AO 120 (Rev. 08/10)

| TO: | REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK |
|---|---|
| **Mail Stop 8<br>Director of the U.S. Patent and Trademark Office<br>P.O. Box 1450<br>Alexandria, VA 22313-1450** | |

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Central District of California on the following

☐ Trademarks or ☑ Patents. ( ☐ the patent action involves 35 U.S.C. § 292.):

| DOCKET NO. | DATE FILED | U.S. DISTRICT COURT |
|---|---|---|
| | 8/24/2022 | for the Central District of California |

| PLAINTIFF | DEFENDANT |
|---|---|
| Playvuu, Inc. | Snap, Inc. |

| | PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
|---|---|---|---|
| 1 | 10,931,911 | 2/23/2021 | Playvuu, Inc. |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

| DATE INCLUDED | INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading | |
|---|---|---|
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |

In the above—entitled case, the following decision has been rendered or judgement issued:

| DECISION/JUDGEMENT |
|---|
| |

| CLERK | (BY) DEPUTY CLERK | DATE |
|---|---|---|
| | | |

**Copy 1—Upon initiation of action, mail this copy to Director** **Copy 3—Upon termination of action, mail this copy to Director**
**Copy 2—Upon filing document adding patent(s), mail this copy to Director** **Copy 4—Case file copy**

UNITED STATES PATENT AND TRADEMARK OFFICE

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

| APPLICATION NO. | ISSUE DATE | PATENT NO. | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|---|---|---|---|
| 16/248,687 | 02/23/2021 | 10931911 | 219-00003 | 5999 |

148705 7590 02/03/2021

Lynch LLP
4470 W Sunset Blvd #90096
Los Angeles, CA 90027

# 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):

MySongToYou, Inc., Bell Canyon, CA;
Shane Pollack, Bell Canyon, CA;

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage and facilitate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit SelectUSA.gov.

## 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)

148705 7590 12/16/2020
Lynch LLP
4470 W Sunset Blvd #90096
Los Angeles, CA 90027

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 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. |
|---|---|---|---|---|
| 16/248,687 | 01/15/2019 | Shane Pollack | 219-00003 | 5999 |

TITLE OF INVENTION: Creating and Disseminating of User Generated Content Over a Network

| APPLN. TYPE | ENTITY STATUS | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE |
|---|---|---|---|---|---|---|
| nonprovisional | SMALL | $600 | $0.00 | $0.00 | $600 | 03/16/2021 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|---|---|---|
| SALOMON, PHENUEL S | 2171 | 715-716000 |

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,
(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 Lynch LLP
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: MySongToYou, Inc.

(B) RESIDENCE: (CITY and STATE OR COUNTRY): Cave Creek, Arizona

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 /Sean Lynch/ Date January 19, 2021

Typed or printed name Sean Lynch Registration No. 75248



PTOL-85 Part B (08-18) Approved for use through 01/31/2020 OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Snap Inc. - EX1002, Page 0003

# Electronic Patent Application Fee Transmittal

| | |
|---|---|
| **Application Number:** | 16248687 |
| **Filing Date:** | 15-Jan-2019 |
| **Title of Invention:** | Creating and Disseminating of User Generated Content Over a Network |
| **First Named Inventor/Applicant Name:** | Shane Pollack |
| **Filer:** | Sean M. Lynch/Heather Castro |
| **Attorney Docket Number:** | 219-00003 |

Filed as Small Entity

**Filing Fees for Utility under 35 USC 111(a)**

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

| Description | Fee Code | Quantity | Amount | Sub-Total in USD($) |
|---|---|---|---|---|
| PUBL. FEE- EARLY, VOLUNTARY, OR NORMAL | 1504 | 1 | 0 | 0 |
| UTILITY APPL ISSUE FEE | 2501 | 1 | 600 | 600 |
| **Extension-of-Time:** | | | | |
| **Miscellaneous:** | | | | |
| | | **Total in USD ($)** | | **600** |

| Electronic Acknowledgement Receipt | |
|---|---|
| **EFS ID:** | 41682988 |
| **Application Number:** | 16248687 |
| **International Application Number:** | |
| **Confirmation Number:** | 5999 |
| **Title of Invention:** | Creating and Disseminating of User Generated Content Over a Network |
| **First Named Inventor/Applicant Name:** | Shane Pollack |
| **Customer Number:** | 148705 |
| **Filer:** | Sean M. Lynch/Heather Castro |
| **Filer Authorized By:** | Sean M. Lynch |
| **Attorney Docket Number:** | 219-00003 |
| **Receipt Date:** | 19-JAN-2021 |
| **Filing Date:** | 15-JAN-2019 |
| **Time Stamp:** | 15:58:10 |
| **Application Type:** | Utility under 35 USC 111(a) |

## Payment information:

| | |
|---|---|
| Submitted with Payment | yes |
| Payment Type | CARD |
| Payment was successfully received in RAM | $600 |
| RAM confirmation Number | E20211IF58408447 |
| Deposit Account | |
| Authorized User | |
| The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: | |

## 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) | Issue_Fee_Transmittal_219-00003.pdf | 403935<br>91ccba629ab03ac75c059eea6bf5ba7562d0d86a | no | 1 |
| **Warnings:** | | | | | |
| **Information:** | | | | | |
| 2 | Fee Worksheet (SB06) | fee-info.pdf | 32377<br>7db2220939f3882366563b718c9e9a37136b7f22 | no | 2 |
| **Warnings:** | | | | | |
| **Information:** | | | | | |
| | | **Total Files Size (in bytes):** | 436312 | | |

**This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.**

**New Applications Under 35 U.S.C. 111**
**If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.**
**National Stage of an International Application under 35 U.S.C. 371**
**If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.**
**New International Application Filed with the USPTO as a Receiving Office**
**If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.**

UNITED STATES 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

# NOTICE OF ALLOWANCE AND FEE(S) DUE

148705 7590 12/16/2020

Lynch LLP
4470 W Sunset Blvd #90096
Los Angeles, CA 90027

| EXAMINER |
|---|
| SALOMON, PHENUEL S |

| ART UNIT | PAPER NUMBER |
|---|---|
| 2171 | |

DATE MAILED: 12/16/2020

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|---|---|---|---|
| 16/248,687 | 01/15/2019 | Shane Pollack | 219-00003 | 5999 |

TITLE OF INVENTION: Creating and Disseminating of User Generated Content Over a Network

| APPLN. TYPE | ENTITY STATUS | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE |
|---|---|---|---|---|---|---|
| nonprovisional | SMALL | $600 | $0.00 | $0.00 | $600 | 03/16/2021 |

**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.**





Snap Inc. - EX1002, Page 0008

## 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)

148705 7590 12/16/2020

Lynch LLP
4470 W Sunset Blvd #90096
Los Angeles, CA 90027

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 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. |
|---|---|---|---|---|
| 16/248,687 | 01/15/2019 | Shane Pollack | 219-00003 | 5999 |

TITLE OF INVENTION: Creating and Disseminating of User Generated Content Over a Network

| APPLN. TYPE | ENTITY STATUS | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE |
|---|---|---|---|---|---|---|
| nonprovisional | SMALL | $600 | $0.00 | $0.00 | $600 | 03/16/2021 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|---|---|---|
| SALOMON, PHENUEL S | 2171 | 715-716000 |

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,
(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_____
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. _____



Snap Inc. - EX1002, Page 0009

UNITED STATES PATENT AND TRADEMARK OFFICE

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

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|---|---|---|---|
| 16/248,687 | 01/15/2019 | Shane Pollack | 219-00003 | 5999 |

148705 7590 12/16/2020

Lynch LLP
4470 W Sunset Blvd #90096
Los Angeles, CA 90027

| EXAMINER | |
|---|---|
| SALOMON, PHENUEL S | |
| ART UNIT | PAPER NUMBER |
| 2171 | |

DATE MAILED: 12/16/2020

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

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

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

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

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

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

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 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. 16/248,687 | Applicant(s) Pollack, Shane | |
|---|---|---|---|
| | Examiner PHENUEL S SALOMON | Art Unit 2171 | 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 11/09/2020.
   ☐ 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 1-9 and 11-12 . 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. _____.
5. ☑ Examiner's Amendment/Comment
6. ☑ Examiner's Statement of Reasons for Allowance
7. ☐ Other _____.

/PHENUEL S SALOMON/
Primary Examiner, Art Unit 2171

***Notice of Pre-AIA or AIA Status***

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

**EXAMINER'S AMENDMENT**

2. 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 through telephonic conversation with Sean Lynch on 12/03/2020.

**Claims**

**AMENDMENTS TO THE CLAIMS:**

3. This listing of claims 1, 10, and 11-12 will replace all prior versions in the application.

**Listing of Claims:**

Claim 1. (Currently Amended) A method for generating and sharing audio/video content to a social network, comprising:

initiating a content creation process in response to a request from a user;

prompting the user to record content;

prompting the user to select an audio composition from a list of compositions retrieved from a host server;

presenting the user with a record button;

presenting the user with a selection of visual media content for use as a background, wherein upon selecting an instance of pre-recorded visual media content from the selection, the user is presented with an interface to selectively edit the instance of pre-recorded visual media content;

providing simultaneous aural playback of the audio composition during a recording session, thereby permitting the user to hear the composition during recording;

generating recorded content based on the recording session by compositing video captured during the recording session with the instance of pre- recorded visual media content, such that the video captured during the recording session is selectively made transparent to reveal the instance of pre-recorded visual media content;

displaying a preview of the recorded content to the user, wherein the preview of the recorded content enables the user to change the timing or latency of the recorded content to relative to the selected audio composition;

selecting a privacy attribute for the recorded content;

sending the recorded content to the host server, wherein the host server is configured to store multimedia content to facilitate access to other users according to the selected privacy attribute;

receiving a request to publish the recorded content;

in response to the request to publish, processing and encoding individual components of the recorded content to create a streamable video; and

publishing the streamable video by copying the streamable video to a media server.

Claim 10. (Canceled)

Claim 11. (Currently Amended) A method for generating and sharing audio/video content to a social network, comprising:

initiating a content creation process in response to a request from a user;

prompting the user to record content; prompting the user to select an audio composition from a list of compositions retrieved from a host server;

presenting the user with a record button;

displaying a countdown to a recording session based on a user interaction with the record button, wherein the recording session comprises video recording;

providing the user an indication of the initiation of the recording session after the countdown to the recording session has counted down;

providing simultaneous aural playback of the audio composition during the recording session, thereby permitting the user to hear the composition during recording;

generating recorded content based on the recording session by compositing video captured during the recording session with a second video recording such that the video captured during the recording session is selectively made transparent to reveal the second video recording;

displaying a preview of the recorded content to the user, wherein the preview of the recorded content enables the user to change the timing or latency of the recorded content to relative to the selected audio composition;

selecting a privacy attribute for the recorded content; sending the recorded content to the host server, wherein the host server is configured to store multimedia content to facilitate access to other users according to the selected privacy attribute;

prompting the user to continue editing the recorded content; prompting the user to publish the recorded content;

in response to a request to publish, processing and encoding individual components of the recorded content to create a streamable video; and

publishing the streamable video by copying the streamable video to a media server.

Claim 12. (Currently Amended) A method for generating and sharing audio/video content to a social network, comprising:

initiating a content creation process in response to a request from a user;

prompting the user to record content;

prompting the user to select an audio composition from a list of compositions retrieved from a host server; presenting the user with a record button;

displaying a countdown to a recording session based on a user interaction with the record button, wherein the recording session comprises video recording;

providing the user an indication of the initiation of the recording session after the countdown to the recording session has counted down;

providing simultaneous aural playback of the audio composition during the recording session, thereby permitting the user to hear the composition during recording;

generating recorded content based on the recording session;

detecting user movement in the video captured during the recording session and representing that movement by a trailing light;

displaying a preview of the recorded content to the user, wherein the preview of the recorded content enables the user to change the timing or latency of the recorded content to relative to the selected audio composition;

selecting a privacy attribute for the recorded content;

sending the recorded content to the host server, wherein the host server is configured to store multimedia content to facilitate access to other users according to the selected privacy attribute;

receiving a request to publish the recorded content;

in response to the request to publish, processing and encoding individual components of the recorded content to create a streamable video; and

publishing the streamable video by copying the streamable video to a media server.

**Reasons for Indicating Allowable Subject matter**

4. Applicant's arguments filed in the Brief of 11/09/2020 have been fully considered. The prior art fail to either disclose or suggest the combination of features as arranged and claimed by applicant. In light of the newly amended feature(s) and arguments of pp. 5, 9 and in conjunction with all other limitations of the independent claims render claims 1, 11, and 12 allowable.

The dependent claims 2-9 being further limiting the independent claims, definite and fully enabled by the specification are also allowed.

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."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phenuel S. Salomon whose telephone number is (571) 270-1699.

The examiner can normally be reached on Mon-Fri 7:00 A.M. to 4:00 P.M. (Alternate Friday Off) EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Abdullah Al Kawsar can be reached on (571) 270-3169. The fax phone number for the organization where this application or proceeding is assigned is 571-273-3800. 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.

