user-defined information. Programmer 30 may also communicate with device 20 to determine which format the incoming information should be converted to so that the information is compatible with the downloading requirements of device 20. For audio files, this may include, but is not limited to, converting to or from any of the following format types: analog; MIDI; MPEG; PCM; Windows Media Audio Code (WMA); WAV; or Adaptive Transform Acoustic Coding (ATRAC), or to or from any other suitable audio format, etc. For

video files, this may include, but is not limited to, converting to or from any of the following format types: analog; JPEG; MPEG; GIF; AVI, or to or from any other suitable video format, etc. Text files may include, for example, HTML files, Wireless Markup Language (WML) files, WordPerfect™ files, Microsoft Office™ files, or any other suitable text files.

[0027] If multiple blocks of information are being programmed into device 20, programmer 30 may "tag" the different blocks so that device 20 and/or a user may distinguish among the different blocks stored therein. After the information has been provided, programmer 30 may communicate with device 20 to confirm that the information has been correctly received.

[0028] A more detailed diagram of one possible embodiment of programmer 30 is illustrated in FIG. 2. As illustrated, programmer 30 may include a transducer 25, a processor 34, a programmable memory 36, an analog-to-digital (A/D) converter 38, signal processing circuitry (SPC) 40, an output buffer 42, and an input buffer 44. Generally speaking, processor 40 controls the operation of programmer 30. Programmer 30 may be configured to receive and process both analog and digital signals. It may also acquire acoustic signals via transducer 25 (if installed).

[0029] In operation, programmer 30 may download certain user-selected information from source 50 via link 31. This information, such as audio or video files, in the form of electronic signals, may be received from link 31 and directed to input buffer 44. As mentioned above, these signals may need to be processed in order to be compatible with the format required by programmable device 20. For example, if analog input signals are received at input buffer 44 and device 20 requires a digital format, the analog signals may be routed to A/D converter 38 for conversion into a suitable digital form (e.g., into PCM, PAM, etc.). Further processing into another digital format (e.g., MP3, ATRAC, WMA, etc.) may be accomplished by routing the converted signals to SPC 40 or processor 34 (discussed in more detail below). On the other hand, if digital input signals are received at input buffer 44 and device 20 requires analog signals, the digital signals may be routed to SPC 40 or to a

dedicated digital-to-analog (D/A) converter (not shown) for conversion to the analog domain.

[0030] Processor 34 may route incoming signals from source 50 to memory 36, SPC 40, or directly to output buffer 42 depending on the circumstances. For example, some or all of the input signals received from source 50 may require further processing to meet the downloading specifications of device 20. In this case, the incoming signals that require processing may be routed to SPC 40 for such processing. For example, incoming MP3 or WMA signals may be routed to SPC 40 and converted to ATRAC format (or vice-versa). Once this conversion is complete, the resulting information may be stored in memory 36, or routed to output buffer 42 for programming in device 20. Input signals that do not require a format change may be routed directly from input buffer 44 to memory 36, or output buffer 42. Although not shown in FIG. 2, programmer 30 preferably has a display screen and a data input device, such as a keyboard associated with it so that a user may, among other things, browse and select files, monitor file transfers, and ensure that device 20 has properly received the selected files.

[0031] In one embodiment of the present invention, SPC 40 may be programmable so that the conversion and processing protocols contained therein may be periodically updated. Furthermore, in some embodiments, processor 34 may be programmed via software routines in programmable memory 36 to perform some or all of the functions of SPC 40. In this case, an SPC of reduced processing capacity may be used or SPC 40 may be removed altogether from programmer 30.

[0032] Audio signals may also be acquired and processed by programmer 30. Transducer 25 may acquire an acoustic signal from a stereo or other audio source and convert it to an electrical signal. This electrical signal may then be processed in a way similar to the way the above-described analog signal was processed. That is, the electrical signal may be routed to A/D converter 38 and/or SPC 40 and then stored in memory 36 or output buffer 42, for example.

[0033] It will be understood that the generalized system shown in FIG. 1 may be implemented in many ways. For example, as shown in FIG. 3, system 100 may be implemented using a computer-based architecture. In this case, some or all

of programmer 30 may be installed in or connected to a computer, such as a personal computer. For example, in FIG. 3, programmer 30 may be installed in an expansion slot and connected to an interface bus such as an ISA or PCI bus (not shown) in computer 60. In this configuration, programmer 30 may receive user-defined information via the interface bus in computer 60 and operate as described above with the interface bus acting as part of link 31. Some or all of programmer 30 may also be external to computer 60 and connected to it via a link similar to link 31 (not shown). Furthermore, in certain embodiments, some of the functions of programmer 30 may be distributed between computer 60 and programmer 30. For example, programmer 30 may be constructed such that it partially or fully relies on the processing capability of computer 60. In this type of embodiment, programmer 30 may be constructed without processor 34 or with a processor of reduced capacity. Programmer 30 may also be constructed such that it partially or fully relies on the memory capacity of computer 60. Moreover, signal processing functions such as those performed by SPC 40 could also be fully or partially carried out by circuitry or software resident within computer 60.

[0034] As shown in FIG. 3, computer 60 may be connected to Internet 80 through link 70. Link 70 may be, for example, a modem (e.g., any suitable analog or digital modem, cellular modem, or cable modem), a network interface link (e.g., an Ethernet link, token ring link, etc.), a wireless communications link (e.g., a wireless telephone link, a wireless Internet link, an infrared link, etc.), or any other suitable hard-wired or wireless communications link. With this configuration, a user may download information from Internet 80 (e.g., using electronic distribution (ED) services) and/or from a disc drive or other devices (not shown) connected to computer 60 and program that information into device 20 (via programmer 30 and link 32).

[0035] It will be understood, of course, that computer 60, with a suitable communications link, such as link 32, may be programmed with software to function as programmer 30. In this way, a user may take advantage of the fact that many of the components of programmer 30 are resident within computer 60. For example, computer 60 may contain a processor, such as processor 34 and programmable

memory circuitry such as memory 36. Computer 60 may also include signal processing circuitry such as SPC 40, or software that instructs processor 34 to perform the necessary format conversions. Computer 60 may include circuitry similar to input buffer 44 and output buffer 42. Such circuitry may include random access memory (RAM) or cache memory in computer 60. Computer 60 also may include internal or external A/D conversion circuitry, such as A/D converter 38, and an internal or external transducer 25.

[0036] As shown in FIG. 4a, computer 60, programmed to function as programmer 30, may be connected to Internet 80 through link 70 and to device 20 through link 32. This arrangement allows a user to select information from Internet 80 or from a storage device connected to computer 30 (not shown) for programming into device 20.

[0037] Using the generalized system shown in FIG. 4a, user-defined information may be programmed into device 20 in many ways. For example, computer 60 may be part of a communications network 95, such as a telephone network, that provides Internet and/or telephone access to programmable device 20 (shown in FIG. 4b). Communications network 95 may be provide hard-wired or wireless telephone or Internet access (or combination of the two). This arrangement is generally illustrated in FIG. 4b as architecture 200, in which computer 90, for the sake of clarity, represents computer 60, configured at least in part, to function as programmer 30.

[0038] With this configuration, a user of device 20 may access Internet 80 and select information for downloading into device 20. It will be understood, however, that in this implementation, at least a portion of computer 90 is configured to function as programmer 30, and that computer 90 may continue to perform other functions such as communicating with network computers 82, communicating with Internet 80, interfacing with external telephone network 84, and coordinating wireless Internet and telephone access etc., in addition to performing some or all of the above-described programming functions.

[0039] In operation, computer 90 may communicate with device 20 to determine its format requirements and perform any conversions necessary to make

user-selected information compatible with those requirements. This allows a user to select information, such as audio and/or video, that is available on the Internet or on a remote network computer, and program that information into device 20. This may be accomplished via communications link 33 (which may be any type of link previously described as suitable for link 32). For example, a user may wish to download video images from an Internet site to a hand-held computer, such as a PDA, or to a wireless telephone. The user may communicate with computer 90 via a wireless link 33 and select information from Internet 80 using an Internet browser installed in device 20. Such a browser may be a Wireless Application Protocol (WAP) compliant browser for supporting wireless Internet services. Computer 90 ensures format compatibility of the information, transmits the information to device 20, and may communicate with device 20 to confirm that the selected information has been properly received. Device 20 may provide a visual, audio, or tactile output to indicate the requested information has been successfully received.

[0040] Computer 90 may also coordinate information downloading with respect to the memory capacity of device 20. For example, if the user-selected information exceeds the available memory of device 20, computer 90 may inform the user, via link 33, that the selected information is larger than the available memory. In such an event, the user may be prompted to cancel or modify the information request. In certain instances, however, the user may instruct computer 90 to provide the information in a "scrolling" fashion (i.e., provide it in portions) so that all the requested information may be reviewed, albeit in sections. This may be particularly desirable in instances where large files, such as video files, are requested.

