



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

24955 7590 03/01/2021
ROGITZ & ASSOCIATES
Jeanne Gahagan
4420 Hotel Circle Court
SUITE 230
SAN DIEGO, CA 92108

Table with 2 columns: EXAMINER (CHAMPAGNE, LUNA), ART UNIT (3627), PAPER NUMBER

DATE MAILED: 03/01/2021

Table with 5 columns: APPLICATION NO. (15/688,198), FILING DATE (08/28/2017), FIRST NAMED INVENTOR (Keith R. McNally), ATTORNEY DOCKET NO. (1245-003.CN2), CONFIRMATION NO. (2309)

TITLE OF INVENTION: INFORMATION MANAGEMENT AND SYNCHRONOUS COMMUNICATIONS SYSTEM

Table with 7 columns: APPLN. TYPE (nonprovisional), ENTITY STATUS (UNDISCOUNTED), ISSUE FEE DUE (\$1200), PUBLICATION FEE DUE (\$0.00), PREV. PAID ISSUE FEE (\$0.00), TOTAL FEE(S) DUE (\$1200), DATE DUE (06/01/2021)

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: Maintenance fees are due in utility patents issuing on applications filed on or after Dec. 12, 1980. It is patentee's responsibility to ensure timely payment of maintenance fees when due. More information is available at www.uspto.gov/PatentMaintenanceFees.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via EFS-Web.

By mail, send to: **Mail Stop ISSUE FEE**
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

By fax, send to: **(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.

24955 7590 03/01/2021
ROGITZ & ASSOCIATES
Jeanne Gahagan
4420 Hotel Circle Court
SUITE 230
SAN DIEGO, CA 92108

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 transmitted to the USPTO via EFS-Web or by facsimile to (571) 273-2885, on the date below.

(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/688,198	08/28/2017	Keith R. McNally	1245-003.CN2	2309

TITLE OF INVENTION: INFORMATION MANAGEMENT AND SYNCHRONOUS COMMUNICATIONS SYSTEM

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$1200	\$0.00	\$0.00	\$1200	06/01/2021

EXAMINER	ART UNIT	CLASS-SUBCLASS
CHAMPAGNE, LUNA	3627	705-015000

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 03-09 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, _____ 1
- (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
- _____ 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 must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE _____ (B) RESIDENCE: (CITY and STATE OR COUNTRY) _____

Please check the appropriate assignee category or categories (will not be printed on the patent) : Individual Corporation or other private group entity Government

4a. Fees submitted: Issue Fee Publication Fee (if required) Advance Order - # of Copies _____

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

- Electronic Payment via EFS-Web Enclosed check Non-electronic payment by credit card (Attach form PTO-2038)
- The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. _____

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

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

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

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

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

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

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

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability

Application No. 15/688,198	Applicant(s) McNally, Keith R.	
Examiner LUNA CHAMPAGNE	Art Unit 3627	AIA (FITF) 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 the communications received on 11/19/20.
 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 1-6 and 11-20. 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/pph/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: _____.

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. Notice of References Cited (PTO-892)
- 2. Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____.
- 3. Examiner's Comment Regarding Requirement for Deposit of Biological Material _____.
- 4. Interview Summary (PTO-413), Paper No./Mail Date. 20210223.
- 5. Examiner's Amendment/Comment
- 6. Examiner's Statement of Reasons for Allowance
- 7. Other _____.

/LUNA CHAMPAGNE/
Primary Examiner, Art Unit 3627

Notice of Pre-AIA or AIA Status

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

Status of Claims

Applicant's Appeal Brief filed on 11/19/20 has been considered. An interview was conducted between the Applicant and the Examiner. As a result, claims 7-10 are now cancelled. Claims 1-6, 11-20 are allowed.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in an interview with John L. Rogitz on 2/23/21.

The application has been amended as follows:

Please replace the claim set dated 8/24/20 with the following set:

--1. (currently amended) An information management and communications system configured with executable instructions for parallel operations for use with remote wireless handheld computing devices, a hospitality application and the internet comprising:

a) a central server connected in the system which is enabled by a back office hospitality application software which is enabled to execute hospitality application tasks requested by two or more mobile users and with two or more different hospitality entities in parallel;

b) an advanced master database with its own database application programming interface (API) and which is capable of being queried on substantially all data fields and connected into the server and into the system and configured to store at least one hospitality software application and its associated hospitality application information pursuant to a master database file structure, which is dictated prior to execution of the hospitality application tasks;

c) at least one web server connected in the system and using hypertext transfer protocol (HTTP);

d) at least two different wireless handheld computing devices each with ~~different~~ respective mobile operating systems and ~~[[a]]~~ respective touch-sensitive screens with mobile compatible versions of the back office hospitality application operable from the wireless handheld computing devices and which are further enabled to wirelessly communicate remotely using HTTP ~~customer~~ requests for hospitality application tasks to the central server and with the master database and which is further enabled to receive and then present on at least one of the wireless handheld computing device display touch-sensitive screens the results from the parallel processing by the back office hospitality application for the requested hospitality tasks;

e) at least a first ~~external~~ application programming interface (API) that enables third parties to fully integrate with the hospitality application and which is enabled to connect the back office hospitality application software on the central server with two or more remote computers for different entities and with their associated software applications in parallel to concurrently execute tasks in support of the ~~customer~~ requested hospitality application tasks;

f) at least one web page connected in the system and which is enabled to present at least some of the results from the parallel processing of the hospitality application tasks;

g) real time communications control software that monitors and routes all wireless communications to and from the appropriate devices or software applications and which is connected in the system and which is further enabled to link the hospitality application on the central server with the master database via its database API, the wireless handheld computing devices, the web server, the web page, the two or more remote computers via the first external API; and wherein the system is further enabled to present to a user of at least one of the wireless handheld computing devices interim results and/or progress of its parallel processing of a requested task and to enable the user to select from those presented results.