/PHENUEL S SALOMON/
Primary Examiner, Art Unit 2171

| Notice of References Cited | Application/Control No. 16/248,687 | Applicant(s)/Patent Under Reexamination Pollack, Shane | |
|---|---|---|---|
| | Examiner PHENUEL S SALOMON | Art Unit 2171 | Page 1 of 1 |

**U.S. PATENT DOCUMENTS**

| * | | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Name | CPC Classification | US Classification |
|---|---|---|---|---|---|---|
| * | A | US-20110246937-A1 | 10-2011 | Roberts; Brian F. | G11B27/34 | 715/810 |
| * | B | US-20080200154-A1 | 08-2008 | Maharajh; Kavi | G06F21/10 | 455/414.3 |
| * | C | US-20110058675-A1 | 03-2011 | Brueck; David F. | H04N21/8355 | 380/277 |
| * | D | US-7222163-B1 | 05-2007 | Girouard; David | G11B27/28 | 375/E7.025 |
| * | E | US-6981050-B1 | 12-2005 | Tobias; Martin | H04L29/06027 | 348/E7.071 |
| | F | | | | | |
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**FOREIGN PATENT DOCUMENTS**

| * | | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Country | Name | CPC Classification |
|---|---|---|---|---|---|---|
| | N | | | | | |
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**NON-PATENT DOCUMENTS**

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

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

| Issue Classification | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|---|---|---|
| | 16/248,687 | Pollack, Shane |
| | **Examiner** | **Art Unit** |
| | PHENUEL S SALOMON | 2171 |

| CPC | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Symbol** | | | | | | **Type** | **Version** |
| H04N | / | 5 | / | 76 | | F | 2013-01-01 |
| G11B | / | 27 | / | 034 | | I | 2013-01-01 |

| CPC Combination Sets | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Symbol** | | | | | | **Type** | **Set** | **Ranking** | **Version** |
| | / | | / | | | | | | |

| NONE | | Total Claims Allowed: | |
|---|---|---|---|
| (Assistant Examiner) | (Date) | 11 | |
| /PHENUEL S SALOMON/<br>Primary Examiner, Art Unit 2171 | 04 December 2020 | O.G. Print Claim(s) | O.G. Print Figure |
| (Primary Examiner) | (Date) | 1 | 17 |

U.S. Patent and Trademark Office — Part of Paper No.: 20201204



Snap Inc. - EX1002, Page 0020

| Issue Classification | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|---|---|---|
| | 16/248,687 | Pollack, Shane |
| | **Examiner** | **Art Unit** |
| | PHENUEL S SALOMON | 2171 |

| INTERNATIONAL CLASSIFICATION | | | | |
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| **CLAIMED** | | | | |
| G06F | / | 3 | / | 0481 |

| NON-CLAIMED | | | | |
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| US ORIGINAL CLASSIFICATION | |
|---|---|
| **CLASS** | **SUBCLASS** |
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| CROSS REFERENCES(S) | | | | | | |
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| **CLASS** | **SUBCLASS (ONE SUBCLASS PER BLOCK)** | | | | | |
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| NONE | | **Total Claims Allowed:** | |
|---|---|---|---|
| (Assistant Examiner) | (Date) | 11 | |
| /PHENUEL S SALOMON/<br>Primary Examiner, Art Unit 2171 | 04 December 2020 | O.G. Print Claim(s) | O.G. Print Figure |
| (Primary Examiner) | (Date) | 1 | 17 |

U.S. Patent and Trademark Office — Part of Paper No.: 20201204



Snap Inc. - EX1002, Page 0021

| Issue Classification | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|---|---|---|
| | 16/248,687 | Pollack, Shane |
| | **Examiner** | **Art Unit** |
| | PHENUEL S SALOMON | 2171 |

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

**CLAIMS**

| Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | | 10 | | | | | | | | | | | | |
| 2 | 2 | 10 | 11 | | | | | | | | | | | | |
| 3 | 3 | 11 | 12 | | | | | | | | | | | | |
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| 5 | 5 | | | | | | | | | | | | | | |
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| 8 | 8 | | | | | | | | | | | | | | |
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| NONE | | **Total Claims Allowed:** | |
|---|---|---|---|
| (Assistant Examiner) | (Date) | 11 | |
| /PHENUEL S SALOMON/<br>Primary Examiner, Art Unit 2171 | 04 December 2020 | O.G. Print Claim(s) | O.G. Print Figure |
| (Primary Examiner) | (Date) | 1 | 17 |

U.S. Patent and Trademark Office

Part of Paper No.: 20201204



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| Index of Claims | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|---|---|---|
| | 16/248,687 | Pollack, Shane |
| | **Examiner** | **Art Unit** |
| | PHENUEL S SALOMON | 2171 |

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| ✓ | Rejected | - | Cancelled | N | Non-Elected | A | Appeal |
| = | Allowed | ÷ | Restricted | I | Interference | O | Objected |

**CLAIMS**

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

| CLAIM | | DATE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Final | Original | 11/10/2019 | 06/02/2020 | 12/04/2020 | | | | | | |
| | 1 | ✓ | ✓ | = | | | | | | |
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| | 3 | ✓ | ✓ | = | | | | | | |
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| | 5 | ✓ | ✓ | = | | | | | | |
| | 6 | ✓ | ✓ | = | | | | | | |
| | 7 | ✓ | ✓ | = | | | | | | |
| | 8 | | ✓ | = | | | | | | |
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| | 10 | | ✓ | - | | | | | | |
| | 11 | | ✓ | = | | | | | | |
| | 12 | | ✓ | = | | | | | | |



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| Search Notes | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|---|---|---|
| | 16/248,687 | Pollack, Shane |
| | Examiner | Art Unit |
| | PHENUEL S SALOMON | 2171 |

| CPC - Searched* | | |
|---|---|---|
| **Symbol** | **Date** | **Examiner** |
| G11B27/034, G06F3/0481 | 11/09/2019 | pss |
| G11B27/034, G06F3/0481 | 06/02/2020 | pss |
| G11B27/034, G06F3/0481, H04N5/76 | 12/04/2020 | pss |

| CPC Combination Sets - Searched* | | |
|---|---|---|
| **Symbol** | **Date** | **Examiner** |
| | | |

| US Classification - Searched* | | | |
|---|---|---|---|
| **Class** | **Subclass** | **Date** | **Examiner** |
| | | | |

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

| Search Notes | | |
|---|---|---|
| **Search Notes** | **Date** | **Examiner** |
| EAST | 11/09/2019 | pss |
| EAST | 06/02/2020 | pss |
| EAST | 12/04/2020 | pss |
| Inventor Name Search | 12/04/2020 | pss |
| Assignee Name Search | 12/04/2020 | pss |
| IP.com | 12/04/2020 | pss |
| Google Scholar | 12/04/2020 | pss |



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| Search Notes | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|---|---|---|
| | 16/248,687 | Pollack, Shane |
| | Examiner | Art Unit |
| | PHENUEL S SALOMON | 2171 |

| Interference Search | | | |
|---|---|---|---|
| US Class/CPC Symbol | US Subclass/CPC Group | Date | Examiner |
| PG | PUB | 12/04/2020 | pss |



Snap Inc. - EX1002, Page 0025

Discover | PAT | in response to the request ... | + 0 mods | 1 filter

STIC

Visuals | Query | Results | 0 Selected | Relevance | None | None

1 - 50 5,354,578 results

1. **Video workflow automation platform for publishing a video feed in multiple formats**

   A method and system for a video workflow automation platform (VWAP) for publishing a video feed in multiple formats is described.

   **CURRENT ASSIGNEES:** ISTREAMPLANET CO LLC
   US8583992 | US PATENTS | 19-NOV-2013

2. **Video workflow automation platform for publishing a video feed in multiple formats**

   A method and system for a video workflow automation platform (VWAP) for publishing a video feed in multiple formats is described.

   **CURRENT ASSIGNEES:** ISTREAMPLANET CO LLC
   US20110296474 | US APPLICATIONS | 01-DEC-2011

3. **System and method for self-publishing webcast content over a computer network**

   A system, apparatus and method are provided where consumers can have direct access to an online publishing service providing continuous media including audio and video content, through a website on a server. The system integrates all aspects of the media publishing process: coding, editing,...

   **CURRENT ASSIGNEES:** MUTUAL WILLIAM
   WO2001080039A2 | WIPO APPLICATIONS | 25-OCT-2001

4. **Video workflow automation platform**

   A method and system for a video workflow automation platform (VWAP) is described.

   **CURRENT ASSIGNEES:** ISTREAMPLANET CO LLC
   US20110296473 | US APPLICATIONS | 01-DEC-2011

5. **Distributed Video Content Management and Sharing System**

   The present invention relates to a system which enables cooperative rich media content management, sharing, and publishing across a distributed set of Web sites, Web servers, and media servers based on control information in an online database. Media files are housed on any number of heterogeneous...

   **CURRENT ASSIGNEES:** SYRACUSE UNIV
   US20080189617 | US APPLICATIONS | 07-AUG-2008

6. **Video workflow automation platform**

   A method and system for a video workflow automation platform (VWAP) is described.

   **CURRENT ASSIGNEES:** ISTREAMPLANET CO LLC
   US8918820 | US PATENTS | 23-DEC-2014

7. **Distributed video content management and sharing systems**

   The present invention relates to a system which enables cooperative rich media content management, sharing, and publishing across a distributed set of Web sites, Web servers, and media servers based on control information in an online database. Media files are housed on any number of heterogeneous...

   **CURRENT ASSIGNEES:** SYRACUSE UNIV
   WO2008091912A2 | WIPO APPLICATIONS | 31-JUL-2008

8. **Distributed video content management and sharing system**

   The present invention relates to a system which enables cooperative rich media content management, sharing, and publishing across a distributed set of Web sites, Web servers, and media servers based on control information in an online database. Media files are housed on any number of heterogeneous...

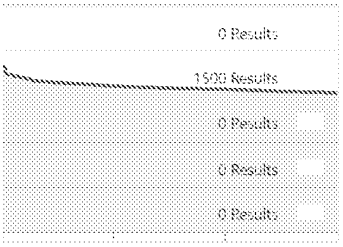
   **CURRENT ASSIGNEES:** SYRACUSE UNIV
   US9262545 | US PATENTS | 16-FEB-2016

9. **Media marketplaces**

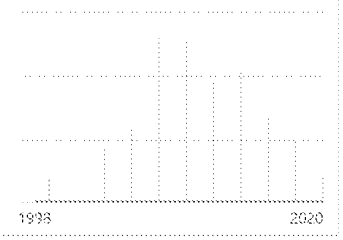
   Aspects of the present invention include methods and systems that involve enabling content item generators to present content items for association of advertisements, enabling an advertiser to request association of an

Top 1500 results

**Relevance** VIEW




**Publication Date** VIEW




**First Cur Assignees by Relevance** VIEW

- ISTREAMPLANET CO LLC **(4)**
- MUTUAL WILLIAM **(1)**
- SYRACUSE UNIV **(4)**
- MAIGRET ROBERT J **(1)**
- NOKIA TECH OY **(1)**
- LOUDEYE CORP **(9)**
- DIRECTV GROUP INC **(39)**



Snap Inc. - EX1002, Page 0026

Discover PAT in response to the request ... + 0 mods 1 filter STIC

10. **Digital remote recorder**

A method and system for recording and publishing traditional media source programs over a network is disclosed. According to the method, a request for publication of one or more traditional media source programs in one or more encoding formats is received from a network client that is connected to...

**CURRENT ASSIGNEES:** NOKIA TECH OY
US6981050 | US PATENTS | 27-DEC-2005

11. **Media distribution system**

SUMMARY A method and system for a media distribution system that automates the distribution of streaming media content is disclosed. According to the method, the distribution of media content over a network includes generating a viewing package that includes a set of distribution rules and one or...

**CURRENT ASSIGNEES:** LOUDEYE CORP
JP2002541687A | JAPAN APPLICATIONS | 03-DEC-2002

12. **Digital rights management in a mobile environment**

Embodiments provide a method that causes a plurality of virtual machine instructions to be interpreted for indications of a mobile device's hardware identification information, thus forming a plurality of hardware instruction interpretations. The embodiment also combines each of the plurality of

More Visuals

Result #4 PREV NEXT



Snap Inc. - EX1002, Page 0027

... time receipt, decompression and play of compressed **streaming video**/hypervideo; with thumbnail display of past scenes and with replay, hyperlinking and/or **recording** ...

PV Rangan, V Shastri, A Ashwani, P Arole - US Patent 6,154,771, 2000 - Google Patents

... 2000-11-28 **Publication** of US6154771A **publication** Critical patent/US6154771A ... rendering Methods 0 claims description 11; 230000004044 **response** Effects 0 ... G—PHYSICS; G06—COMPUTING; CALCULATING; COUNTING; G06F—ELECTRIC DIGITAL **DATA** ...

☆ 99 Cited by 726 Related articles All 2 versions »

Access/edge node supporting multiple **video streaming services** using a **single request** protocol

EAC Six, T Van Caenegem... - US Patent ..., 2012 - Google Patents

... 238000006243 chemical **reaction** Methods 0 description 1; 230000001276 controlling effects Effects 0 description 1 ... if that particular TV channel is already available, and if so, **responds** to the ... Any other existing **request** protocol, in particular on-demand **request** protocols like SIP ...

☆ 99 Cited by 266 Related articles All 4 versions »

Authoring system for combining temporal and nontemporal digital **media**

P Balkus, G McElhoe, T Crofton... - US Patent App. 10 ..., 2004 - Google Patents

... Indexing; Addressing; Timing or synchronising; Monitoring; Measuring tape travel; G11B27/02—Editing, eg varying the **order** of information ... No. 6,426,778, and PCT **Publication** No ... Accounts may be provided for a **streaming** media server for authors to **publish** their ...

☆ 99 Cited by 166 Related articles All 2 versions »

Dynamic adaptive **streaming** over HTTP-- standards and **design** principles

T Stockhammer - ... of the second annual ACM conference on **Multimedia** ..., 2011 - dl.acm.org

... If an HTTP client **requests** some **data**, the server **responds** by sending the **data** and the ... delivery provides a simple means to seamlessly change **content** rate on-the-fly in **reaction** to changes ... in the beginning of the media segment, eg, by using a byte range **request**, the segment ...

☆ 99 Cited by 1281 Related articles

The technology of **video** and audio **streaming**

D Austerberry - 2005 - books.google.com

... 386 .A97 2004 006.7'876 – dc22 2004017485 British Library Cataloguing-in-**Publication Data** A catalogue ... Television can support a limited interactivity: voting by **responding** to a short list of ... disk in the client machine, unless a download specifically is **requested** (and allowed) ...

☆ 99 Cited by 225 Related articles All 8 versions »

System and method for rule based dynamic **server** side **streaming** manifest files

J Lewis, W Watts, P Friedman - US Patent 8,677,428, 2014 - Google Patents

... 230000000875 corresponding Effects 0 claims description 4; 238000006243 chemical **reaction** Methods 0 description 2; ... 350 c, platform rule set 322 a may dictate that if a **request** originates from a ... files to allow graceful degradation to lower bit-rate **video** in **response** to adverse ...

☆ 99 Cited by 160 Related articles All 4 versions »

Method and system for secure and reliable **video streaming** with rate adaptation

KJ Ma, R Bartos, J Xu, R Nair, R Hickey... - US Patent App. 13 ..., 2012 - Google Patents

... BARTOS, RADIM 2012-10-18 **Publication** of US20120265892A1 **publication** Critical patent ... 238000003860 storage Methods 0 claims description 25; 230000004044 **response** Effects 0 ... 230000004048 modification Effects 0 description 2; 238000007781 pre-**processing** Methods ...

☆ 99 Cited by 113 Related articles All 2 versions »

Systems and methods for saving **encoded media** streamed using adaptive bitrate **streaming**

B Ziskind, S Cen, T Lin, J Braness ... - US Patent ..., 2015 - Google Patents

... 238000006722 reduction **reaction** Methods 0 description 2; 230000004044 **response** Effects 0 description 2; ... H04N21/433—**Content** storage operation, eg storage operation in **response** to a pause **request** ... to the server or network **components** for rate control, eg **request** to the ...