[0041] In some embodiments of the present invention, computer 90 may simply contact a remote computer or Internet site to fulfill requests for audio or video information in a particular format. Such web sites or remote computers may act as virtual "jukeboxes" of video and audio information, containing extensive lists of such information in a variety of formats available for downloading. Using this approach, a user may select a particular piece of information in a certain format from a list displayed on a screen of programmable device 20. Computer 90 may receive this as

a request via link 33 and handle the information transfer to device 20. In some embodiments, format selection may be transparent to the user. That is, the user may simply request a piece of information and computer 90 may determine and then request information in a format appropriate for the requesting device.

[0042] In another embodiment, a remote computer or Internet site may perform a format conversion of information requested by computer 90 or device 20. For example, a user may access an Internet site or remote computer using communications network 95 and enter a title or description of the desired audio or video information along with format requirements. The remote computer or Internet site may then search the Internet or other databases to find a file that matches the user's description. Once this file is found, the Internet site or remote computer may convert that file to the requested format, (using a system similar to the described above) and provide it to device 20 via computer 90 and/or link 33. It will be understood, of course, that embodiments such as these are within the scope of the present invention.

[0043] If desired, a user may also employ the systems shown in FIGS. 4a and 4b to download remotely stored information such as Internet access information to device 20. For example, a user may have customized bookmarks or web page addresses stored in a remote personal computer or on Internet 80. The user may employ wireless link 32 or 33 to contact that remote computer or Internet site and then download the Internet access information for use in device 20. This feature is desirable because it relieves the user of the burden of having to type in complicated Internet access information from the small keyboard of a wireless telephone or hand-held computer. It also spares the user from having to re-enter customized Internet information that is already present in another location, into their electronic device. Moreover, such a feature is convenient when a user wishes to access information on a remote computer that is not currently available in device 20. For example, a user may wish to view spreadsheet information stored on a remote computer with device 20. Rather than having to download this information from a hard-wired access point, a user may simply employ wireless link 33 (e.g., a wireless

modem or Internet connection) to access that remote computer or Internet site and download that information to device 20.

[0044] Another feature which may be implemented using the embodiments shown in FIGS. 4a and 4b is a "signature" feature. This allows device 20 to send user-defined information, which may be indicative of the user's personal taste or identity, along with other information when performing certain functions. For example, if a user is placing a wireless telephone call or paging someone with device 20, he or she may select the signature feature in order to send user-defined audio or video along with, or prior to, that call. A user may accomplish this by browsing through a menu on device 20 that displays available signature options, and by choosing a particular file (not shown). If the user chooses an audio file, for example, device 20 may send that selected audio file when a call or page is placed (or a period of time before the call or page is placed). This audio file may temporarily replace the "ring sequence" of the device receiving the incoming call so that the person receiving the incoming call will be alerted by hearing the audio file sent by the caller. The person receiving the call may be able to discern the identity of the caller or other information from the audio file. After the call is complete, the ring sequence of the receiving device may be returned to its former configuration (either by computer 60 or by the receiving device).

[0045] In another embodiment, a user may program certain audio or video files into device 20 that are activated when a certain person calls. For example, a user may program device 20 so that certain signature files are played in response to receiving a characteristic indicative of the caller, such as the caller's telephone number. In this way, a user will be able to identify the caller by the sound and/or display generated by device 20. Users may also program signatures in device 20 to be played at predetermined times. For example, a user (or caller) may program "Happy Birthday" or "Jingle Bells" into device 20 to play on a certain day, or may program device 20 to play a certain signature file at specified time (e.g., as an alarm).

[0046] In yet another embodiment, a user, when placing a call, may invoke a menu on device 20, which displays a list of signature files available for the person

being called. This list may be defined by the person receiving the call. For example, the person receiving the call may create a signature file list by selecting certain audio and/or video files and placing them in a database of a remote computer such as computer 90 by using, for example, a personal computer connected to the Internet. In some embodiments, signature files may also be stored in a device 20 of the person receiving the call. In this implementation, a list of signature file names may be stored in computer 90 so that a caller may browse the names of signature files stored in the device of the person receiving the call. Signature files may also be stored in a combination of both computer 90 and device 20.

[0047] In some embodiments, the signature information may not necessarily be user-defined. For example, a list of pre-selected signature files may be stored on computer 90 or a remote computer from which a user of device 20 may choose. Such a list may be created by a wireless service provider, an Internet provider, an Internet site, or a manufacturer of the wireless telephone.

[0048] With these implementations, the caller may simply select a signature file from the displayed list. The selected file is then sent along with the call by computer 90 (if the selected signature file is stored in computer 90) or associated with the incoming call at device 20 (if the selected signature file is stored in device 20). In some embodiments, the caller may be able to preview signatures before sending them. For example, computer 90 may send the selected signature file to the caller for his or her review.

[0049] In systems that have a video capability, a video file containing a video clip or frame may be sent instead of or in addition to the audio sample. This may be accomplished by selecting a video option from a signature menu and choosing a video file. In this case, the person receiving the call is alerted by seeing or hearing the video clip and/or associated audio. It will be appreciated that a video clip may have its own audio portion associated with it so that the video clip (or frame) by itself would be sufficient to alert the person receiving the incoming call.

[0050] The above-described signature feature may be implemented in many ways. In some embodiments, for example, the audio or video signatures may be stored in (the caller's) device 20 and sent along with the outgoing call or page via

link 33 and computer 90. In other embodiments, however, the signature information may be stored in computer 90 and associated with the outgoing call when it is processed by computer 90. This type of embodiment may be implemented when it is desired to conserve memory space within device 20. In still other embodiments, signature information may be stored in both device 20 and computer 90. In any case, computer 90 may determine the format requirements of the device receiving the incoming call or page and convert the accompanying signature information into a suitable format.

[0051] Another implementation of a system in accordance with this invention may use an architecture 300, which is shown in FIG. 5. Using this arrangement, programmer 30 (or similar circuitry) may be embedded within programmable device 20. User-defined information may be provided to device 20 from source 50 via link 32. Such information may be routed to programmer 30, which may perform some or all of the above-described functions.

[0052] If source 50 is an acoustic source, however, link 32 may not be needed. For example, if a user desires to program an acoustic sound into device 20, the user may place a transducer 25, (e.g., a speaker/ microphone existing within or external to device 20) near the acoustic signal source, place device 20 into an "acquisition mode," and record an audio sample. In this case, transducer 25 converts the acoustic signal into an electrical signal, which is provided to programmer 30 for processing and possibly storage within device 20. A visual, audio, or tactile output may be provided by device 20 to indicate a sample has been successfully loaded. A user may employ transducer 25 to acquire and record, for example, a verbal message or sound effect (e.g., laughter, crying, sneezing, etc.) for use as a signature file.

[0053] Other embodiments of the present invention may use the embedded architecture of system 400 as shown in FIG. 6. Using this arrangement, user-defined information may be requested by device 20 via link 32 and computer 60. With this approach, a user may select information from Internet 80 or a remote computer and perform any necessary format conversion within device 20.

[0054] In addition to selecting user-defined information with programmer 30, a user may customize that information by performing various editing procedures. For example, a user may find an audio track or video clip that suits his or her taste. It may be desired, however, to utilize only a portion of that track or clip. In this case, a user may edit or "sample" a portion of the information to obtain the desired segment. For example, a user may wish to sample a few bars of a popular song and send it along as signature information when making a wireless telephone call. Such editing may be accomplished, for example, by using an application program with programmer 30 or by using known software with computer 60. Furthermore, once the user has edited a particular piece of information, he or she may be given the option to review the piece to ensure it is acceptable. When a user is satisfied with an edited segment, he or she may save it and be given an opportunity to "name" that segment, so that it may be readily identified later by a user of device 20.

[0055] It will be appreciated that various other types of editing procedures are also possible. For example, a user may combine and/or tither edit the content of segments of information. This may be accomplished using "cut and paste" routines in an application program. Other types of revisions may include modifying the color or content of a portion of video clip or frame, as well as editing the audio track that accompanies a video clip or frame. It may also include revising or combining audio segments or creating customized audio segments to accompany video clips or frames.

[0056] In some instances, a user may wish to download large portions of copyrighted audio or video. To prevent improper usage of such material, programmer 30 may include copyright protection software such as software that conforms with the Secure Digital Music Initiative (SDMI). Generally speaking, this may allow an owner of such material to "check out" a finite number of copies so that unauthorized distribution is prevented.

[0057] A schematic diagram of a portion of a wireless telephone 500 that can receive and play user-defined audio and/or video is shown in FIG. 7. As illustrated in FIG. 7, telephone 500 may include antenna 510, receiver/ transmitter

(R/T) circuit 520, processor 530, communications interface 532, speaker/transducer 540, alerting circuit 550, and optionally, programmer 30 (or similar circuitry).