~~all of the different components are in equilibrium and an overall consistency is achieved and in real time.~~

2. (currently amended) An information management and communications system configured with executable instructions for parallel operations for use with wireless handheld computing devices, an appointment application and the internet comprising:

a) a central server connected in the system which is enabled by a back office appointment application software which is enabled to execute appointment application tasks requested by two or more mobile users and with two or more different appointment entities in parallel;

b) an advanced master database with its own database application programming interface (API) and which is capable of being queried on substantially all data fields and connected into the server and into the system and configured to store at least one appointment software application and its associated appointment application information pursuant to a master database file structure, which is dictated prior to execution of the appointment application tasks;

c) at least one web server connected in the system and using hypertext transfer protocol (HTTP);

d) at least two different wireless handheld computing devices each with respective different mobile operating systems and ~~[[a]]~~ respective touch-sensitive screens with mobile compatible versions of the back office appointment application operable from the wireless handheld computing devices and which are further enabled to wirelessly communicate remotely using HTTP ~~customer~~ requests for appointment application tasks to the central server and with the master database and which is further enabled to receive and then present on at least one of the wireless handheld computing device display touch-sensitive screens the results from the parallel processing by the back office appointment application for the requested appointment tasks;

e) at least a first ~~external~~ application programming interface (API) that enables third parties to fully integrate with the appointment application and which is enabled to connect the back office appointment application software on the central server with two or more remote computers for different entities and with their associated software applications in parallel to concurrently execute tasks in support of the ~~customer~~ requested appointment application tasks;

f) at least one web page connected in the system and which is enabled to present at least some of the results from the parallel processing of the appointment application tasks;

g) real time communications control software that monitors and routes all wireless communications to and from the appropriate devices or software applications and which is connected in the system and which is further enabled to link the appointment application on the central server with the master database via its database API, the wireless handheld computing devices, the web server, the web page, the two or more remote computers via the ~~external~~ first API; and

wherein the system is further enabled to present to a user of at least one of the wireless handheld computing devices interim results and/or progress of its parallel processing of a requested task and to enable the user to select from those presented results.

~~all of the different components are in equilibrium and an overall consistency is achieved and in real time.~~

3.(previously presented) The system of claim 1, in which the hospitality application is related to hotel reservations.

4. (previously presented) The system of claim 1, in which the hospitality application is related to restaurant reservations.

5. (previously presented) The system of claim 1, in which the hospitality application is related to event ticketing.

6. (previously presented) The system of claim 1, in which the hospitality application is related to food/drink ordering.

7-10 canceled.

11.(currently amended) The system of claim 1, in which the system is further enabled to automatically make a selection for ~~the wireless handheld computing device user~~ based upon a pre established rule.

12.(currently amended) The system of claim 2, in which the system is further enabled to automatically make a selection for ~~the wireless handheld computing device user~~ based upon a pre established rule.

13.(currently amended) The system of claim 1, in which the system is further enabled to automatically make a selection ~~for the wireless handheld computing device user~~ based upon known user preferences.

14.(currently amended) The system of claim 2, in which the system is further enabled to automatically make a selection ~~for the wireless handheld computing device user~~ based upon known user preferences.

15. (currently amended) The system of claim 1, in which at least one of the wireless handheld computing devices is further enabled to present a mobile user interface combining both fixed and dynamic information concurrently.

16. (currently amended) The system of claim 2, in which at least one of the wireless handheld computing devices is further enabled to present a mobile user interface combining both fixed and dynamic information concurrently.

17. (previously presented) The system of claim 1, in which one or more staff members equipped with a wireless handheld computing device can complete substantially all of their tasks, on the device and without the need for a fixed computer/terminal.

18. (previously presented) The system of claim 2, in which one or more staff members equipped with a wireless handheld computing device can complete substantially all of their tasks, on ~~said~~ the device and without the need for a fixed computer/terminal.

19. (previously presented) The system of claim 1, which also includes a communications conversion function.

20. (previously presented) The system of claim 2, which also includes a communications conversion function. --

REASONS FOR ALLOWANCE

The following is a statement of reasons for the indication of allowable subject matter:

The Examiner is in agreement with arguments submitted by the Applicant on 11/19/20. Applicant's arguments, in further view of the Examiner's amendments above, render the claims novel and unobvious. Therefore, the Examiner is allowing the case.

A Non Patent Literature search was conducted and no relevant art was found.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to LUNA CHAMPAGNE whose telephone number is (571)272-7177. The examiner can normally be reached on M-F 8:00-5:00.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Florian Zeender can be reached on 571 272-6790. 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 <https://ppair-my.uspto.gov/pair/PrivatePair>. 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.

Application/Control Number: 15/688,198
Art Unit: 3627

Page 8

/LUNA CHAMPAGNE/
Primary Examiner, Art Unit 3627

February 23, 2021