☆ 99 Cited by 49 Related articles All 4 versions »



Snap Inc. - EX1002, Page 0028

Method and system for live **streaming video** with dynamic rate adaptation

KJ Ma, J Xu, R Nair, IC Lin - US Patent 8,929,441, 2015 - Google Patents

... granted Critical 2015-01-06 **Publication** of US8929441B2 **publication** Critical patent ... 239000000969 carrier Substances 0 description 1; 230000015556 catabolic **process** Effects 0 ... 239000000470 **constituents** Substances 0 description 1; 230000004059 degradation Effects ...

☆ 99 Cited by 99 Related articles All 4 versions »

Dynamic virtual chunking of **streaming media content**

DR Ronca, K Neuenhofen, JM Zollinger - US Patent 8,954,596, 2015 - Google Patents

... at the same time allowing a playback engine on the client device to **request** chunks of ... In other instances, well-known features have not been described in **order** to avoid obscuring ... In **response** to download **requests**, the edge servers 106 transmit the audiovisual media files (or ...

☆ 82 Cited by 82 Related articles All 4 versions »



Snap Inc. - EX1002, Page 0029

**EAST Search History**

**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 27 | (("8589992") or ("20110296474") or ("20110296473") or ("20080189617") or ("8918820") or ("9262545") or ("20080109306") or ("6981050") or ("9124650") or ("20110058675") or ("20130166580") or ("20070162487") or ("9203816") or ("7769827") or ("7222163") or ("20020049852") or ("20080028047") or ("20060253542") or ("20100070876") or ("20070130015") or ("8855469") or ("20080263610") or ("20180357248") or ("20080263602") or ("20080200154") or ("20070038567") or ("20190138553")).PN. | US-PGPUB; USPAT | OR | OFF | 2020/12/05 05:49 |
| L2 | 0 | 1 and encod$4 (component or segment) near5 stream$5 | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 05:51 |
| L3 | 18 | 1 and encod$4 with stream$5 | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 05:51 |
| L4 | 4 | POLLACK near3 SHANE.inv. | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 05:57 |
| L5 | 2 | MYSONGTOYOU.as,aanm. | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 05:58 |
| L6 | 2 | 4 and 5 | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 05:58 |
| L10 | 32,649 | (G11B27/034or G06F3/0481 or H04N5/76).cpc. | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:03 |
| L11 | 0 | 3 and 10 | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:04 |
| L12 | 2 | 6 and 10 | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:04 |
| L13 | 4 | ("20020172335" \| "20040051812" \| "20110055026" \| "7849160").pn. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:04 |
| L14 | 3,479 | (creat$4 or publish$4) multimedia | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:04 |
| L15 | 21,984 | (creat$4 or publish$4) (music or video) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:04 |

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|---|---|---|---|---|---|---|
| L16 | 50 | multimedia edit$4 same ((user or participant or attendee) (input or selection or choice or desire or request)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:04 |
| L17 | 20 | multimedia edit$4 with ((user or participant or attendee) (input or selection or choice or desire or request)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:04 |
| L18 | 1 | L16 and lyric | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:04 |
| L19 | 3,479 | (creat$4 or publish$4) multimedia | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:04 |
| L20 | 13 | L16 and L19 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:04 |
| L21 | 1 | L16 and song lyric | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:04 |
| L22 | 6,857 | 715/716-723.ccls. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:04 |
| L23 | 2,476 | ((song or audio) lyric) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:04 |
| L24 | 360 | ((creat$4 or publish$4 or generat$4) multimedia) same ((user or participant or attendee) (input or selection or choice or desire or request)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:04 |
| L25 | 134 | ((creat$4 or publish$4 or generat$4) multimedia) with ((user or participant or attendee) (input or selection or choice or desire or request)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:04 |
| L26 | 5 | L23 and L25 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:04 |
| L27 | 7 | L23 and L24 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:04 |
| L28 | 15 | ("20020124051" \| "20030019347" \| "20050195856" \| "20040204135" \| "6459776" \| "7743323" \| "7831900" \| "7904922" \| "20020087549" \| "20050262530" \| "20060015945" \| "5659793" \| "20040209631" \| "20050245241" \| "20020069218").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:04 |

| | | | | | | |
|---|---|---|---|---|---|---|
| L29 | 61 | L23 and 715/716-723.ccls. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:04 |
| L30 | 9 | ("20110016393" \| "20100064219" \| "20060230910" \| "7709725" \| "20110015767" \| "20060230909" \| "8044289" \| "20100322042" \| "20120014673").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:04 |
| L31 | 1 | imag$4 effect and chroma key and fad$4 and color correction and color saturat$4 and superimpos$4 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:04 |
| L32 | 1 | video effect and chroma key and fad$4 and color correction and color saturat$4 and superimpos$4 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:04 |
| L33 | 1 | effect and chroma key and fad$4 and color correction and color saturat$4 and superimpos$4 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:04 |
| L36 | 1 | edit$4 and chroma key and fad$in and color correction and color saturat$4 and superimpos$4 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:04 |
| L39 | 9 | ("20110016393" \| "20100064219" \| "20060230910" \| "7709725" \| "20110015767" \| "20060230909" \| "8044289" \| "20100322042" \| "20120014673").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:04 |
| L40 | 0 | L39 and chroma key and fad$in and color correction and color saturat$4 and superimpos$4 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:05 |
| L41 | 2,476 | ((song or audio) lyric) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:05 |
| L44 | 4,160 | ((audio or video) content) with (feedback or rating or comment) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:05 |
| L45 | 967 | L44 and recommendation | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:05 |
| L46 | 74 | L45 and ((audio or video)edit$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:05 |
| L47 | 45 | L45 and special effect | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:05 |
| L48 | 509 | L45 and effect | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:05 |

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|---|---|---|---|---|---|---|
| L49 | 1 | L44 and chroma key and fad$in and color correction and color saturat$4 and superimpos$4 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:05 |
| L50 | 0 | avid.as. and chroma key and fad$in and color correction and color saturat$4 and superimpos$4 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:05 |
| L51 | 85 | avid.as. and special effects | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:05 |
| L52 | 30 | overexpos$4 same camera aperture | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:05 |
| L53 | 5 | L52 and video recording | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:05 |
| L54 | 203 | special effect with superimpos$4 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:05 |
| L55 | 50 | (("9165542") or ("8805164") or ("8247676") or ("8153878") or ("8136041") or ("8064887") or ("20110219940") or ("8015123") or ("7965824") or ("7943842") or ("7779357") or ("7769364") or ("7735012") or ("20100095829") or ("20100082768") or ("20100064218") or ("20100031804") or ("7655855") or ("7653181") or ("20090320669") or ("20090290694") or ("20090228279") or ("20090228798") or ("20090228493") or ("7577568") or ("20090185669") or ("20090118849") or ("7512219") or ("20080307948") or ("20080261564") or ("7424098") or ("20080155637") or ("20080091571") or ("20080053293") or ("7301093") or ("20070186752") or ("20070180383") or ("7169996") or ("20060095848") or ("20060086236") or ("20050153729") or ("20040254792") or ("20040089141") or ("20030215063") or ("20030159566") or ("6606374") or ("20030049591") or ("20030028380") or ("20020044633") or ("5296643")).PN. | US-PGPUB; USPAT | OR | OFF | 2020/12/05 06:05 |
| L56 | 50 | (("9165542") or ("8805164") or ("8731943") or ("8153878") or ("8136041") or ("8064887") or ("20110219940") or ("8015123") or ("20110196666") or ("7943842") or ("7779357") or ("7769364") or ("7735012") or ("20100095829") or | US-PGPUB; USPAT | OR | OFF | 2020/12/05 06:05 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | ("20100082768") or ("20100064218") or ("20100031804") or ("7655855") or ("7653181") or ("20090228279") or ("20090228798") or ("20090228493") or ("20090185669") or ("20090118849") or ("20080307948") or ("20080261564") or ("20080155637") or ("20080091571") or ("20080053293") or ("7301093") or ("7279629") or ("20070186752") or ("20070180383") or ("20070065794") or ("7169996") or ("20060095848") or ("20060086236") or ("7022905") or ("20050153729") or ("20050120868") or ("6816577") or ("20040089141") or ("20030215063") or ("20030159566") or ("6606374") or ("20030049591") or ("20030028380") or ("20020181671") or ("20020044633") or ("5296643")).PN. | | | | |
| L57 | 0 | L56 and music driven community | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:05 |
| L58 | 0 | music driven community | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:05 |
| L59 | 50 | (("8973072") or ("8601018") or ("8539542") or ("8515978") or ("8327025") or ("20120284744") or ("8201074") or ("8150918") or ("8136127") or ("8098807") or ("8055779") or ("8019815") or ("20110106673") or ("20110099096") or ("20110040828") or ("7860995") or ("7779444") or ("20100150446") or ("7698372") or ("7689658") or ("7685247") or ("20100014649") or ("20100017493") or ("20100017864") or ("7617278") or ("7596606") or ("20090209237") or ("20080247528") or ("20080201451") or ("20080177752") or ("20080140852") or ("20080140719") or ("20080140720") or ("20080127289") or ("20080103906") or ("20080022329") or ("20080005347") or ("20070261090") or ("20070174772") or ("20060294128") or ("20060143307") or ("7032030") or ("6968506") or ("20050144305") or ("20040226048") or ("20030061294") or ("20020112247") or ("20020109712") or ("20020044633") or ("20020038376")).PN. | US-PGPUB; USPAT | OR | OFF | 2020/12/05 06:05 |

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|---|---|---|---|---|---|---|
| L60 | 18 | L59 and queue and publish$4 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:05 |
| L61 | 50 | (("9165542") or ("8731943") or ("8637757") or ("8633368") or ("8180275") or ("8064887") or ("20110219940") or ("8015123") or ("20110196666") or ("7851689") or ("7779357") or ("7769364") or ("7752546") or ("7735012") or ("20100131464") or ("20100082768") or ("20100064218") or ("20090307207") or ("20090253476") or ("20090228279") or ("20090228493") or ("20090178544") or ("20090173215") or ("20090151546") or ("20090012849") or ("20080261564") or ("7423214") or ("20080091571") or ("20080037718") or ("7301093") or ("20070250597") or ("20070180383") or ("20060095848") or ("20060086236") or ("20060032362") or ("20050267817") or ("20050153729") or ("20050020238") or ("20040266337") or ("6816577") or ("20040199387") or ("20030159566") or ("6587127") or ("20030028380") or ("20030001881") or ("20020181671") or ("20020072982") or ("20020010584") or ("5884262") or ("5296643")).PN. | US-PGPUB; USPAT | OR | OFF | 2020/12/05 06:05 |
| L62 | 0 | L61 and lyric prompt | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:05 |
| L63 | 0 | L61 and keyword entry | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:05 |
| L64 | 8 | L61 and keyword | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:05 |
| L65 | 29 | L61 and lyric | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:05 |
| L66 | 7 | L64 and lyric | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:05 |
| L67 | 0 | L64 and custom song lyrics | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:05 |
| L68 | 0 | L65 and custom song lyrics | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:05 |

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|---|---|---|---|---|---|---|
| L69 | 0 | L61 and custom song lyrics | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:05 |
| L70 | 0 | L61 and custom song lyric | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:05 |
| L71 | 50 | (("8589779") or ("20080222520") or ("8533313") or ("20110270959") or ("20100179981") or ("8849821") or ("20070106721") or ("20070079383") or ("8769437") or ("8839306") or ("20090158206") or ("20110126252") or ("20100305843") or ("20090150797") or ("7433922") or ("20090164928") or ("20040172481") or ("20090058822") or ("20030204558") or ("7956848") or ("9430448") or ("9418171") or ("20090164653") or ("7076523") or ("20050282563") or ("9313245") or ("20100005119") or ("8316084") or ("8477143") or ("20090178006") or ("8370872") or ("20100005139") or ("20100005498") or ("20060218191") or ("8560565") or ("9389822") or ("20060253874") or ("8620893") or ("20100005068") or ("20090178010") or ("20080177825") or ("20100005067") or ("20090012959") or ("20090204885") or ("20100005397") or ("8893015") or ("20100005380") or ("20100153867") or ("8261307") or ("20100005066")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2020/12/05 06:05 |
| L72 | 20 | composite media content and captured video | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:05 |
| L73 | 1 | composite media content with captured video | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:05 |
| L74 | 0 | composite media content near3 captured video | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:05 |
| L75 | 20 | composite media content and captured video | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:05 |
| L83 | 33 | composit$5 media content and captured video | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:05 |
| L84 | 0 | media content and captured video integration | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:05 |
| L85 | 56 | media content and video integration | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:05 |
| L86 | 34 | chroma key compositing and video recording | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:05 |

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|---|---|---|---|---|---|---|
| L87 | 50 | (("5099337") or ("5144454") or ("20110051914") or ("20100183280") or ("RE40688") or ("8334888") or ("6072537") or ("20050207726") or ("7565059") or ("8320743") or ("6744974") or ("20030103076") or ("8482635") or ("20040218901") or ("20100171848") or ("20090263100") or ("20030049591") or ("20020007718") or ("7823056") or ("20030001846") or ("6859609") or ("20040012613") or ("20070122786") or ("20030218626") or ("20090313547") or ("7596598") or ("5703995") or ("20070094328") or ("6535269") or ("20020051119") or ("5879246") or ("5609534") or ("20090092234") or ("20050066279") or ("6661496") or ("7987232") or ("20070098368") or ("4688105") or ("20050042591") or ("20030164924") or ("8285111") or ("6072933") or ("20100052934") or ("7574474") or ("20040223747") or ("20090313553") or ("20030056220") or ("20050123886") or ("7324166") or ("20090118849")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2020/12/05 06:05 |
| L88 | 50 | (("RE40688") or ("7528890") or ("20040218100") or ("20090041422") or ("20090040385") or ("6072933") or ("20090237565") or ("20090237566") or ("7649571") or ("7646434") or ("5151793") or ("20060136979") or ("5986717") or ("5162904") or ("5170246") or ("20040109014") or ("5194952") or ("4357624") or ("6650824") or ("8698840") or ("20100066762") or ("20070098368") or ("20100035682") or ("20070216811") or ("6445816") or ("4258385") or ("8363164") or ("20100027961") or ("8824861") or ("5801785") or ("20030202776") or ("20090169179") or ("20070065143") or ("20070064120") or ("20070064126") or ("20040018000") or ("20070064125") or ("7272296") or ("6865336") or ("20040223737") or ("20040165863") or ("7859551") or ("20020171764") or ("20100031149") or ("6072537") or ("5621535") or ("6553140") or ("5508812") or ("20050232599") or ("20030051255")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2020/12/05 06:05 |