[0058] A user may program information into telephone 500 in several ways. For example, a user may connect telephone 500 to an external programmer 30 (not shown in FIG. 7) via link 32 to program user-defined audio or video in telephone 500 as described above. Processor 530 may route this information to alerting circuit 550 for storage and subsequent use. Afterwards, the user may configure telephone 500 to play a certain user-defined audio file stored in alerting circuit 550 when receiving an incoming call. Thus, when a call is received, processor 530 may instruct alerting circuit 550 to play the selected file through speaker 540. If a video file is chosen, processor 530 may instruct alerting circuit 550 to play the user-selected video file through a display screen on the telephone (not shown). Alerting circuit 550 may include programmable memory circuitry for storing user-defined information and driver circuitry (not shown) for driving speaker 540 and/or a display screen on telephone 500. Telephone 500 may also receive user-defined information from communications network 95 via link 33 and antenna 510. With this implementation, user defined information, such as a signature file, may be received by antenna 510 and demodulated with R/T circuit 520. Processor 530 may then route the demodulated signals to an appropriate location. In the case of a signature file, for example, processor 530 may check the format of the incoming file to ensure it is compatible with the format required by alerting circuit 550. If the format is compatible, the incoming file may be routed to alerting 550 for storage and subsequent use or to speaker 540 for immediate playing. If the format is not compatible, the incoming file may be routed to programmer 30 for conversion. After conversion is complete, processor 530 may instruct programmer 30 to route the converted file to speaker 540 or alerting circuit 550. If a video file was sent as a signature file, processor 530 may instruct alerting circuit 550 to play the user-selected video file through a display in telephone 500 (not shown). In some embodiments, speaker 540 may be an enhanced performance speaker (as compared to those currently installed in telephones) with a capacity for generating a full range of audio sounds. Moreover, it will be understood that circuitry similar to

that shown in FIG. 7 may be installed for use in other communication devices such as PDA's, pagers, notebook computers, etc.

[0059] Some of the steps involved in programming user-defined information into programmable device 20 as described herein are illustrated in the flow chart of FIGS. 8-9. It will be understood that although programmer 30 is used in the following description, computer/programmer 90 may also perform some or all of these (or similar) steps.

[0060] At step 100 in FIG. 8, programmer 30 allows the user to browse information for potential programming into device 20. As mentioned above, this may include browsing audio/video information on the Internet, or on a hard, floppy, or optical disc drive of a computer. At step 102, the user may choose certain files for programming into device 20. Next, at step 104, programmer 30 may determine the format requirements of device 20 and compare the format of the selected files to that specified by device 20. This may be accomplished, for example, by electronically polling device 20. At step 105, if the formats are compatible, programmer 30 may go directly to step 108. If the formats are not compatible, at step 106, programmer 30 may convert the selected files to a format compatible with device 20. In some embodiments, the user may be prompted to confirm that the conversion should be performed. In addition, programmer 30 may also prompt the user to supply a name for the converted file. Moreover, if the selected file cannot be converted, programmer 30 may so inform the user.

[0061] Next, programmer 30 provides the user with an option of editing the contents of the resulting files at step 108. If desired, the user may first review the converted file to determine if editing is warranted. At step 109, if the user chooses not to edit the file, programmer 30 may go directly to step 112 (shown in FIG. 9). If the user decides to edit the file, he or she may do so at step 110. When finished editing, the user may be given the option of reviewing the file at step 111 by returning to step 108 to determine whether the file is acceptable or requires further revision. Programmer 30 may alternate between steps 108-110 until the user is satisfied with the resulting file. When editing is complete, programmer 30 provides the user with the option of programming the file into device 20 at step 112. At this

point, (step 113) the user may exit the program at step 114 or return to step 100 to browse more information.

[0062] It will be understood that these steps are merely illustrative, and are not meant to be comprehensive or necessarily performed in the order shown. For example, it may be desired to edit a file already stored in device 20. In this case, a user may bypass steps 100-106 and go directly to step 108. In some embodiments, selected files may be revised before converting them to format compatible with device 20. This may be desirable when the file's original format facilitates the editing process. In addition, programmer 30 may determine the format requirements of device 20 at any time before the conversion occurs. A user may also name or revise the name of a selected file at any time.

[0063] Some of the steps involved in sending signature files to programmable device 20 as described herein are illustrated in the flow chart of FIGS. 10-12.

[0064] At step 150 in FIG. 10, device 20 allows the user to browse signature files for potential transmission to device 20 of the person receiving the call (hereinafter the "receiver"). At step 150, the user may be provided with option of creating a new signature file if a suitable signature file not found on the list. At step 154 the user may select a signature file. Once a signature file is selected, computer 90, at step 156, may determine the location of the selected signature file. Such locations may include, but are not limited to, the caller's device 20, the receiver's device 20, or computer 90.

[0065] If computer 90 determines that the signature file is located in the user's device 20 (i.e. the caller's device 20) computer 90 may retrieve that file from the user's device 20 at step 158. Next, computer 90 may compare the format requirements of the receiver's device 20 with the format of the retrieved file to determine if they are compatible at step 160. If the formats are compatible, computer 90 may go directly to step 164. If the formats are not compatible, computer 90 may convert the signature file to an acceptable format at step 162. At step 164, the signature file may be sent along with, or somewhat before, the outgoing call. At step 166, the receiver's device 20 may replace its ring sequence

with the signature file and play the signature file. At step 167, the receiver's ring sequence may be returned to its original setting and the program may exit.

[0066] If, however, the signature file is located in computer 90 (step 156), computer 90 may retrieve that file at step 168 (FIG. 11). Next, computer 90 may compare the format requirements of the receiver's device 20 with the format of the retrieved file to determine if they are compatible at step 170. If the formats are compatible, computer 90 may go directly to step 174. If the formats are not compatible, computer 90 may convert the signature file to an acceptable format at step 172. At step 174, the signature file may be sent along with, or somewhat before, the outgoing call. At step 176, the receiver's device 20 may replace its ring sequence with the signature file and play the signature file. At step 177 the receiver's ring sequence may return to its original setting and the program may exit.

[0067] On the other hand, if computer 90 determines at step 156 that the signature file is located in the receiver's device 20, computer 90 may transmit an indicia indicative of the selected file to the receiver's device 20 along with the outgoing call at step 178 (FIG. 12). Next, the receiver's device 20 may associate a signature file that corresponds to the indicia, replace its ring sequence with that signature file, and play that signature file at step 180. At step 182, the receiver's ring sequence may be returned to its original setting and the program may exit. It is assumed for the purposes of this illustration that signature files stored in the receiver's device 20 are already in a suitable format. However, if this is not the case, a conversion step may be added between step 178 and step 180 (not shown).

[0068] It will be understood that these steps are merely illustrative, and are not meant to be comprehensive or necessarily performed in the order shown. For example, computer 90 may determine the format requirements of device 20 at any time before the conversion occurs.

[0069] Thus, it is seen that a device for programming user-defined information into an electronic device is provided. The programmer allows a user to program customized information, such as audio, video, or Internet access information into his or programmable device. This allows a user to, among other things, customize his or her device to suit the user's particular taste. It will be

understood that the foregoing is only illustrative of the principles of the invention, and that various modifications can be made by those skilled in the art without departing from the scope and spirit of the invention. For example, it is not necessary that programmable memory within device be a fixed programmable memory. That is, a removable memory module may be programmed externally from a given programmable device and subsequently installed in that device. Furthermore, the many aspects of the invention are suitable for use with hard-wired, cordless, or wireless communications devices. For example, user-defined audio and video and signature files may be used with hard-wired or cordless telephone systems. Accordingly, such embodiments will be recognized as within the scope of the present invention.

[0070] Persons skilled in the art will appreciate that the present invention can be practiced by other than the described embodiments, which are presented for purposes of illustration rather than of limitation, and the present invention is limited only by the claims which follow.

WHAT IS CLAIMED IS:

1. A method of providing an audio file to a communications device, the method comprising:

providing to a browser of a communications device, a listing of multiple audio files, wherein at least one of the audio files in the listing of multiple audio files is available in two or more different digital formats;

receiving an electronic request from the communications device that identifies a first audio file that is available in the two or more different digital formats;

automatically identifying with computer hardware comprising one or more computer processors, at least one digital format that is compatible with the communications device;

comparing the digital format that is compatible with the wireless device with the two or more different digital formats of the first audio file to identify at least a first compatible digital format; and

transferring to the communications device, at least the first compatible digital format of the first audio file.

2. The method of Claim 1 wherein automatically identifying the at least one digital format that is compatible with the communications device is transparent to a user of the communications device.

3. The method of Claim 1 wherein automatically identifying the at least one digital format that is compatible with the communications device comprises polling the communications device to automatically identify the first compatible digital format.