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|---|---|---|---|---|---|---|
| L89 | 0 | L86 and L88 | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:05 |
| L90 | 0 | L86 and L87 | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:06 |
| L91 | 6 | L87 and compositing | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:06 |
| L92 | 1 | L87 and compositing frame | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:06 |
| L93 | 50 | (("8015302") or ("20090144786") or ("20030049591") or ("8189030") or ("20090259940") or ("20100053302") or ("20090164034") or ("20090164902") or ("8763030") or ("20090228492") or ("8893171") or ("20080295130") or ("20050055730") or ("20050060755") or ("20050086696") or ("20050060756") or ("20050055717") or ("20020100052") or ("20080292265") or ("8458754") or ("20020147979") or ("20090070842") or ("6671732") or ("20090092234") or ("7836475") or ("8055688") or ("20080155617") or ("20080120546") or ("20090150406") or ("8966557") or ("6330593") or ("8005345") or ("6154773") or ("20080317439") or ("20070127887") or ("8682145") or ("20020092021") or ("8819719") or ("8806320") or ("20080219638") or ("20120284744") or ("9202208") or ("8520817") or ("20090074164") or ("20110066944") or ("20110067066") or ("20110064385") or ("20110064386") or ("20110137976") or ("20110135283")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2020/12/05 06:06 |
| L94 | 4 | L93 and compositing | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:06 |
| L95 | 50 | (("8819719") or ("20100027961") or ("8824861") or ("20100035682") or ("20100031149") or ("7383344") or ("20040160992") or ("20080198878") or ("20080228777") or ("20080198264") or ("20090276812") or ("8174620") or ("20090115905") or ("8885099") or ("8473990") or ("8160421") or ("8339418") or ("20080030621") or ("20060136979") or ("6583793") or ("8294823") or ("20080145032") or ("7982751") or ("7573497") or ("20080211959") or ("20050005305") or ("8269886") or ("20010040592") or | US-PGPUB; USPAT; USOCR | OR | OFF | 2020/12/05 06:06 |

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|---|---|---|---|---|---|---|
| | | ("6469711") or ("20110148936") or ("6621509") or ("20040071441") or ("20040066395") or ("20040056882") or ("8542255") or ("8310408") or ("20090274219") or ("6628303") or ("20070137988") or ("9020048") or ("7124366") or ("20090276813") or ("20060064719") or ("8443409") or ("6538676") or ("20090254828") or ("20080155478") or ("6331852") or ("20030007567") or ("20080019662")).PN. | | | | |
| L96 | 7 | L95 and video input device | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:06 |
| L97 | 18 | L95 and video captured | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:06 |
| L98 | 37 | L95 and composite | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:06 |
| L99 | 50 | (("6897880") or ("20020171668") or ("20030231204") or ("6986107") or ("20060020897") or ("8108779") or ("20080018665") or ("6633300") or ("6317142") or ("20040089139") or ("20040089134") or ("7126609") or ("7391422") or ("7995071") or ("7602396") or ("6972363") or ("20070013711") or ("6960714") or ("5999190") or ("7516158") or ("7865532") or ("20050234884") or ("20090217160") or ("20080192062") or ("20070211055") or ("5832481") or ("5596691") or ("5566330") or ("20070192718") or ("7949955") or ("5752018") or ("7170519") or ("8294715") or ("20070216712") or ("20030193502") or ("20070120857") or ("20040089133") or ("7694234") or ("20040089138") or ("20070033542") or ("8989358") or ("20040089140") or ("20100235736") or ("20070033544") or ("7693341") or ("8031962") or ("20090051779") or ("8139122") or ("20060075360") or ("20100188415")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2020/12/05 06:06 |
| L100 | 50 | L99 and (style or effect) | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:06 |
| L101 | 43 | L100 and modification | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:06 |
| L102 | 5 | L101 and ((color or speed or exposure) adjustment) | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:06 |

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| L103 | 27 | media modification with (style or effect) | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:06 |
| L104 | 7 | media modification with (filtering or ((exposure or color or speed) adjustment)) | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:06 |
| L105 | 50 | (("6633300") or ("20080018665") or ("20050234884") or ("7170519") or ("20030193502") or ("20070120857") or ("7995071") or ("7391422") or ("7602396") or ("8294715") or ("20080192062") or ("7126609") or ("20030231204") or ("20070013711") or ("6986107") or ("20060020897") or ("7490290") or ("20020171668") or ("6897880") or ("20070101285") or ("20040089139") or ("7882440") or ("7802182") or ("20050091584") or ("20040089134") or ("6972363") or ("5566330") or ("8423913") or ("5832481") or ("6960714") or ("7865532") or ("20090217160") or ("7516158") or ("5752018") or ("20110302513") or ("5793368") or ("20050268230") or ("5764226") or ("20070192718") or ("7017117") or ("6317142") or ("7949955") or ("20030174164") or ("5596691") or ("8869039") or ("20040089138") or ("8108779") or ("20140033009") or ("20040089133") or ("20070211055")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2020/12/05 06:06 |
| L106 | 0 | L105 and media modification with (style or effect) | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:06 |
| L107 | 42 | L105 and modification | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:06 |
| L108 | 42 | L107 and style | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:06 |
| L109 | 13 | L108 and adjustment | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:06 |
| L110 | 13 | L109 and (filtering or exposure or color or speed) | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:06 |
| L111 | 50 | (("6633300") or ("20080018665") or ("20050234884") or ("7170519") or ("20030193502") or ("20070120857") or ("7995071") or ("7391422") or ("7602396") or ("8294715") or ("20080192062") or ("7126609") or ("20030231204") or ("20070013711") or ("6986107") or ("20060020897") or | US-PGPUB; USPAT; USOCR | OR | OFF | 2020/12/05 06:06 |

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|---|---|---|---|---|---|---|
| | | ("7490290") or ("20020171668") or ("6897880") or ("20070101285") or ("20040089139") or ("7882440") or ("7802182") or ("20050091584") or ("20040089134") or ("6972363") or ("5566330") or ("8423913") or ("5832481") or ("6960714") or ("7865532") or ("20090217160") or ("7516158") or ("5752018") or ("20110302513") or ("5793368") or ("20050268230") or ("5764226") or ("20070192718") or ("7017117") or ("6317142") or ("7949955") or ("20030174164") or ("5596691") or ("8869039") or ("20040089138") or ("8108779") or ("20140033009") or ("20040089133") or ("20070211055")).PN. | | | | |
| L112 | 0 | L111 and trailing light | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:06 |
| L113 | 134 | ((creat$4 or publish$4 or generat$4) multimedia) with ((user or participant or attendee) (input or selection or choice or desire or request)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:06 |
| L114 | 0 | L113 and trailing light | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:06 |
| L115 | 203 | special effect with superimpos$4 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2020/12/05 06:06 |
| L116 | 0 | L115 and trailing light | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:06 |
| L117 | 0 | media compositing and trailing light | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:06 |
| L118 | 0 | video compositing and trailing light | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:06 |
| L119 | 112 | trailing light | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:06 |
| L120 | 71 | L119 and (style or effect) | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:06 |
| L121 | 0 | L119 and video editing | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:06 |
| L122 | 13 | ("20100158380" \| "4999709" \| "5249039" \| "6034740" \| "20120002061" \| "4319266" \| "20100128980" \| "20100208129" \| "20070288978" \| "20120291020" \| "5233423" \| "6020931" \| "6909806").PN. | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:06 |

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|---|---|---|---|---|---|---|
| L123 | 0 | "20080018665" "7882440" "20070101285" "6633300" "20050091584" "7602396" "7995071" "20080192062" "7391422" "20090184966" "8345056" "20070013711" "7126609" "6005566" "20160371868" "20060070005" "20130290839" "8423913" "7490290" "20090184964" "20050234884" "9418459" "8255069" "20080134077" "8255808" "20080077879" "20090043410" "20020154153" "20060008779" "7000187" "20060020897" "20110116133" "20130080879" "9082207" "8549392" "5602981" "20090002386" "20090184973" "20030098886" "8044973" "20060031045" "20100207950" "7030890" "20100011291" "7363306" "20070050699" "7603627" "20070120857" "20030193502" "6512529" | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:06 |
| L124 | 50 | (("20080018665") or ("7882440") or ("20070101285") or ("6633300") or ("20050091584") or ("7602396") or ("7995071") or ("20080192062") or ("7391422") or ("20090184966") or ("8345056") or ("20070013711") or ("7126609") or ("6005566") or ("20160371868") or ("20060070005") or ("20130290839") or ("8423913") or ("7490290") or ("20090184964") or ("20050234884") or ("9418459") or ("8255069") or ("20080134077") or ("8255808") or ("20080077879") or ("20090043410") or ("20020154153") or ("20060008779") or ("7000187") or ("20060020897") or ("20110116133") or ("20130080879") or ("9082207") or ("8549392") or ("5602981") or ("20090002386") or ("20090184973") or ("20030098886") or ("8044973") or ("20060031045") or ("20100207950") or ("7030890") or ("20100011291") or ("7363306") or ("20070050699") or ("7603627") or ("20070120857") or ("20030193502") or ("6512529")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2020/12/05 06:06 |
| L125 | 48 | L124 and style | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:06 |

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|---|---|---|---|---|---|---|
| L126 | 7 | L125 and listing | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:06 |
| L127 | 124 | video edit$4 with (filtering or ((exposure or color or speed) adjustment)) | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:06 |
| L161 | 50 | (("20080247727") or ("8624895") or ("20060158461") or ("20100010893") or ("8591332") or ("6469723") or ("6395969") or ("20070121011") or ("6556205") or ("8213774") or ("8577204") or ("6501476") or ("7764286") or ("20070103558") or ("20090167192") or ("20020146232") or ("6700579") or ("20080112683") or ("20030033424") or ("7526178") or ("6529200") or ("20030001827") or ("20030085899") or ("6791552") or ("20020116716") or ("8990693") or ("4979021") or ("20110311199") or ("9159190") or ("20140057726") or ("20060192852") or ("20080092047") or ("7852348") or ("20070126757") or ("20080062196") or ("9613490") or ("7769270") or ("20160012673") or ("20050025454") or ("7512886") or ("20100050083") or ("9420672") or ("9032297") or ("20020049847") or ("6782539") or ("20030185296") or ("20110057582") or ("20060204214") or ("7930391") or ("20150023651")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2020/12/05 06:07 |
| L162 | 0 | L161 and trailing light effect | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:07 |
| L163 | 48 | L161 and effect | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:07 |
| L164 | 1 | L163 and trailing light | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:07 |
| L165 | 0 | trailing light special effect | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:07 |
| L166 | 0 | trailing light after effect | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:07 |
| L167 | 0 | trailing light effect | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:07 |
| L168 | 0 | trail light effect | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:07 |
| L169 | 0 | L161 and light trail effect | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:07 |
| L170 | 0 | trailblaze$4 effect | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:07 |

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|---|---|---|---|---|---|---|
| L171 | 0 | light streak effect | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:07 |
| L172 | 0 | trailing light animation | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:07 |
| L173 | 2 | "20120017150" | US-PGPUB; USPAT; DERWENT | ADJ | ON | 2020/12/05 06:07 |
| L174 | 8 | (US-20150365600-$ \| US-8332429-$ \| US-8577169-$ \| US-8587687-$ \| US-9087269-$ \| US-9374517-$ \| US-9385324-$ \| US-9641760-$).DID. | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:07 |
| L175 | 50 | (("20050265580") or ("7877706") or ("20080170748") or ("20090041298") or ("20040056882") or ("8711224") or ("20060192852") or ("7124366") or ("20050185823") or ("20010040592") or ("6469711") or ("7447331") or ("9256355") or ("20060047704") or ("20030237091") or ("20100035631") or ("20130120244") or ("8549418") or ("20110262002") or ("20100277411") or ("20070146372") or ("9898675") or ("7675520") or ("20090040301") or ("8451333") or ("8452051") or ("8351651") or ("20120022924") or ("8117544") or ("20110302293") or ("20110150271") or ("20140344408") or ("20130286212") or ("20120177254") or ("20050257137") or ("8954887") or ("20140247346") or ("7324069") or ("20160253068") or ("20130129155") or ("9232353") or ("20040105570") or ("20130257724") or ("20110055049") or ("20170131781") or ("9386283") or ("20060090134") or ("8374423") or ("20130073981") or ("20170308156")).PN. | US-PGPUB; USPAT | OR | OFF | 2020/12/05 06:07 |
| L176 | 0 | L175 and trailing light | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:07 |
| L177 | 0 | L175 and light trail | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:07 |
| L178 | 0 | L175 and light trail with tracking motion | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:07 |
| L179 | 0 | tracking motion with light trail | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:07 |
| L180 | 244 | light trail | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:07 |

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| L181 | 7 | L180 and track$4 motion | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:07 |
| L182 | 130 | L180 and motion | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:07 |
| L183 | 50 | (("20040056882") or ("7124366") or ("20060192852") or ("20010040592") or ("6469711") or ("7259747") or ("20060047704") or ("20090041298") or ("7644364") or ("20070089152") or ("8711224") or ("20050265580") or ("20100277411") or ("20130073981") or ("9898675") or ("20030146915") or ("20110096144") or ("20040125148") or ("7823058") or ("20040125133") or ("20040227768") or ("20060253781") or ("20110107369") or ("20040125121") or ("20020186221") or ("20070146372") or ("8549418") or ("8645832") or ("8452051") or ("7432940") or ("7082572") or ("7675520") or ("8307273") or ("20100037273") or ("8351651") or ("8972861") or ("20150023651") or ("7834846") or ("20110181606") or ("20100050083") or ("9171390") or ("8451333") or ("20070074115") or ("20090040301") or ("20170092325") or ("20130120244") or ("7739599") or ("20090129740") or ("20090251460") or ("8913878")).PN. | US-PGPUB; USPAT | OR | OFF | 2020/12/05 06:07 |
| L184 | 0 | L183 and trailing light | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:07 |
| L185 | 20 | L183 and special effect | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:08 |
| L186 | 8 | L185 and trail | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:08 |
| L187 | 12 | L185 and light | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:08 |
| L188 | 50 | (("7259747") or ("20030146915") or ("7432940") or ("7124366") or ("20040056882") or ("9171390") or ("6469711") or ("20020186221") or ("20010040592") or ("20080062123") or ("8300042") or ("20110181606") or ("7834846") or ("6504552") or ("20080295035") or ("6215485") or ("20060047704") or ("8711224") or ("20090041298") or ("20060214935") or ("7518611") or ("20110053688") or ("8292733") or ("8451333") or ("8616971") or ("20110022202") or | US-PGPUB; USPAT | OR | OFF | 2020/12/05 06:08 |

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|---|---|---|---|---|---|---|
| | | ("20150023651") or ("20110021257") or ("8913878") or ("20100050083") or ("20080219509") or ("9711179") or ("20090040301") or ("20060055700") or ("20170092325") or ("8992315") or ("20040227768") or ("20100201692") or ("20130113807") or ("20100194763") or ("8542238") or ("20130286212") or ("8253747") or ("20130058532") or ("20050265580") or ("20050231512") or ("6686970") or ("7823058") or ("9386283") or ("20040125148")).PN. | | | | |
| L189 | 0 | L188 and light trail | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:08 |
| L190 | 0 | L188 and trailing light | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:08 |
| L191 | 0 | L188 and tracking motion with light trail | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:08 |
| L192 | 0 | L188 and tracking motion with trailing light | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:08 |
| L193 | 0 | L188 and tracking motion | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:08 |
| L194 | 28 | L188 and special effect | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:08 |
| L195 | 50 | (("20040056882") or ("7124366") or ("6469711") or ("20010040592") or ("20110025818") or ("7886229") or ("20080126937") or ("7770115") or ("20080109724") or ("20050265580") or ("7274803") or ("7877706") or ("9042454") or ("20070146372") or ("20080212942") or ("20160027188") or ("20080170622") or ("20080219509") or ("20080170748") or ("20040155962") or ("9881382") or ("9177387") or ("7675520") or ("20110096144") or ("7823058") or ("20040125148") or ("20130058532") or ("7804506") or ("6774908") or ("20090324079") or ("8422783") or ("8972861") or ("20030237091") or ("20040071441") or ("8645832") or ("20040066395") or ("20040212630") or ("8379098") or ("20060253781") or ("7082572") or ("20130073981") or ("20110261213") or ("7138963") or ("8307273") or ("20040125133") or ("20040125121") or ("6628303") or ("20040227768") or ("20030146915") or ("20100138745")).PN. | US-PGPUB; USPAT | OR | OFF | 2020/12/05 06:08 |

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| L196 | 9 | L195 and tracking object | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:08 |
| L197 | 50 | (("20090164034") or ("20090164902") or ("20020109712") or ("6968506") or ("20100064219") or ("20110202562") or ("20100028846") or ("8597031") or ("20170116881") or ("20190057616") or ("10127831") or ("20170337912") or ("5732216") or ("20140308631") or ("9495882") or ("20070260690") or ("20120057842") or ("20160182855") or ("20100142926") or ("9635312") or ("7592532") or ("20030110503") or ("20090248182") or ("8855469") or ("20090177303") or ("20080200154") or ("8230343") or ("20190138553") or ("20130064527") or ("20050144189") or ("20030093790") or ("8112504") or ("8995815") or ("10180982") or ("20150150046") or ("20080092168") or ("9124650") or ("20140163707") or ("20090198358") or ("20130216206") or ("20080155616") or ("8818175") or ("5867494") or ("20080005130") or ("20090144786") or ("5999525") or ("7509178") or ("20040015566") or ("20070236585") or ("8015302")).PN. | US-PGPUB; USPAT | OR | OFF | 2020/12/05 06:08 |
| L198 | 0 | L197 and (countdown (indication or mark$4)) and privacy attribute | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:08 |
| L199 | 0 | L197 and (countdown (indication or mark$4)) | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:08 |
| L200 | 26 | L197 and privacy | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:08 |
| L201 | 11 | L200 and record button | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:08 |
| L202 | 11 | L201 and (timing or latency) | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:08 |
| L203 | 39,146 | (G11B27/034 or G06F3/0481).cpc. | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:08 |
| L204 | 2 | L197 and L203 | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:08 |
| L205 | 18 | ("20020091847" \| "20060212148" \| "20060287989" \| "20070079691" \| "20080034309" \| "20080086689" \| "20080113797" \| "20080154959" \| "20080215763" \| "20090044689" \| "20090069913" \| "20090093302" \| "20090106429" \| "20090150797" \| | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:08 |

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|---|---|---|---|---|---|---|
| | | "20090157845" \| "6356971" \| "7825322" \| "7925973").PN. | | | | |
| L206 | 1 | L205 and record button | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:08 |
| L207 | 1 | L205 and privacy | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:08 |
| L208 | 1 | "20190149762" | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:08 |
| L209 | 29 | (("8589992") or ("20110296474") or ("20110296473") or ("8918820") or ("20080189617") or ("9262545") or ("20080109306") or ("6981050") or ("8055779") or ("9124650") or ("20070038567") or ("20070130015") or ("20080263602") or ("20020049852") or ("20130166580") or ("20070162487") or ("7769827") or ("20080263056") or ("8855469") or ("7222163") or ("20080200154") or ("20190138553") or ("20060253542") or ("20040220926") or ("20130064527") or ("20080028047") or ("20150150046") or ("20110214045") or ("20180357248")).PN. | US-PGPUB; USPAT | OR | OFF | 2020/12/05 06:08 |
| L210 | 0 | L209 and ((publish$4 or share$4) video stream) | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:08 |
| L211 | 26 | L209 and video stream$4 | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:08 |
| L212 | 0 | L209 and user request with video stream$4 | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:09 |
| L213 | 26 | L211 and (request or prompt) | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:09 |
| L214 | 26 | L211 and (request or prompt or inquiry) | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:09 |
| L215 | 21 | L211 and media server | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:09 |
| L216 | 0 | L209 and user$1define$2 tag | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:09 |
| L217 | 0 | L209 and user defined tag | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:09 |
| L218 | 0 | video stream$$ with user defined tag | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:09 |
| L219 | 0 | video stream$4 with user defined tag | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:09 |
| L220 | 1 | video stream$4 with defined tag | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:09 |

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| L221 | 0 | L209 and (user (defined or configurable)) (tag or attribute or parameter) | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:09 |
| L222 | 5 | video stream$4 with (user (defined or configurable)) (tag or attribute or parameter) | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:09 |
| L223 | 43 | (("20080109306") or ("20080104246") or ("20090132942") or ("7987431") or ("20130067510") or ("20090013347") or ("20170054571") or ("20080307454") or ("9204102") or ("7028264") or ("20030020671") or ("20090007172") or ("20170118037") or ("20110072037") or ("8307392") or ("8316392") or ("20110010623") or ("20120303439") or ("20080294694") or ("20140176796") or ("20100201815") or ("9173009") or ("20160043985") or ("20160308813") or ("6426778") or ("9124650") or ("20110225417") or ("8644702") or ("9385984") or ("9667581") or ("8099758") or ("20060259949") or ("20070192739") or ("20130104251") or ("20070130015") or ("10637724") or ("20190354552") or ("8640030") or ("20170272316") or ("20200127891") or ("20070061266") or ("20180239499") or ("20080195664")).PN. | US-PGPUB; USPAT | OR | OFF | 2020/12/05 06:09 |
| L224 | 1 | L223 and (user (defined or configurable)) (tag or attribute or parameter) | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:09 |
| L225 | 0 | L223 and video stream$4 with (user (defined or configurable)) (tag or attribute or parameter) | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:09 |
| L226 | 30 | (("20120303439") or ("6687694") or ("20130104251") or ("8347088") or ("20070061266") or ("20080109306") or ("20170054571") or ("20090132942") or ("7987431") or ("20170118037") or ("8200700") or ("20070061487") or ("6426778") or ("20080104246") or ("20160283074") or ("20090013347") or ("20080307454") or ("20130067510") or ("7028264") or ("20030020671") or ("20090007172") or ("20100045791") or ("8700772") or ("8307392") or ("9204102") or ("10523689") or ("20180191740") or ("8316392") or ("20100205203") or ("20180219976")).PN. | US-PGPUB; USPAT | OR | OFF | 2020/12/05 06:09 |

| | | | | | | |
|---|---|---|---|---|---|---|
| L227 | 0 | L226 and video stream$4 with (user (defined or configurable)) (tag or attribute or parameter) | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:09 |
| L228 | 2 | L226 and (user (defined or configurable)) (tag or attribute or parameter) | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:09 |
| L229 | 6 | L226 and (defined or configurable) (tag or attribute or parameter) | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:09 |
| L230 | 1 | L226 and (defined or configurable) (tag or attribute or parameter) with stream$4 | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:09 |
| L231 | 10 | L226 and (((defined or configurable) (tag or attribute or parameter)) or metadata) with stream$4 | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:09 |

**EAST Search History (Interference)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L7 | 0 | (encod$4 (component or segment)) with ((publish$4 or share$4) video stream).clm. | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 05:59 |
| L8 | 0 | user request with (encod$4 (component or segment)) with ((publish$4 or share$4) video stream).clm. | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:01 |
| L9 | 0 | (user request or prompt or inquiry) with (encod$4 (component or segment)) with ((publish$4 or share$4) video stream).clm. | US-PGPUB; USPAT | ADJ | ON | 2020/12/05 06:01 |

12/5/2020 6:37:04 AM
C:\Users\psalomon\Documents\EAST\Workspaces\16248687 - Creating and Disseminating of User Generated Media over a Network.wsp

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# BIB DATA SHEET

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| SERIAL NUMBER | FILING or 371(c) DATE<br>RULE | CLASS | GROUP ART UNIT | ATTORNEY DOCKET NO. |
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| 16/248,687 | 01/15/2019 | 715 | 2171 | 219-00003 |

**APPLICANTS**
MySongToYou, Inc., Bell Canyon, CA;

**INVENTORS**
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**** CONTINUING DATA ***************************
This application is a CON of 12/953,350 11/23/2010 ABN
which claims benefit of 61/364,500 07/15/2010

**** FOREIGN APPLICATIONS ***************************

**** IF REQUIRED, FOREIGN FILING LICENSE GRANTED **** ** SMALL ENTITY **
02/07/2019

| Foreign Priority claimed ❑ Yes ☑ No<br>35 USC 119(a-d) conditions met ❑ Yes ❑ No<br>Verified and Acknowledged /PHENUEL S SALOMON/ Examiner's Signature | ❑ Met after Allowance<br>Initials | STATE OR COUNTRY | SHEETS DRAWINGS | TOTAL CLAIMS | INDEPENDENT CLAIMS |
|---|---|---|---|---|---|
| | | CA | 23 | 11 | 3 |

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**TITLE**

Creating and Disseminating of User Generated Content Over a Network

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**
**GROUP ART UNIT 3771**

| | |
|---|---|
| EXAMINER: | **Phenuel S. Salomon** |
| APPELLANT: | **Mysongtoyou, Inc.** |
| SERIAL NO. | **16/248,687** |
| FILED: | **January 15, 2019** |
| FOR: | **Creating and Disseminating of User Generated Media Over a Network** |
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MS Appeal Brief - Patents
Commissioner of Patents and Trademarks
Washington, D.C. 20231
Attention: Board of Patent Appeals and Interferences

**APPELLANT'S BRIEF UNDER 37 CFR § 41.37**

This brief is filed in connection with the Appellant's Notice of Appeal filed on September 9, 2020. The fees required under §1.17 and any required petition for extension of time for filing this brief and fees therefore, are dealt with in the accompanying TRANSMITTAL OF APPEAL BRIEF.

This brief contains the following items under the headings in the following order:

I. Real Party in Interest

II. Related Appeals and Interferences

III. Summary of Claimed Subject Matter

IV. Argument

V. Claims Appendix

## I. Real Party In Interest

The real party in interest is the Appellant, Mysongtoyou, Inc.

## II. Related Appeals And Interferences

There are no other appeals or interferences in this matter known to Appellant.

## III. Summary of Claimed Subject Matter

The claimed subject matter as recited in **independent claim 1** is drawn to a method for generating and sharing audio/video content to a social network. See, e.g., ¶¶ [0036], [0105]. The method includes initiating a content creation process in response to a user request (*see, e.g.,* ¶¶ [0037], [0041], Fig. 16), prompting the user to record content (e.g., [0041], Fig. 17), prompting the user to select an audio composition from a list of compositions retrieved from a host server (e.g., ¶ [0038], [0081], Fig. 3, Fig. 4, Fig. 16), and presenting the user with a record button (e.g., [0084], [0086], [0103]).

It further includes presenting the user with a selection of visual media content for use as a background, where the user is presented with an interface to selectively edit the pre-recorded visual media content (e.g. [0118], Fig. 20). During a recording session, the method includes providing simultaneous aural playback of the selected composition, permitting the user to hear the composition during recording (e.g., [0068]). The recorded content is generated based on the recording session by compositing the video captured during the recording session with the pre-recorded visual media content, such that the video captured is selectively made transparent to reveal the instance of pre-recorded visual media content (e.g., [0118], Fig. 20).

After recording, a preview of the recorded content is displayed to the user, which enables timing and latency adjustments of the recorded content relative to the selected audio composition (e.g., [0072], [0073], [0093], Fig. 5). A privacy attribute is selected for the recorded content, and the recorded content is sent to the host server, which is configured to store multimedia content according to the selected privacy attribute (e.g., [0058], [0088]).

Finally, in response to receiving a request to publish the recorded content, the method includes processing and encoding individual components of the recorded content to create a streamable video (e.g., [0117], Fig. 19). The method last includes publishing the streamable video by copying the streamable video to a media server (e.g., [0117], Fig. 19).

The claimed subject matter as recited in **independent claim 11** is drawn to a method for generating and sharing audio/video content to a social network. See, e.g., ¶¶ [0036], [0105]. It is similar to claim 1, with the difference that recorded content is composited with a "second video"

rather than pre-recorded video content, and it also includes a countdown timer for a recording session, as detailed below.

The method includes initiating a content creation process in response to a user request (*see, e.g.*, ¶¶ [0037], [0041], Fig. 16), prompting the user to record content (e.g., [0041], Fig. 17), prompting the user to select an audio composition from a list of compositions retrieved from a host server (e.g., ¶ [0038], [0081], Fig. 3, Fig. 4, Fig. 16), and presenting the user with a record button (e.g., [0084], [0086], [0103]).