4. The method of Claim 1 wherein the communications device is a wireless communications device.

5. The method of Claim 1 wherein the first compatible digital format of the first audio file is at least one of the group consisting of: Music Instrument Digital Interface (MIDI), Motion Pictures Expert Group (MPEG), MPEG 2 layer 3 (MP3), Waveform audio file (WAV), Pulse Code Modulated (PCM), Windows Media Audio code (WMA), or Adaptive Transform Acoustic Coding (ATRAC).

6. The method of Claim 1 further comprising allowing the user to search for the first audio file with the browser.

7. The method of Claim 1 wherein the browser is an internet browser.

8. The method of Claim 1 wherein the browser is a Wireless Application Protocol (WAP) compliant browser.

9. The method of Claim 1 wherein the first audio file is configured to be used as an indicia of an incoming communication.

10. A system that provides an audio file to a communications device, the system comprising:

one or more computer processors configured to provide to a browser of a communications device, a listing of multiple audio files, wherein at least one of the audio files in the listing of the multiple audio files is available in two or more different digital formats;

one or more computer processors configured to receive an electronic request from the communications device that identifies a first audio file that is available in the two or more different digital formats;

one or more computer processors configured to automatically identify at least one digital format that is compatible with the communications device;

one or more computer processors configured to compare the digital format that is compatible with the wireless device with the two or more different digital formats of the first audio file to identify at least a first compatible digital format; and

one or more computer processors configured to transfer to the communications device, at least the first compatible digital format of the first audio file.

11. The system of Claim 10 wherein automatically identifying the at least one digital format that is compatible with the communications device is transparent to a user of the communications device.

12. The system of Claim 10 wherein automatically identifying the at least one digital format that is compatible with the communications device comprises polling the communications device.

13. The system of Claim 10 wherein the communications device is a wireless communications device.

14. The system of Claim 10 wherein the digital format of the first audio file is at least one of the group consisting of: Music Instrument Digital Interface (MIDI), Motion Pictures Expert Group (MPEG), MPEG 2 layer 3 (MP3), Waveform audio file (WAV), Pulse Code Modulated (PCM), Windows Media Audio code (WMA), or Adaptive Transform Acoustic Coding (ATRAC).

15. The system of Claim 10 wherein one or more computer processors are configured to allow the user to search for the first audio file with the browser.

16. The system of Claim 10 wherein the browser is an internet browser.

17. The system of Claim 10 wherein the browser is a Wireless Application Protocol (WAP) compliant browser.

18. The system of Claim 10 wherein the first audio file is configured for use as an indicia of an incoming communication.

METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED
INFORMATION INTO ELECTRONIC DEVICES

ABSTRACT OF THE DISCLOSURE

A device for programming user-defined information into an electronic device is provided. The programmer allows a user to program customized information, such as user-selected audio, video, or Internet access information into his or her programmable device. Such electronic devices include wireless telephones, pagers, and personal digital assistants. The programmer allows a user to, among other things, customize the device to suit his or her particular taste.