It also includes displaying a countdown to a video recording session based on a user interaction with the record button, and providing an indication to the user of the recording session's initiation after countdown (e.g., ¶ [0068]). During a recording session, the method includes providing simultaneous aural playback of the selected composition, permitting the user to hear the composition during recording (e.g., [0068]). Recorded content is generated based on the recording session by compositing the video captured during the recording session with a second video, such that the video captured is selectively made transparent to reveal the instance of the second video (e.g., [0118], Fig. 20).

After recording, a preview of the recorded content is displayed to the user, which enables timing and latency adjustments of the recorded content relative to the selected audio composition (e.g., [0072], [0073], [0093], Fig. 5). A privacy attribute is selected for the recorded content, and the recorded content is sent to the host server, which is configured to store multimedia content according to the selected privacy attribute (e.g., [0058], [0088]).

Finally, in response to receiving a request to publish the recorded content, the method includes processing and encoding individual components of the recorded content to create a streamable video (e.g., [0117], Fig. 19). The method last includes publishing the streamable video by copying the streamable video to a media server (e.g., [0117], Fig. 19).

The claimed subject matter as recited in **independent claim 12** is drawn to a method for generating and sharing audio/video content to a social network. *See, e.g.*, ¶¶ [0036], [0105]. It is distinct from claim 1, as explained in greater detail below, in that it requires detecting user



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movement in video captured during a recording session and representing the movement by a trailing light.

The method includes initiating a content creation process in response to a user request (*see, e.g.,* ¶¶ [0037], [0041], Fig. 16), prompting the user to record content (e.g., [0041], Fig. 17), prompting the user to select an audio composition from a list of compositions retrieved from a host server (e.g., ¶ [0038], [0081], Fig. 3, Fig. 4, Fig. 16), and presenting the user with a record button (e.g., [0084], [0086], [0103]).

It also includes displaying a countdown to a video recording session based on a user interaction with the record button, and providing an indication to the user of the recording session's initiation after countdown (e.g., ¶ [0068]). During a recording session, the method includes providing simultaneous aural playback of the selected composition, permitting the user to hear the composition during recording (e.g., [0068]).

The method further includes detecting user movement in the video captured during the recording session and representing the movement by a trailing light (e.g., [0118]).

After recording, a preview of the recorded content is displayed to the user, which enables timing and latency adjustments of the recorded content relative to the selected audio composition (e.g., [0072], [0073], [0093], Fig. 5). A privacy attribute is selected for the recorded content, and the recorded content is sent to the host server, which is configured to store multimedia content according to the selected privacy attribute (e.g., [0058], [0088]).

Finally, in response to receiving a request to publish the recorded content, the method includes processing and encoding individual components of the recorded content to create a streamable video (e.g., [0117], Fig. 19). The method last includes publishing the streamable video by copying the streamable video to a media server (e.g., [0117], Fig. 19).



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# IV. Argument

## A. Rejection of Claims 1–10 as being obvious over US 2009/0164034 ("Cohen") in view of US 2010/0027961 ("Gentile") and further in view of US 2008/0109306 ("Maigret").

The Office rejected claims 1–10 as being obvious over US 2009/0164034 ("Cohen") in view of US 2010/0027961 ("Gentile") and further in view of US 2008/0109306 ("Maigret"). Appellant respectfully disagrees and appeals that determination. The cited portions of Cohen do not disclose what the Examiner has asserted they disclose. Instead, Cohen is primarily directed to recording audio over a beat track, while the present invention is generally directed to recording video during simultaneous aural playback of songs and sharing the resulting media over a social network. None of Cohen, Gentile, or Maigret disclose "receiving a request to publish… [and] in response to the request to publish, processing and encoding … to create a streamable video," either alone or in combination. Further, even if the references did disclose each element, the Examiner has not established a motivation to combine the three disparate references and thus has not established obviousness.

### 1. Neither Cohen nor Maigret, cited by the Examiner, disclose "processing and encoding individual components of [] recorded content to create a streamable video" "in response to [a] request to publish."

The Examiner asserts that Cohen discloses "receiving a request to publish the recorded content; in response to the request to publish, processing and encoding individual components of the recorded content to create a streamable video; publishing the streamable video by copying the streamable video to a media server," citing paragraphs [0169] and [0170] and Figure 7, steps 714–718. Despite the Examiner's qualification that "*arguably*, these cited sections *can* reasonably read on the particular claimed features," (emphasis added), they in fact do *not* reasonably "read on" the particular claimed features because they do not disclose them.

Cohen Paragraphs [0169] and [0170] discuss generally the concept of saving content to a "service site" and disclose "[i]n response to the user request to share the track with others, a listing entry of the content is published on the service site." This does not disclose "in response to the request to publish, *processing and encoding individual components of the recorded content*

*to create a streamable video*." Figure 7 offers no such disclosure either—whether 'arguably' or otherwise.

The Examiner attempts to fill this gap by arguing in the alternative that Maigret discloses this element at Paragraph [0081]. That paragraph, though, merely describes in the abstract that a media segment "may be formatted in a streaming format." It does not describe when such formatting might occur—e.g., in response to a request to publish—or describe when or how it may be desirable to process and format user-recorded content into a streamable video. Maigret Paragraph [0081] merely provides examples of streaming media given in the context of an ad-delivery system that has nothing to do with the beat-track-challenge system of Cohen. None of the cited references, either alone or in combination, disclose this element at all.

**2. Cohen is directed generally to recording new lyrical audio over a "beat" track, and the portions of Cohen the Examiner cites do not disclose or teach a content creation process as claimed by the Applicant.**

The Examiner asserts that Cohen discloses "initiating a content creation process in response to a request from a user," citing paragraph [0164]. In the Applicant's pending claims, the content creation process includes video recording during simultaneous aural playback of a selected audio composition. Cohen, though, is primarily directed to recording audio over another user's beat track: "In one aspect of the present disclosure, an audio mix request with a first audio track representing a beat is received. One embodiment includes, recording a second audio track provided by the recording user while simultaneously performing aural playback of the beat represented by the first audio track…." Cohen, Abstract.

Though Paragraph [0164]—that cited by the Examiner—discloses a video recording process, it does so *outside* the context of simultaneous aural playback of a selected audio composition during the video recording. Cohen, [0164], Figure 7; *see* [0163]–[0171]. Indeed, in the context of video, Cohen purposes such videos for visual playback during *audio* recording, rather than as the product of audio playback during *video* recording. *See* Cohen [0095]. Thus, Cohen does *not* disclose "initiating a content creation process in response to a request from a user," as claimed by the Applicant. None of the cited references, either alone or in combination, disclose this element.

### 3. Cohen does not disclose "presenting the user with a record button" as asserted by the Examiner.

The Examiner asserts that Cohen discloses "presenting the user with a record button" in Paragraph [0174]. But Paragraph [0174] discloses no such button: it simply provides that "When the record request is received, in process 804, an indication of initiation of a recording session is presented via the service site." Paragraph [0173] merely provides that a user "can select to record a sound production over the beat"—even if this is read to disclose a "button," which it does not, it does not disclose the step of "*presenting* a record button." A physical button that is already present on a device, for example, has not been "presented" to a user. Thus the Examiner has not shown Cohen discloses this element, and none of the cited references, either alone or in combination, disclose this element.

### 4. The simultaneous aural playback contemplated by Cohen does not play a selected "composition" for recording with video—instead, it plays a "beat" after a composition comprising a "beat and a vocal expression" is selected.

The Examiner asserts that Cohen discloses "providing simultaneous aural playback of the composition during a recording session," citing to Paragraph 0074. That paragraph, though, consistent with Cohen's direction to recording audio over beats, provides only that the recording engine "can perform simultaneous aural playback of a beat to the recording user during a recording session *when the recording user has requested to record over a beat*." (emphasis added). Consistent with the overall purpose of Cohen, and as shown by the language "record over a beat," this type of request is for audio—not video—recording sessions. *See* Cohen Abstract, [0062] ("Users can also, in some embodiments, record audio tracks over tracks such as tracks comprising beats….").

Where Cohen does disclose video recording—i.e., in context of its "competition" module in Paragraph 114—it does so only after a user request to challenge a full audio "track." [0113]. As Cohen explains, "[t]he competition module 220 can receive a user request to challenge a mixed audio *track* which is typically generated from a beat and a vocal expression") (emphasis added), *compare* [0114] ("The competition module 220 can initiate a recording session to capture audio detected … while performing audible playback of the *beat* to the user"). The audio that is played during a recording session in Cohen is *not* a "composition" that was prompted to the user to

select. Cohen thus does not disclose "providing simultaneous aural playback of the composition during a recording session" where the composition is an audio composition selected from a list of compositions—as claimed by the Applicant. None of the cited references, either alone or in combination, disclose this element.

### 5. The Examiner has not established a motivation to combine Maigret, Cohen, and Gentile.

The Examiner recites separate motivations to combine Gentile with Cohen and Maigret with Cohen. For Gentile, the Examiner asserts that one would be motivated to combine its alleged disclosure of "presenting the user with a selection of visual media content for use as a background…" with Cohen because it would "allow[] a more seamless integration with existing scenes in video compositing." While a similar phrase appears in Gentile's summary, [0008], the Examiner never explains its relevance to the beat-track-challenge invention in Cohen. Indeed, nowhere does Cohen recite or teach any need for integration with existing video scenes, and that would run counter to the primary focus of Cohen on beat track challenges. Cohen, Abstract.

Separately, after asserting that Maigret discloses an element that it does not, the Examiner summarily concludes that one would be motivated to combine Maigret and Cohen "to improve the distribution system for media content." It is difficult to conclude how a person of ordinary skill in the art would be motivated to combine Cohen with Gentile to "allow a more seamless integration with existing scenes in video composition" while simultaneously combining Cohen with Maigret "to improve the distribution system for media content." The Examiner merely references irrelevant portions of Maigret and Gentile's invention summary as an excuse to graft portions of each disclosure that are not taught, referenced, or needed by the invention described in Cohen—which, again, is directed to a system of challenging beat tracks.

In any event, Maigret does not disclose "receiving a request to publish… [and] in response to the request to publish, processing and encoding … to create a streamable video." Instead, as explained above, Maigret simply discloses the idea of streamable video. It provides no disclosure whatsoever of when it would be beneficial to process the recorded content to achieve the superior results of the present invention—i.e., only after receiving a request to publish—when editing and mixing have concluded.

### B. Rejection of Claim 11 as being obvious over US 2009/0164034 ("Cohen") in view of US 2010/0027961 ("Gentile") and further in view of US 2008/0109306 ("Maigret").

The Office rejected claim 11 as being obvious over US 2009/0164034 ("Cohen") in view of US 2010/0027961 ("Gentile") and further in view of US 2008/0109306 ("Maigret"). Appellant respectfully disagrees. Claim 11 at least requires "processing and encoding individual components of [] recorded content to create a streamable video" "in response to [a] request to publish," "providing simultaneous aural playback of the [selected] composition during a recording session," "presenting the user with a selection of visual media content for use as a background…," and "receiving a request to publish… [and] in response to the request to publish, processing and encoding … to create a streamable video."

For the same reasons the Examiner has failed to establish that Cohen, Gentile, and Maigret may be permissibly combined to disclose and do in fact disclose these elements with respect to Claim 1, these references and the Examiner's argument fail to establish obviousness with respect to Claim 11, too.

### C. Rejection of Claim 12 as being obvious over US 2009/0164034 ("Cohen") in view of US 2011/0053688 ("Crawford") and further in view of US 2008/0109306 ("Maigret").

The Office rejected claim 12 as being obvious over US 2009/0164034 ("Cohen") in view of US 2011/0053688 ("Crawford") and further in view of US 2008/0109306 ("Maigret"). Appellant respectfully disagrees. Claim 12 at least requires "processing and encoding individual components of [] recorded content to create a streamable video" "in response to [a] request to publish," "providing simultaneous aural playback of the [selected] composition during a recording session," and "receiving a request to publish… [and] in response to the request to publish, processing and encoding … to create a streamable video."

For the same reasons the Examiner has failed to establish that Cohen and Maigret may be permissibly combined to disclose these elements with respect to Claim 1, they fail with respect to Claim 12, too.

In addition, the Examiner's assertion that one of ordinary skill in the art would be motivated to combine Cohen with Crawford fails under scrutiny. Neither is there a motivation to combine nor does Crawford disclose that which the Examiner says it discloses.

The Examiner contends that, though Cohen does not disclose detecting user movement in the video captured and representing such movement by a trailing light, it would have been obvious to combine Cohen with Crawford, which allegedly discloses such element. The reason: "One would have been motivated to [combine] in order to enhance object in media modification."

The Applicant is uncertain what the Examiner means by this recited motivation. It appears to be a very rough paraphrase of Crawford's summary of invention, which discloses that it "provid[es] methods and systems for enhancing or augmenting game or play surfaces of a game structure/platform such as an upper or side surface of a pool table, a lane in a bowling alley, nearly any wall or floor surface of a racquetball court, on the lane or a vehicle on a race course, and the like." This summary, though, does not provide a motivation to combine with Cohen, which is directed to a system of beat track challenges, does not relate to the video game activity described in Crawford, and does not present a need for the augmented reality gaming interface that provides additional information projected onto physical objects.

In addition, Crawford does not disclose tracking the position of a *user* in cited Paragraph [0058]. Instead, it describes tracking a position of a *ball* that is part of a game. Further, Crawford does not disclose modifying a recorded video with a "trail of flames"—it discloses instead a projection system that projects the trail of flames into the physical vicinity of the object. *See* Crawford Fig. 5, ¶ [0054]. Crawford thus does *not* disclose that which the Applicant claims: "detecting user movement in the video captured during the recording session and representing that movement by a trailing light." None of the cited references, either alone or in combination, disclose this element.



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**Request for Reconsideration**

In view of the above, Appellant respectfully requests reconsideration.

Respectfully submitted,
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## V. CLAIMS APPENDIX

1. A method for generating and sharing audio/video content to a social network, comprising:

initiating a content creation process in response to a request from a user;

prompting the user to record content;

prompting the user to select an audio composition from a list of compositions retrieved from a host server;

presenting the user with a record button;

presenting the user with a selection of visual media content for use as a background, wherein upon selecting an instance of pre-recorded visual media content from the selection, the user is presented with an interface to selectively edit the instance of pre-recorded visual media content;

providing simultaneous aural playback of the composition during a recording session, thereby permitting the user to hear the composition during recording;

generating recorded content based on the recording session by compositing video captured during the recording session with the instance of pre-recorded visual media content, such that the video captured during the recording session is selectively made transparent to reveal the instance of pre-recorded visual media content;

displaying a preview of the recorded content to the user, wherein the preview of the recorded content enables the user to change the timing or latency of the recorded content to relative to the selected audio composition;

selecting a privacy attribute for the recorded content;

sending the recorded content to the host server, wherein the host server is configured to store multimedia content to facilitate access to other users according to the selected privacy attribute;

receiving a request to publish the recorded content;

in response to the request to publish, processing and encoding individual components of the recorded content to create a streamable video; and

publishing the streamable video by copying the streamable video to a media server.

2. The method of claim 1, further comprising the step of terminating the recording session after a duration of time has elapsed.

3. The method of claim 1, wherein the interface to selectively edit the pre-recorded visual media content comprises an interface to selectively remove an element of the instance of pre-recorded visual media content.

4. The method of claim 1, further comprising the step of locally saving the streamable video.

5. The method of claim 1, further comprising the step of wherein the step of generating the recorded content is executed by a client device controlled by the user.

6. The method of claim 1, wherein the audio composition comprises pre-recorded audio.

7. The method of claim 1, wherein the preview is stored in temporary memory and re-written to non-transient memory upon receiving a save request from the user

8. The method of claim 1, further comprising the steps of:
   displaying a countdown to the recording session based on a user interaction with the record button, wherein the recording session comprises video recording; and
   providing the user an indication of the initiation of the recording session after the countdown to the recording session has counted down.

9. The method of claim 1, further comprising associating user-defined tags with the streamable video.

10. The method of claim 1, further comprising:
    displaying a countdown to the recording session based on a user interaction with the record button, wherein the recording session comprises video recording;
    providing the user an indication of the initiation of the recording session after the countdown to the recording session has counted down;

11. A method for generating and sharing audio/video content to a social network, comprising:
    initiating a content creation process in response to a request from a user;
    prompting the user to record content;



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prompting the user to select an audio composition from a list of compositions retrieved from a host server;

presenting the user with a record button;

displaying a countdown to a recording session based on a user interaction with the record button, wherein the recording session comprises video recording;

providing the user an indication of the initiation of the recording session after the countdown to the recording session has counted down;

providing simultaneous aural playback of the composition during the recording session, thereby permitting the user to hear the composition during recording;

generating recorded content based on the recording session by compositing video captured during the recording session with a second video recording such that the video captured during the recording session is selectively made transparent to reveal the second video recording;

displaying a preview of the recorded content to the user, wherein the preview of the recorded content enables the user to change the timing or latency of the recorded content to relative to the selected audio composition;

selecting a privacy attribute for the recorded content;

sending the recorded content to the host server, wherein the host server is configured to store multimedia content to facilitate access to other users according to the selected privacy attribute;

prompting the user to continue editing the recorded content;

prompting the user to publish the recorded content;

in response to a request to publish, processing and encoding individual components of the recorded content to create a streamable video; and

publishing the streamable video by copying the streamable video to a media server.

12. A method for generating and sharing audio/video content to a social network, comprising:

initiating a content creation process in response to a request from a user;

prompting the user to record content;

prompting the user to select an audio composition from a list of compositions retrieved from a host server;

presenting the user with a record button;



Snap Inc. - EX1002, Page 0065

displaying a countdown to a recording session based on a user interaction with the record button, wherein the recording session comprises video recording;

providing the user an indication of the initiation of the recording session after the countdown to the recording session has counted down;

providing simultaneous aural playback of the composition during the recording session, thereby permitting the user to hear the composition during recording;

generating recorded content based on the recording session;

detecting user movement in the video captured during the recording session and representing that movement by a trailing light;

displaying a preview of the recorded content to the user, wherein the preview of the recorded content enables the user to change the timing or latency of the recorded content to relative to the selected audio composition;

selecting a privacy attribute for the recorded content;

sending the recorded content to the host server, wherein the host server is configured to store multimedia content to facilitate access to other users according to the selected privacy attribute;

receiving a request to publish the recorded content;

in response to the request to publish, processing and encoding individual components of the recorded content to create a streamable video; and

publishing the streamable video by copying the streamable video to a media server.



Snap Inc. - EX1002, Page 0066

| Electronic Acknowledgement Receipt | |
|---|---|
| **EFS ID:** | 41067427 |
| **Application Number:** | 16248687 |
| **International Application Number:** | |
| **Confirmation Number:** | 5999 |
| **Title of Invention:** | Creating and Disseminating of User Generated Content Over a Network |
| **First Named Inventor/Applicant Name:** | Shane Pollack |
| **Customer Number:** | 148705 |
| **Filer:** | Sean M. Lynch/Heather Castro |
| **Filer Authorized By:** | Sean M. Lynch |
| **Attorney Docket Number:** | 219-00003 |
| **Receipt Date:** | 09-NOV-2020 |
| **Filing Date:** | 15-JAN-2019 |
| **Time Stamp:** | 11:35:50 |
| **Application Type:** | Utility under 35 USC 111(a) |

## Payment information:

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

## File Listing:

| Document Number | Document Description | File Name | File Size(Bytes)/ Message Digest | Multi Part /.zip | Pages (if appl.) |
|---|---|---|---|---|---|
| 1 | Transmittal Letter | Transmittal_Appeal_Brief_219-00003.pdf | 127647<br>a7b708a1324809db0060d330e711c388a0c7d47f | no | 3 |

**Warnings:**

| Information: | | | | | |
|---|---|---|---|---|---|
| 2 | Appeal Brief Filed | Appeal_Brief_219-00003.pdf | 175520<br>0d34319ca91b623eeb703ed7e515474914<br>1b49e6 | no | 15 |
| Warnings: | | | | | |
| Information: | | | | | |
| | | | Total Files Size (in bytes): | 303167 | |

**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.**

Atty Docket No. 219-00003

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

In re application of: Mysongtoyou, Inc.

Application No.: 16/248,687
Filed: January 15, 2019
For: Creating and Disseminating of User Generated Media Over a Network

**CERTIFICATE OF EFS SUBMISSION (37 C.F.R. § 1.8(a)(i)(1)(C))**

I hereby certify that on November 9, 2020 the following correspondence:

Name of Paper: Appellant's Brief Under 37 CFR §41.37

Number of Pages: 15

is being submitted to the Patent and Trademark Office via the Office Electronic Filing System in accordance with § 1.6(a)(4).

/Heather Castro/
*Signature*

Telephone Number: 949-328-6628

Heather Castro
*Type or print name of person certifying*

***NOTE:*** *It is advisable to keep a copy of certification of EFS-Web transmission § 1.8), including the list of papers submitted, to establish the local time of the submissions if such evidence is needed*

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

| | |
|---|---|
| Examiner: | Phenuel S. Salomon |
| Appellant: | Mysongtoyou, Inc. |
| Application No.: | 16/248,687 |
| Filed: | January 15, 2019 |
| Title: | Creating and Disseminating of User Generated Media Over a Network |
| Art Unit: | 2171 |

Mail Stop Appeal Briefs – Patents
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**TRANSMITTAL OF APPEAL BRIEF**
**(PATENT APPLICATION--37 C.F.R. § 41.37)**

**1.** Transmitted herewith, is the APPELLANT'S BRIEF in this application, with respect to the Notice of Appeal filed on September 9, 2020.

**2.** STATUS OF APPLICANT

This application is on behalf of a small entity. A statement was already filed.

**3.** FEE FOR FILING APPEAL BRIEF

Pursuant to 37 C.F.R. § 41.20(b)(2)(i), the fee for filing the Appeal Brief is:

Small entity $0.00

**4.** EXTENSION OF TERM

The proceedings herein are for a patent application and the provisions of 37 C.F.R. § 1.136 apply.

Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition and fee for extension of time.

**5.** TOTAL FEE DUE

| | |
|---|---|
| Appeal brief fee | $0.00 |
| Extension fee | $0.00 |
| TOTAL FEE DUE | $0.00 |

**6.** FEE PAYMENT

Payment is being made via credit card.

Date: November 9, 2020

By: /Sean Lynch/
Sean Lynch
Reg. No. 75248
Tel.: (949) 829-2186

PTO/AIA/31 (03-14)
Approved for use through 11/30/2020. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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.

# NOTICE OF APPEAL FROM THE EXAMINER TO THE PATENT TRIAL AND APPEAL BOARD

Docket Number (Optional): 219-00003

I hereby certify that this correspondence is being facsimile transmitted to the USPTO, EFS-Web transmitted to the USPTO, or deposited with the United States Postal Service with sufficient postage in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, on Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on September 9, 2020.

Signature /Heather Castro/

Typed or printed name Heather Castro

In re Application of: Shane Pollack

| Application Number | Filed |
|---|---|
| 16248687 | 2019-01-15 |

For: Creating and Disseminating of User Generated Media Over a Network

| Art Unit | Examiner |
|---|---|
| 2171 | Phenuel S. Salomon |

Applicant hereby **appeals** to the Patent Trial and Appeal Board from the last decision of the examiner.

The fee for this Notice of Appeal is (37 CFR 41.20(b)(1)) $ 800.00

☑ Applicant asserts small entity status. See 37 CFR 1.27. Therefore, the fee shown above is reduced by 50%, and the resulting fee is: $ 400.00

☐ Applicant certifies micro entity status. See 37 CFR 1.29. Therefore, the fee shown above is reduced by 75%, and the resulting fee is: $ _____
Form PTO/SB/15A or B or equivalent must either be enclosed or have been submitted previously.

☐ A check in the amount of the fee is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☐ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. _____.

☑ Payment made via EFS-Web.

☐ A petition for an extension of time under 37 CFR 1.136(a) (PTO/AIA/22 or equivalent) is enclosed.
For extensions of time in reexamination proceedings, see 37 CFR 1.550.

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

I am the

☐ applicant

☑ attorney or agent of record
Registration number 75248

☐ attorney or agent acting under 37 CFR 1.34
Registration number _____

Signature /Sean Lynch/

Typed or printed name Sean Lynch

Telephone Number _____

Date September 9, 2020

**NOTE:** This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. Submit multiple forms if more than one signature is required, see below*.

☑ * Total of 1 forms are submitted.

This collection of information is required by 37 CFR 41.20(b)(1) and 41.31. 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, 1.14 and 41.6. 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.*

# 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.

# Electronic Patent Application Fee Transmittal

| | |
|---|---|
| **Application Number:** | 16248687 |
| **Filing Date:** | 15-Jan-2019 |
| **Title of Invention:** | Creating and Disseminating of User Generated Content Over a Network |
| **First Named Inventor/Applicant Name:** | Shane Pollack |
| **Filer:** | Sean M. Lynch/Heather Castro |
| **Attorney Docket Number:** | 219-00003 |

Filed as Small Entity

**Filing Fees for Utility under 35 USC 111(a)**

| Description | Fee Code | Quantity | Amount | Sub-Total in USD($) |
|---|---|---|---|---|
| **Basic Filing:** | | | | |
| **Pages:** | | | | |
| **Claims:** | | | | |
| **Miscellaneous-Filing:** | | | | |
| **Petition:** | | | | |
| **Patent-Appeals-and-Interference:** | | | | |
| NOTICE OF APPEAL | 2401 | 1 | 400 | 400 |
| **Post-Allowance-and-Post-Issuance:** | | | | |

| Description | Fee Code | Quantity | Amount | Sub-Total in USD($) |
|---|---|---|---|---|
| **Extension-of-Time:** | | | | |
| **Miscellaneous:** | | | | |
| | | | **Total in USD ($)** | **400** |

| Electronic Acknowledgement Receipt | |
|---|---|
| **EFS ID:** | 40511947 |
| **Application Number:** | 16248687 |
| **International Application Number:** | |
| **Confirmation Number:** | 5999 |
| **Title of Invention:** | Creating and Disseminating of User Generated Content Over a Network |
| **First Named Inventor/Applicant Name:** | Shane Pollack |
| **Customer Number:** | 148705 |
| **Filer:** | Sean M. Lynch/Heather Castro |
| **Filer Authorized By:** | Sean M. Lynch |
| **Attorney Docket Number:** | 219-00003 |
| **Receipt Date:** | 09-SEP-2020 |
| **Filing Date:** | 15-JAN-2019 |
| **Time Stamp:** | 18:55:08 |
| **Application Type:** | Utility under 35 USC 111(a) |

## Payment information:

| | |
|---|---|
| Submitted with Payment | yes |
| Payment Type | CARD |
| Payment was successfully received in RAM | $400 |
| RAM confirmation Number | E202099I55388681 |
| Deposit Account | |
| Authorized User | |
| The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: | |

## File Listing:

| Document Number | Document Description | File Name | File Size(Bytes)/ Message Digest | Multi Part /.zip | Pages (if appl.) |
|---|---|---|---|---|---|
| 1 | Notice of Appeal Filed | aia0031_Notice_of_Appeal_219-00003.pdf | 249497<br>35595d08f62d82ed1db6610967fb356036aa5d41 | no | 2 |
| **Warnings:** | | | | | |
| **Information:** | | | | | |
| 2 | Fee Worksheet (SB06) | fee-info.pdf | 30445<br>c87c261b8e4aa155fe37bd174a6dffceef4a8171 | no | 2 |
| **Warnings:** | | | | | |
| **Information:** | | | | | |
| | | **Total Files Size (in bytes):** | 279942 | | |

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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.**

UNITED STATES PATENT AND TRADEMARK OFFICE

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

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|---|---|---|---|
| 16/248,687 | 01/15/2019 | Shane Pollack | 219-00003 | 5999 |

148705 7590 06/10/2020

Lynch LLP
4470 W Sunset Blvd #90096
Los Angeles, CA 90027

| EXAMINER | |
|---|---|
| SALOMON, PHENUEL S | |

| ART UNIT | PAPER NUMBER |
|---|---|
| 2171 | |

| NOTIFICATION DATE | DELIVERY MODE |
|---|---|
| 06/10/2020 | 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):

patents@lynchllp.com

| *Office Action Summary* | Application No. 16/248,687 | Applicant(s) Pollack, Shane | |
|---|---|---|---|
| | Examiner PHENUEL S SALOMON | Art Unit 2171 | AIA (FITF) Status No |

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

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF 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 4/6/2020.

☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2a)☑ This action is **FINAL.** 2b) ☐ This action is non-final.

3)☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

4)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims***

5) ☑ Claim(s) 1-12 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) 1-12 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).

**Certified copies:**

a)☐ All b)☐ Some** c)☐ None of the:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

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

**Attachment(s)**

1) ☑ Notice of References Cited (PTO-892)

2) ☐ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b) Paper No(s)/Mail Date _____.

3) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date _____.

4) ☐ Other: _____.