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120811

10

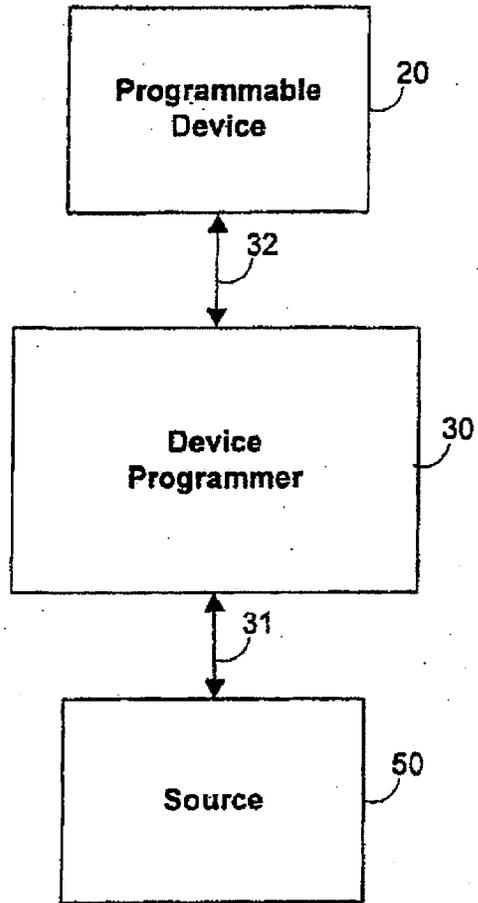


FIG. 1

30

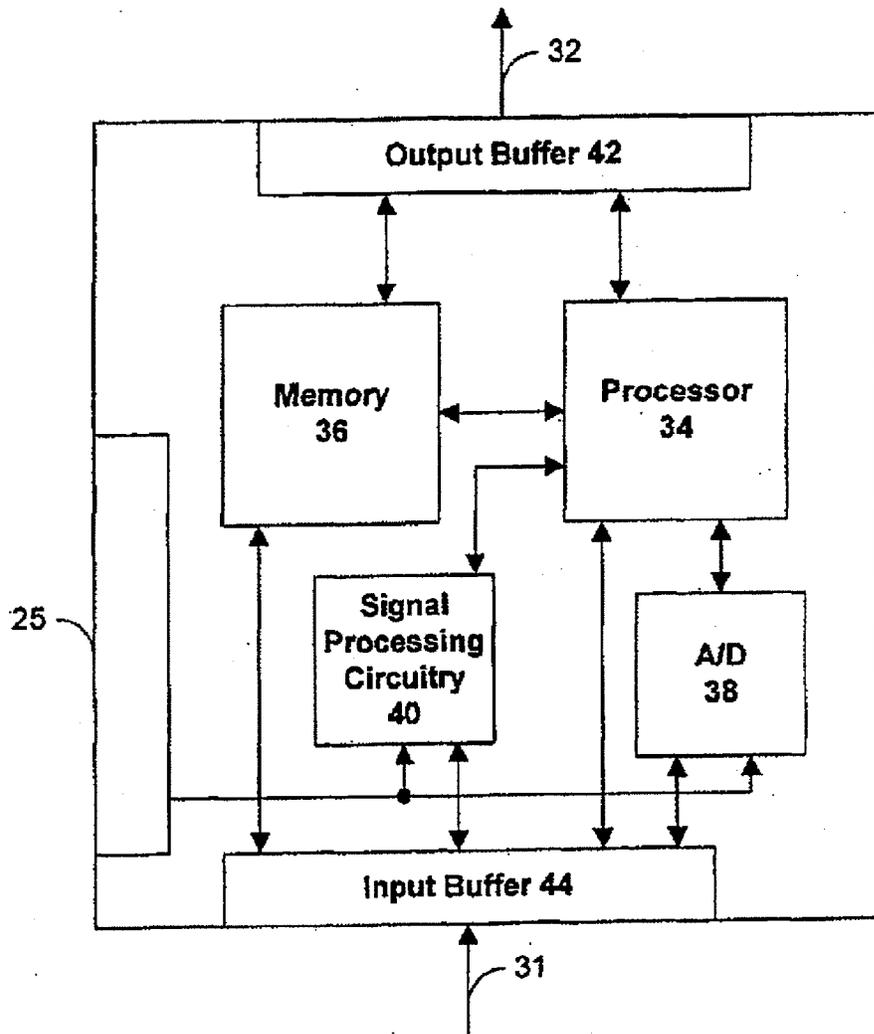


FIG. 2

100

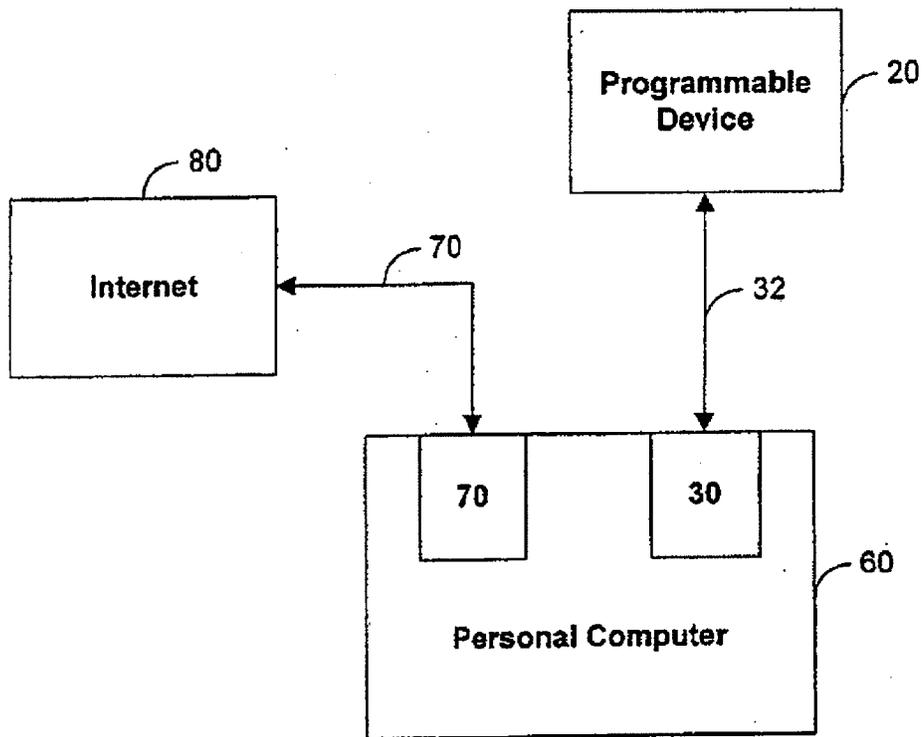


FIG. 3

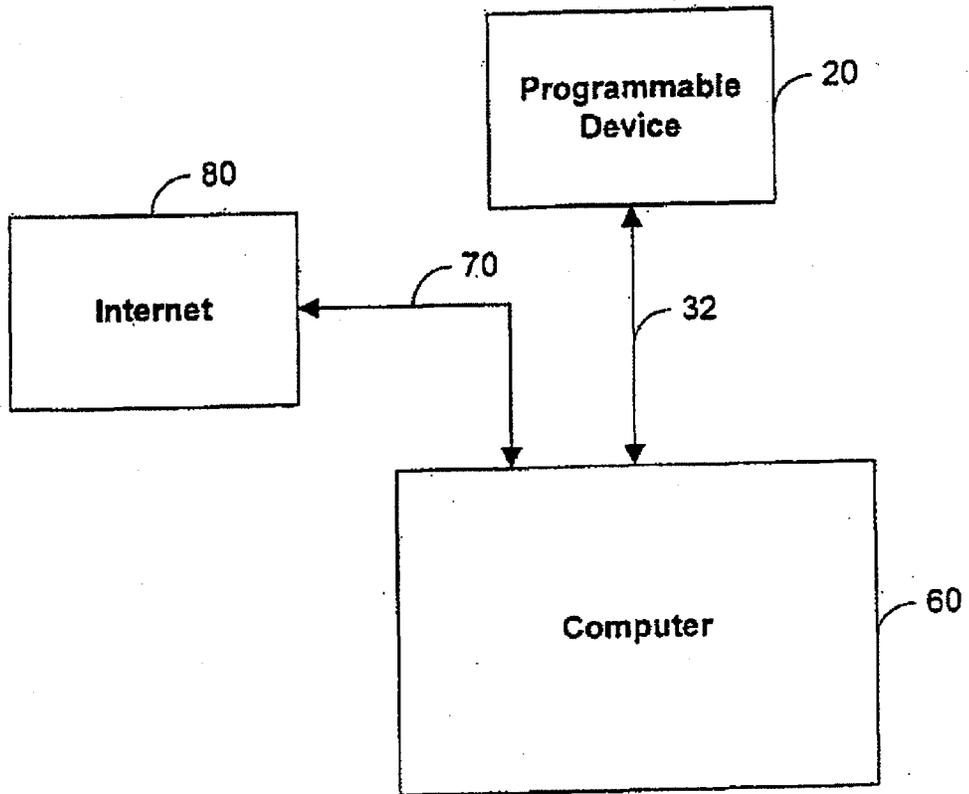


FIG. 4A

200

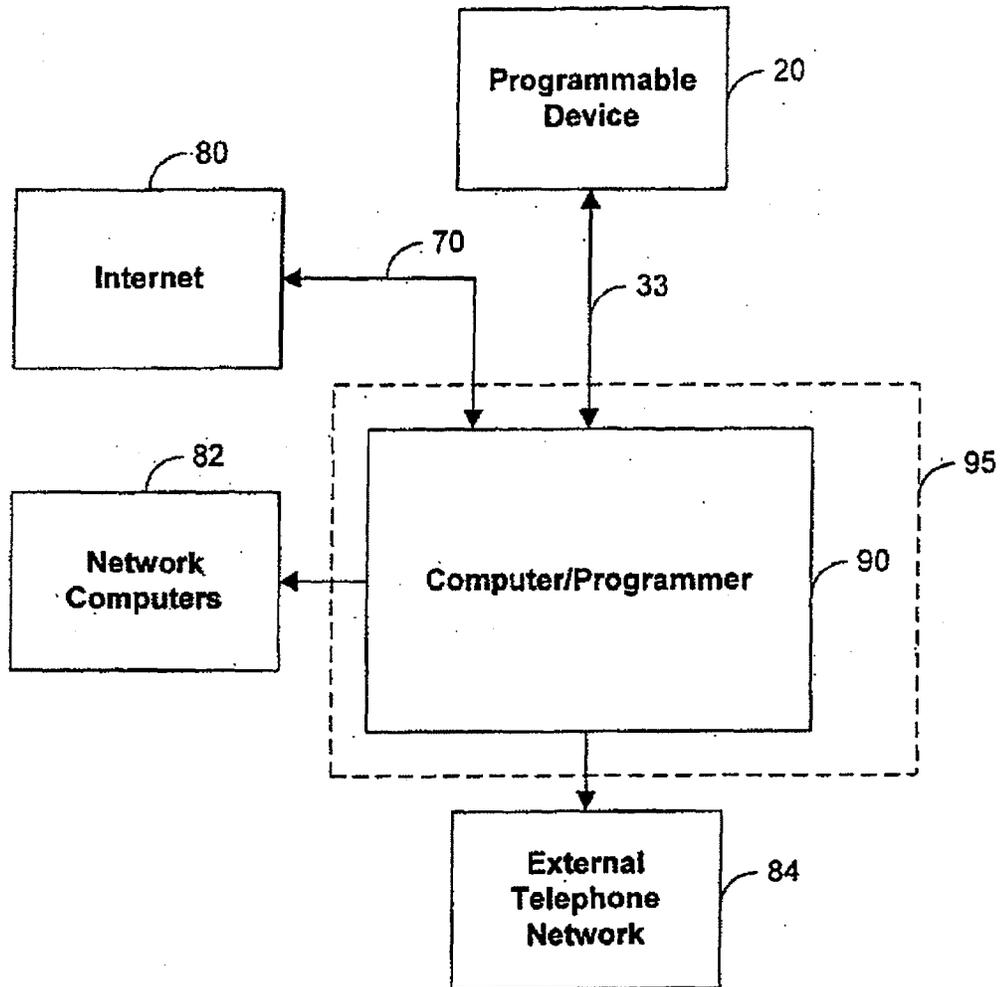


FIG. 4B

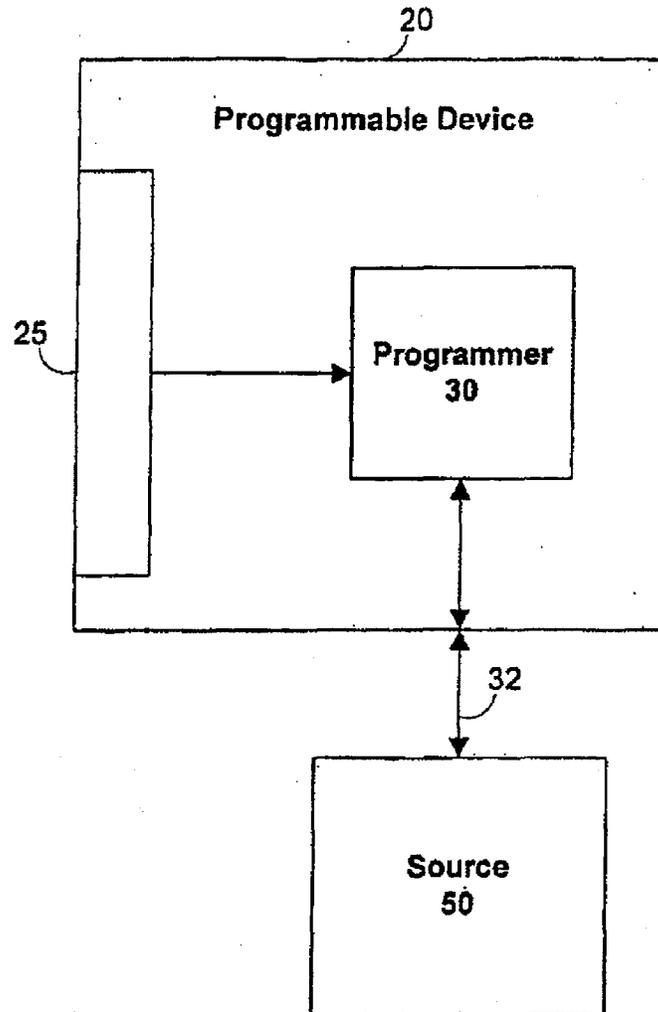


FIG. 5

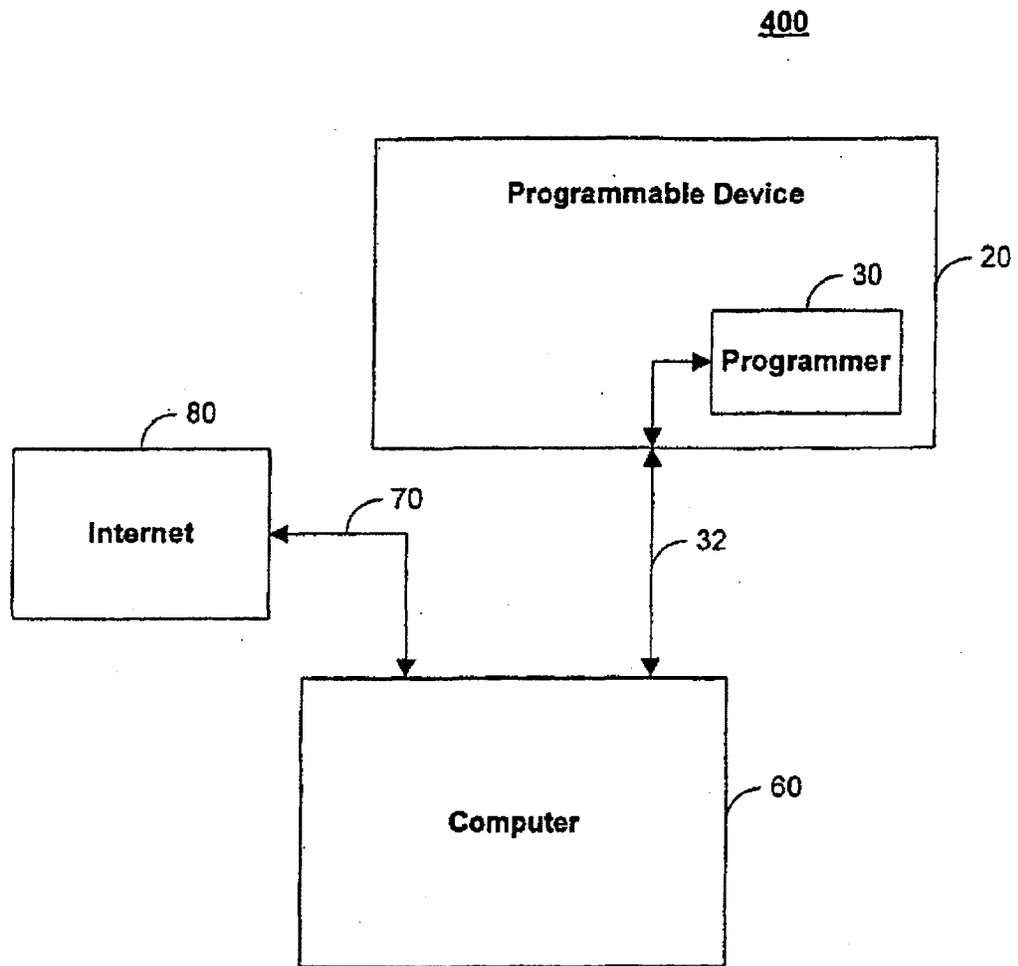


FIG. 6

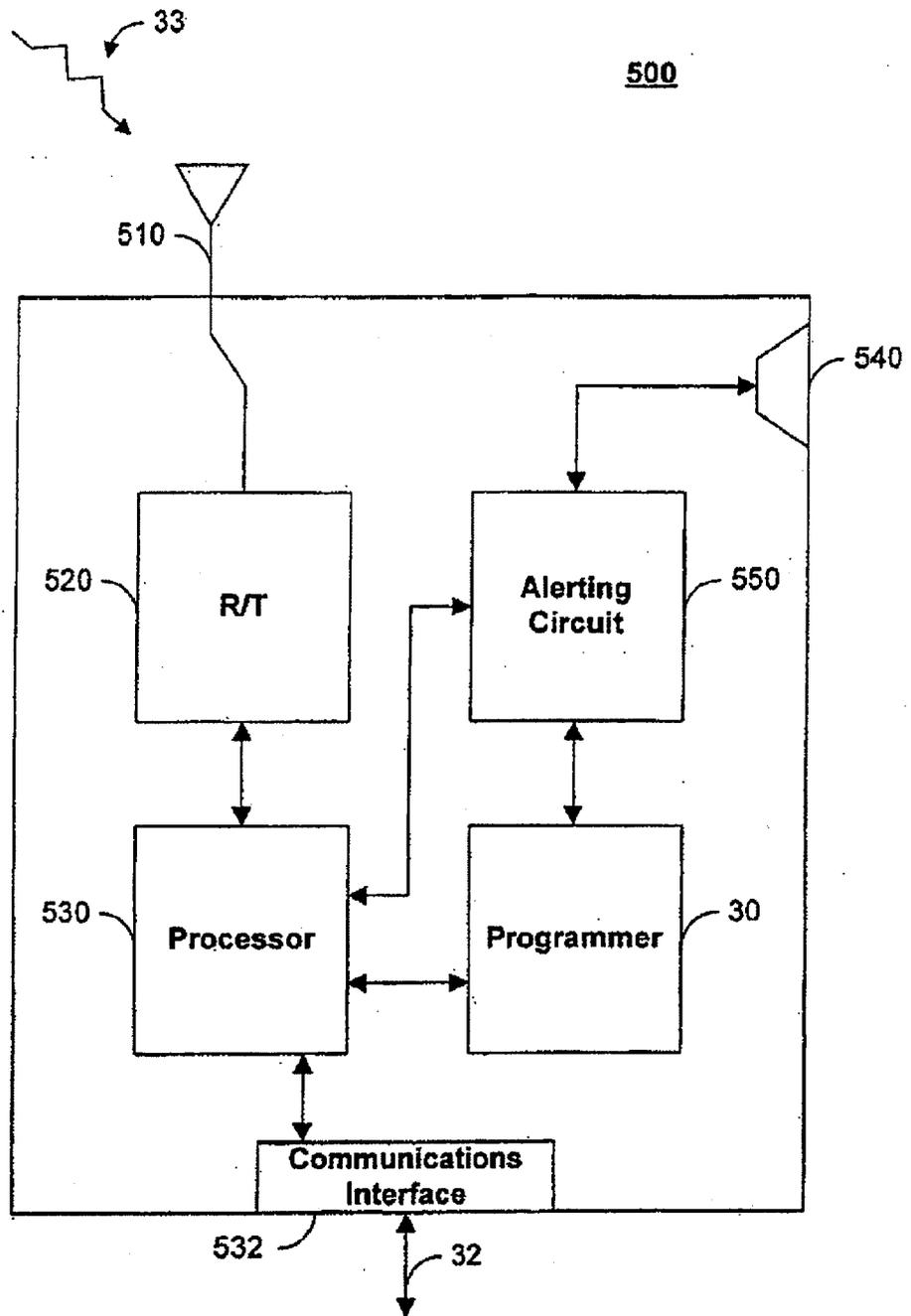


FIG. 7

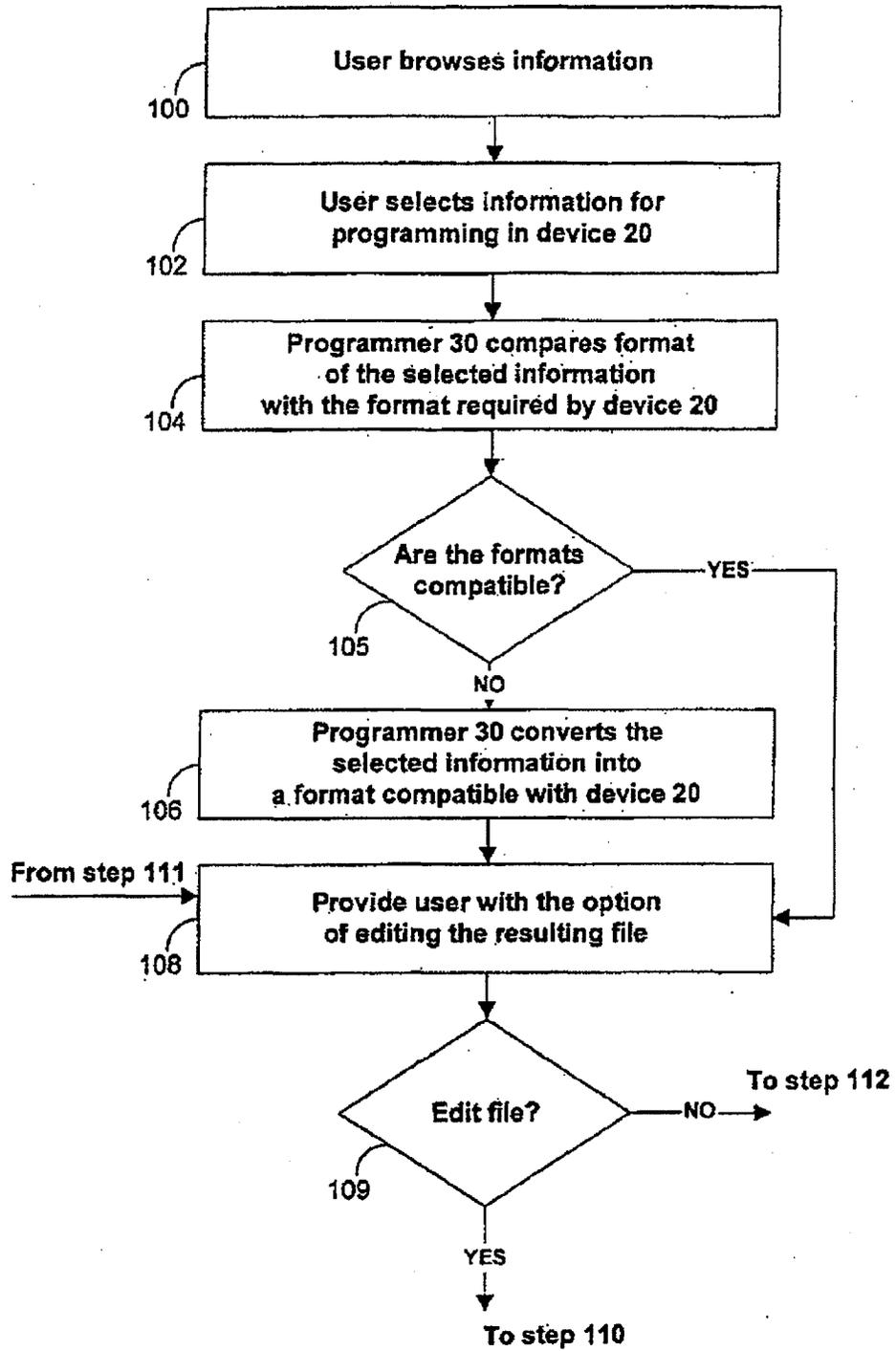


FIG. 8

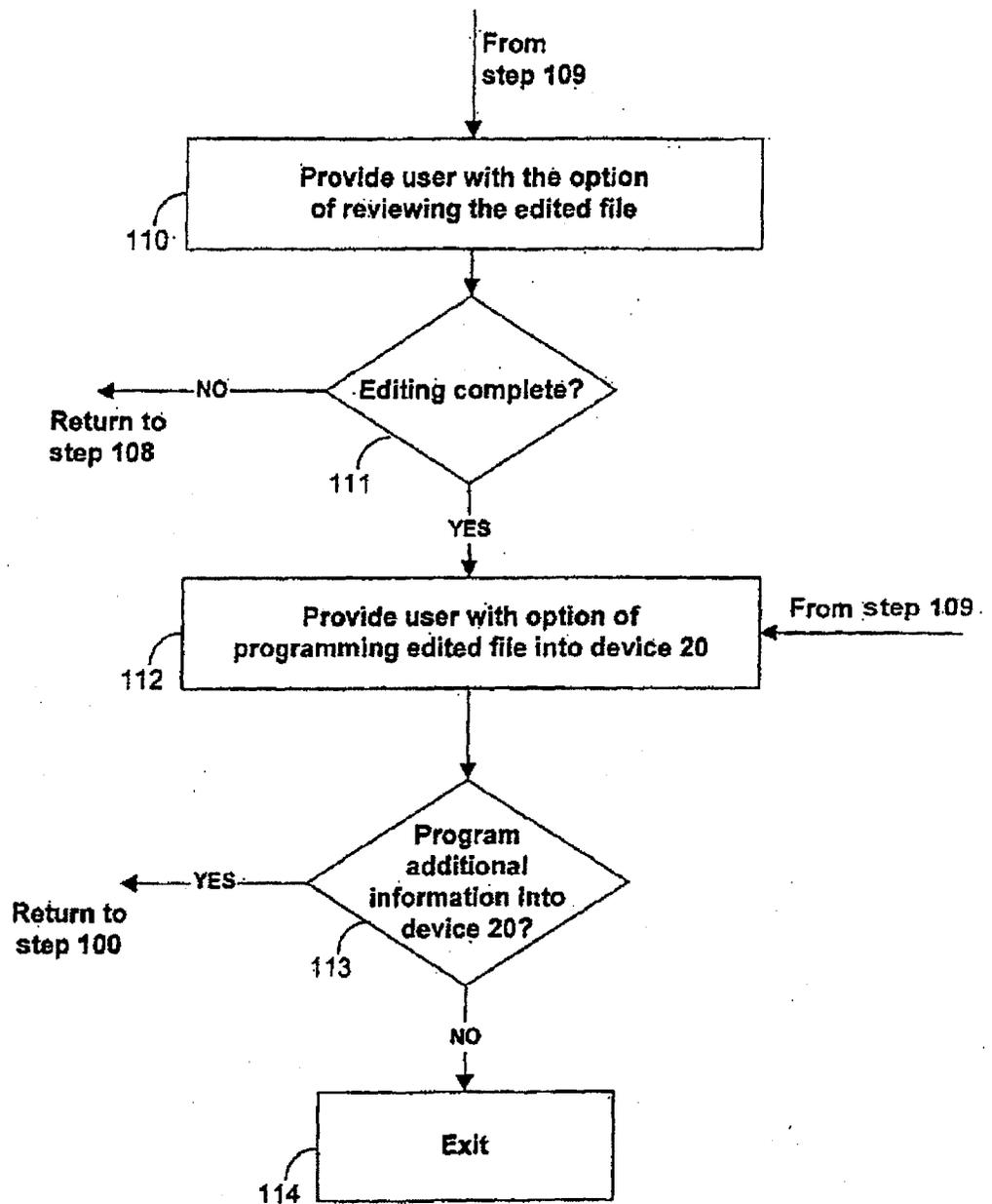


FIG. 9

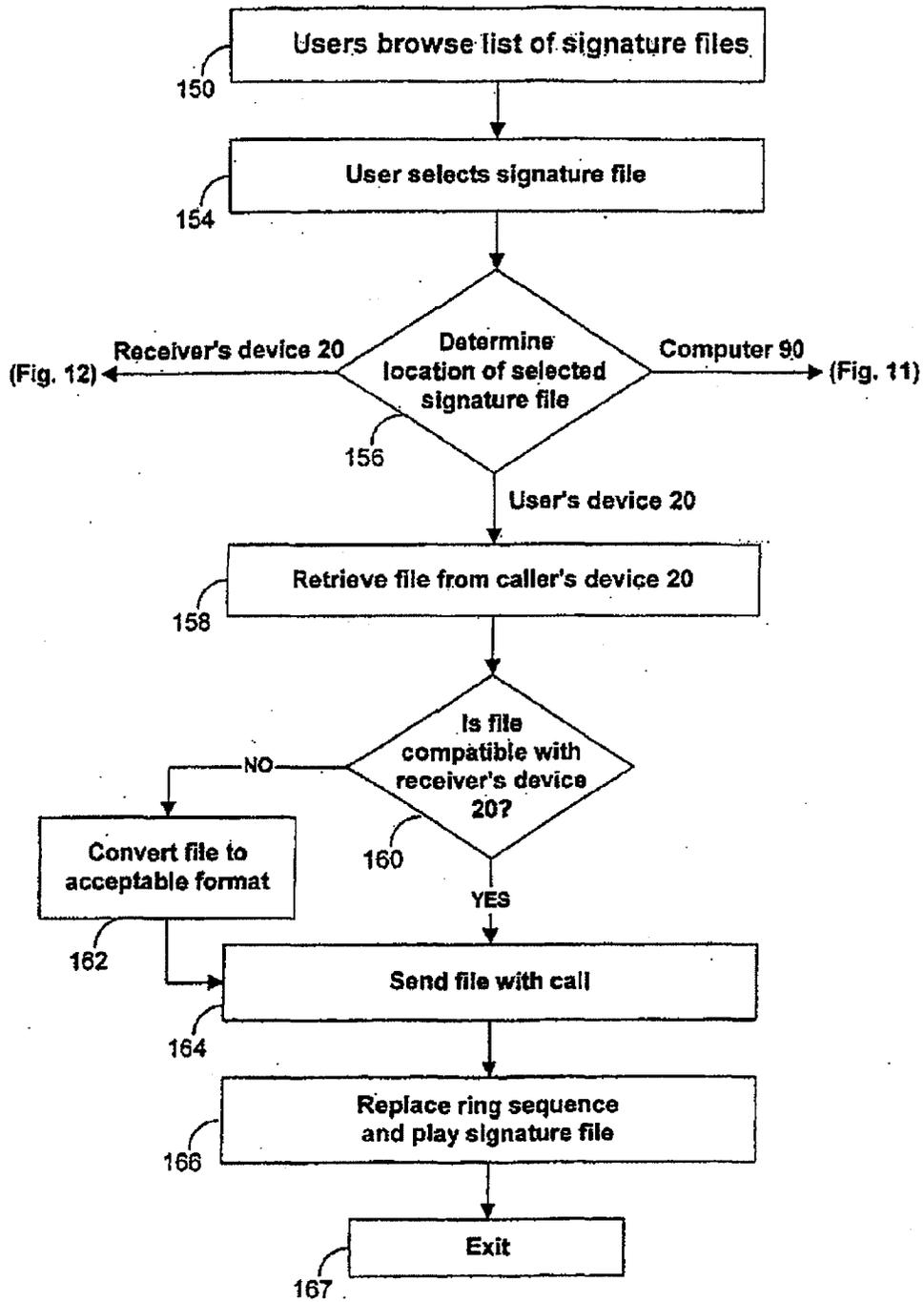


FIG. 10

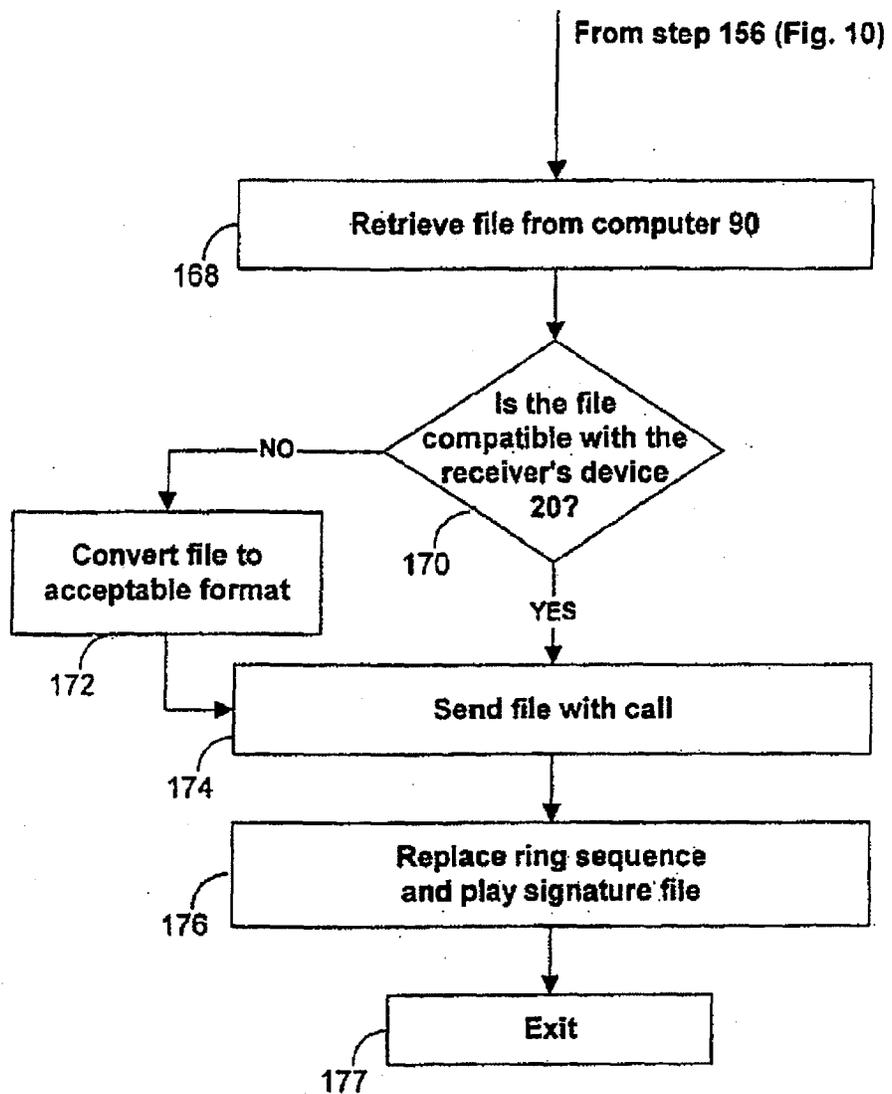


FIG. 11

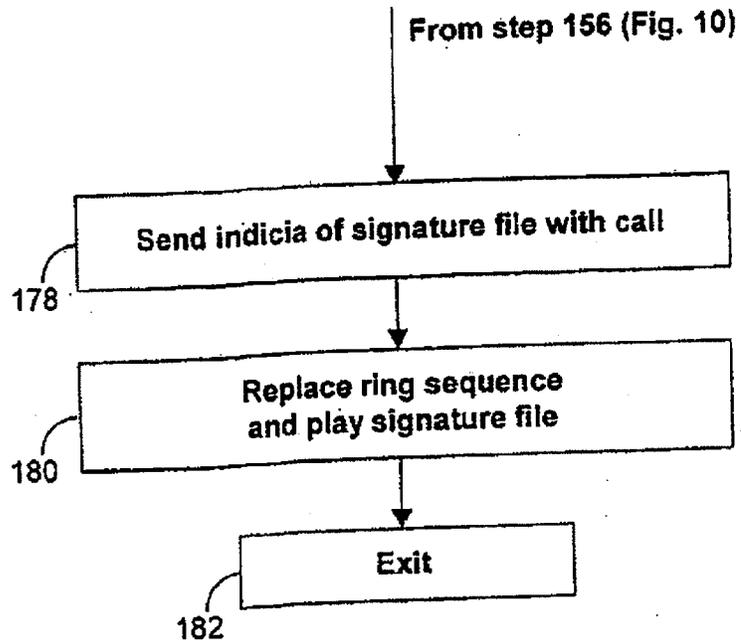


FIG. 12

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name;

I believe I am an original, first, and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHODS AND APPARATUSES FOR PROGRAMMING
USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES

the specification of which

is attached hereto

was filed on _____ as
Application Serial No. _____

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I do not know and do not believe that the invention was ever patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application.

I do not know and do not believe that the invention was in public use or on sale in the United States of America more than one year prior to this application.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known by me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority
Claimed

(Number) (Country) (Filing Date)

Yes No

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

60/169,158 December 6, 1999
(Application Serial No.) (Filing Date)

09/518,846 March 3, 2000
(Application Serial No.) (Filing Date)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known by me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

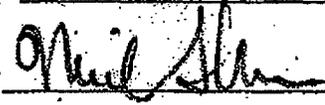
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
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Send correspondence to: Michael E. Shanahan
P.O. Box 381
Nyack, N.Y., 10960

Direct telephone calls to: Michael E. Shanahan
(914) 261-1160

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

Full name of first inventor Michael E. Shanahan

First inventor's signature 

6/20/03
Date

Residence 783 Route 9W South
Nyack, New York, 10960

Citizenship United States

Post Office Address P.O. Box 381 Nyack N.Y., 10960

Electronic Patent Application Fee Transmittal

Application Number:				
Filing Date:				
Title of Invention:	METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES			
First Named Inventor/Applicant Name:	Michael E. Shanahan			
Filer:	John R. King/Amy Durrant			
Attorney Docket Number:	PREMM.001A2C8			
Filed as Small Entity				
Utility under 35 USC 111(a) Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Utility filing Fee (Electronic filing)	4011	1	95	95
Utility Search Fee	2111	1	310	310
Utility Examination Fee	2311	1	125	125
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				530

Electronic Acknowledgement Receipt

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Application Number:	13316203
International Application Number:	
Confirmation Number:	1697
Title of Invention:	METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES
First Named Inventor/Applicant Name:	Michael E. Shanahan
Customer Number:	20995
Filer:	John R. King/Jessica Egigian
Filer Authorized By:	John R. King
Attorney Docket Number:	PREMM.001A2C8
Receipt Date:	09-DEC-2011
Filing Date:	
Time Stamp:	18:03:21
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$530
RAM confirmation Number	5182
Deposit Account	
Authorized User	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
		245			

1	Application Data Sheet	PREMM-001A2C8_ADS.pdf	1023958 33ce137ade3e345dfefebef68bb25bdad2a4216297	no	5
Warnings:					
Information:					
2		PREMM-001A2C8_specification.pdf	1227993 4ca7f103177b7b375ca5201befb2ae3ee5f00cfd	yes	24
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Specification		1	20	
	Claims		21	23	
	Abstract		24	24	
Warnings:					
Information:					
3	Drawings-only black and white line drawings	PREMM-001A2C8_drwgs.pdf	150036 44a0b2d76fe92a0f6ccaa1f03de2b53f64008f46	no	13
Warnings:					
Information:					
4	Oath or Declaration filed	PREMM-001A2C8_declaration.pdf	156925 684b752caea52c6ba11d301718ba610946718da6	no	3
Warnings:					
Information:					
5	Fee Worksheet (SB06)	fee-info.pdf	32970 c785f0ea8b16e8364a950b604c800badeb862da0	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			2591882		

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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.