***Notice of Pre-AIA or AIA Status***

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

## DETAILED ACTION

2. This office action is in response to the amendment filed of 04/06/2020. Claims 8-12 are newly added and claims 1-12 are pending and have been considered below.

***Objection***

3. Claim 10 is objected to because of the following informalities: There is a semicolon at the end of the claim limitation which suggests further limitation(s). The Examiner inquires whether there's/are missing additional limitation(s). Appropriate correction is required.

Applicant is advised that should claim 8 be found allowable, claim 10 will be objected to under 37 CFR 1.75 as being a substantial duplicate thereof. When two claims in an application are duplicates or else are so close in content that they both cover the same thing, despite a slight difference in wording, it is proper after allowing one claim to object to the other as being a substantial duplicate of the allowed claim. See MPEP § 706.03(k).

***Claim Rejections - 35 USC § 103***

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

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made

to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

5. Claim(s) 1-10 is/are rejected under pre-AIA 35 U.S.C. 103 as being unpatentable over Cohen et al. (US 2009/0164034) in view of Gentile et al. (US 2010/0027961) and further in view of Maigret et al. (US 2008/0109306).

Claim 1. Cohen discloses a method for generating and sharing audio/video content to a social network, comprising:

initiating a content creation process in response to a request from a user ([0164]);

prompting the user to record content ([0164]);

prompting the user to select an audio composition from a list (*browsing*) of compositions retrieved from a host server ([0173]);

presenting the user with a record button ([0174]);

providing simultaneous aural playback of the composition during a recording session, thereby permitting the user to hear the composition during recording ([0074]);

displaying a preview of the recorded content to the user, wherein the preview of the recorded content enables the user to change the timing or latency of the recorded content to relative to the selected audio composition ([0082]-[0083], [0086]);

selecting a privacy attribute for the recorded content ([0043],[0187]); sending the recorded content to the host server, wherein the host server is configured to store multimedia content to facilitate access to other users according to the selected privacy attribute ([0047], [0187]);

receiving a request to publish the recorded content; in response to the request to publish, processing and encoding individual components of the recorded content to create a streamable

video; and publishing the streamable video by copying the streamable video to a media server ([0169]-[0170], fig. 7 steps 714-718) [arguably, these cited sections can reasonably read on the particular claimed features].

Cohen fails to explicitly disclose presenting the user with a selection of visual media content for use as a background, wherein upon selecting an instance of pre-recorded visual media content from the selection, the user is presented with an interface to selectively edit the instance of pre-recorded visual media content;

generating recorded content based on the recording session by compositing video captured during the recording session with the instance of pre- recorded visual media content, such that the video captured during the recording session is selectively made transparent to reveal the instance of pre-recorded visual media content;

However Gentile discloses presenting the user with a selection of visual media content for use as a background, wherein upon selecting an instance of pre-recorded visual media content from the selection, the user is presented with an interface to selectively edit the instance of pre-recorded visual media content ([0138], [0148]-[0149], fig. 8);

generating recorded content based on the recording session by compositing video captured during the recording session with the instance of pre- recorded visual media content, such that the video captured during the recording session is selectively made transparent to reveal the instance of pre-recorded visual media content ([0083]-[0084], [0121]-[0122]). Therefore, it would have been an obvious suggestion to one having ordinary skill in the art at the time the invention was made to include these features in Cohen. One would have been motivated to do so by allowing a more seamless integration with existing scenes in video compositing.

In the alternative, Maigret discloses receiving a request to publish the recorded content; in response to the request to publish, processing and encoding individual components of the recorded content to create a streamable video; and publishing the streamable video by copying the streamable video to a media server ([0081]). Therefore, it would have been an obvious suggestion to one having ordinary skill in the art at the time the invention was made to include these features in Cohen. One would have been motivated to do so in order to improve the distribution system for media content.

Claim 2. Cohen Gentile and Maigret disclose the method of claim 1, Cohen further discloses comprising the step of terminating the recording session after a duration of time has elapsed ([0168]).

Claim 3. Cohen Gentile and Maigret disclose the method of claim 1, Gentile further discloses wherein the interface to selectively edit the pre-recorded visual media content comprises an interface to selectively remove an element of the instance of pre-recorded visual media content ([0119]-[0120],figs. 5ab). One would have been motivated to do so by allowing a more seamless integration with existing scenes in video compositing.

Claim 4. Cohen Gentile and Maigret disclose the method of claim 1, Cohen further discloses comprising the step of locally saving the recorded streamable video ([0179],[0185]).

Claim 5. Cohen Gentile and Maigret disclose the method of claim 1, Cohen further discloses comprising the step of wherein the step of generating the recorded content is executed by a client device controlled by the user ([0054]-[0055], [0062]).

Claim 6. Cohen Gentile and Maigret disclose the method of claim 1, Cohen further discloses wherein the audio composition comprises pre-recorded audio (*beat that the user recorded over*) ([0176])

Claim 7. Cohen Gentile and Maigret disclose the method of claim 1, Cohen further discloses wherein the preview is stored in temporary memory and re-written to non-transient memory upon receiving a save request from the user ([0078], [0185]).

Claim 8. Cohen Gentile and Maigret disclose the method of claim 1, Cohen further discloses comprising the steps of:

displaying a countdown to a recording session based on a user interaction with the record button, wherein the recording session comprises video recording ([0041],[0048],[0074]);

providing the user an indication of the initiation of the recording session after the countdown to the recording session has counted down ([0074]).

Claim 9. Cohen Gentile and Maigret disclose the method of claim 1, Gentile further discloses comprising associating user-defined tags with the streamable video (*user can add metadata to the introduction, such as title, description, category, and/or tags. Once the combined video is*

*complete, the user can upload the video to a central storage for sharing, such as a website*)

([0154]). One would have been motivated to do so in order to optimize video streaming.

Claim 10 Cohen Gentile and Maigret disclose method of claim 1, Cohen further discloses comprising:

displaying a countdown to a recording session based on a user interaction with the record button, wherein the recording session comprises video recording ([0041],[0048],[0074]);

providing the user an indication of the initiation of the recording session after the countdown to the recording session has counted down ([0074]).

6. Claim(s) 11 is/are rejected under pre-AIA 35 U.S.C. 103 as being unpatentable over Cohen et al. (US 2009/0164034) in view of Gentile et al. (US 2010/0027961) and further in view of Maigret et al. (US 2008/0109306).

Claim 11. Cohen discloses a method for generating and sharing audio/video content to a social network, comprising:

initiating a content creation process in response to a request from a user ([0164]);

prompting the user to record content ([0164]);

prompting the user to select an audio composition from a list (*browsing*) of compositions retrieved from a host server ([0173]);

presenting the user with a record button ([0174]);

displaying a countdown to a recording session based on a user interaction with the record button, wherein the recording session comprises video recording ([0041],[0048],[0074]);

providing the user an indication of the initiation of the recording session after the countdown to the recording session has counted down ([0074]);

providing simultaneous aural playback of the composition during the recording session, thereby permitting the user to hear the composition during recording ([0074]);

displaying a preview of the recorded content to the user, wherein the preview of the recorded content enables the user to change the timing or latency of the recorded content to relative to the selected audio composition ([0082]-[0083], [0086]);

selecting a privacy attribute for the recorded content ([0043],[0187]);

sending the recorded content to the host server, wherein the host server is configured to store multimedia content to facilitate access to other users according to the selected privacy attribute ([0047], [0187]);

prompting the user to publish the recorded content; in response to a request to publish, processing and encoding individual components of the recorded content to create a streamable video; and publishing the streamable video by copying the streamable video to a media server ([0169]-[0170], fig. 7 steps 714-718) [arguably, these cited sections can reasonably read on the particular claimed features].

Cohen does not explicitly disclose generating recorded content based on the recording session by compositing video captured during the recording session with the instance of pre-recorded visual media content, such that the video captured during the recording session is selectively made transparent to reveal the instance of pre-recorded visual media content;

prompting the user to continue editing the recorded content;

However Gentile discloses disclose generating recorded content based on the recording session by compositing video captured during the recording session with the instance of pre-

recorded visual media content, such that the video captured during the recording session is selectively made transparent to reveal the instance of pre-recorded visual media content ([0083]-[0084], [0121]-[0122]); prompting the user to continue editing the recorded content ([0154]);. Therefore, it would have been an obvious suggestion to one having ordinary skill in the art at the time the invention was made to include these features in Cohen. One would have been motivated to do so by allowing a more seamless integration with existing scenes in video compositing.
In the alternative, Maigret discloses prompting the user to publish the recorded content;
in response to a request to publish, processing and encoding individual components of the recorded content to create a streamable video; and publishing the streamable video by copying the streamable video to a media server ([0081]). Therefore, it would have been an obvious suggestion to one having ordinary skill in the art at the time the invention was made to include these features in Cohen. One would have been motivated to do so in order to improve the distribution system for media content.

7. Claim(s) 12 is/are rejected under pre-AIA 35 U.S.C. 103 as being unpatentable over Cohen et al. (US 2009/0164034) in view of Crawford et al. (US 2011/0053688) and further in view of Maigret et al. (US 2008/0109306).

Claim 12. Cohen discloses a method for generating and sharing audio/video content to a social network, comprising:

initiating a content creation process in response to a request from a user ([0164]);

prompting the user to record content ([0164]);

prompting the user to select an audio composition from a list (*browsing*) of compositions retrieved from a host server ([0173]);

presenting the user with a record button ([0174]);

displaying a countdown to a recording session based on a user interaction with the record button, wherein the recording session comprises video recording ([0041],[0048],[0074]);

providing the user an indication of the initiation of the recording session after the countdown to the recording session has counted down ([0074]);

providing simultaneous aural playback of the composition during the recording session, thereby permitting the user to hear the composition during recording ([0074]);

generating recorded content based on the recording session ([0176]);

displaying a preview of the recorded content to the user, wherein the preview of the recorded content enables the user to change the timing or latency of the recorded content to relative to the selected audio composition ([0082]-[0083], [0086]);

selecting a privacy attribute for the recorded content ([0043],[0187]);

sending the recorded content to the host server, wherein the host server is configured to store multimedia content to facilitate access to other users according to the selected privacy attribute ([0047], [0187]);

receiving a request to publish the recorded content; in response to the request to publish, processing and encoding individual components of the recorded content to create a streamable video; and publishing the streamable video by copying the streamable video to a media server ([0169]-[0170], fig. 7 steps 714-718) [arguably, these cited sections can reasonably read on the particular claimed features].

Cohen fails to explicitly disclose detecting user movement in the video captured during the recording session and representing that movement by a trailing light.

However Crawford discloses detecting user movement in the video captured during the recording session and representing that movement by a trailing light (*trail of flames or sparks*) ([0054]). Therefore, it would have been an obvious suggestion to one having ordinary skill in the art at the time the invention was made to include these features in Cohen. One would have been motivated to do so in order to enhance object in media modification.

In the alternative, Maigret discloses receiving a request to publish the recorded content; in response to the request to publish, processing and encoding individual components of the recorded content to create a streamable video; and publishing the streamable video by copying the streamable video to a media server ([0081]). Therefore, it would have been an obvious suggestion to one having ordinary skill in the art at the time the invention was made to include these features in Cohen. One would have been motivated to do so in order to improve the distribution system for media content.

### *Response to Arguments*

8. Applicant's arguments filed on 04/06/2020 have been fully considered but they are moot in light of new ground of rejection(s).

### *Conclusion*

9. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). 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 date of this final action.

10. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure (See PTO-892).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phenuel S. Salomon whose telephone number is (571) 270-1699. The examiner can normally be reached on Mon-Fri 7:00 A.M. to 4:00 P.M. (Alternate Friday Off) EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Abdullah Al Kawsar can be reached on (571) 270-3169. The fax phone number for the organization where this application or proceeding is assigned is 571-273-3800. 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.

/PHENUEL S SALOMON/
Primary Examiner, Art Unit 2171

| Notice of References Cited | Application/Control No. 16/248,687 | Applicant(s)/Patent Under Reexamination Pollack, Shane | |
|---|---|---|---|
| | Examiner PHENUEL S SALOMON | Art Unit 2171 | Page 1 of 1 |

**U.S. PATENT DOCUMENTS**

| * | | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Name | CPC Classification | US Classification |
|---|---|---|---|---|---|---|
| * | A | US-20100027961-A1 | 02-2010 | Gentile; Anthony | H04N5/272 | 386/278 |
| * | B | US-20110053688-A1 | 03-2011 | Crawford; David W. | A63D5/04 | 463/31 |
| * | C | US-20080109306-A1 | 05-2008 | Maigret; Robert Joseph | G06Q30/0275 | 705/14.46 |
| * | D | US-20060253542-A1 | 11-2006 | McCausland; Douglas | H04L67/2838 | 709/207 |
| * | E | US-6546556-B1 | 04-2003 | Kataoka; Mitsuteru | H04N7/088 | 725/35 |
| * | F | US-6687694-B2 | 02-2004 | Miller; Jim | G06K9/00973 | 706/20 |
| * | G | US-20100045791-A1 | 02-2010 | Drive; Marine | G06F3/0482 | 348/143 |
| * | H | US-20080307454-A1 | 12-2008 | Ahanger; Gulrukh | G06Q30/02 | 725/36 |
| * | I | US-20110246937-A1 | 10-2011 | Roberts; Brian F. | G11B27/34 | 715/810 |
| | J | | | | | |
| | K | | | | | |
| | L | | | | | |
| | M | | | | | |

**FOREIGN PATENT DOCUMENTS**

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

**NON-PATENT DOCUMENTS**

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

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

| Index of Claims | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|---|---|---|
| | 16/248,687 | Pollack, Shane |
| | **Examiner** | **Art Unit** |
| | PHENUEL S SALOMON | 2171 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ✓ | Rejected | - | Cancelled | N | Non-Elected | A | Appeal |
| = | Allowed | ÷ | Restricted | I | Interference | O | Objected |

**CLAIMS**

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

| CLAIM | | DATE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Final | Original | 11/10/2019 | 06/02/2020 | | | | | | | |
| | 1 | ✓ | ✓ | | | | | | | |
| | 2 | ✓ | ✓ | | | | | | | |
| | 3 | ✓ | ✓ | | | | | | | |
| | 4 | ✓ | ✓ | | | | | | | |
| | 5 | ✓ | ✓ | | | | | | | |
| | 6 | ✓ | ✓ | | | | | | | |
| | 7 | ✓ | ✓ | | | | | | | |
| | 8 | | ✓ | | | | | | | |
| | 9 | | ✓ | | | | | | | |
| | 10 | | ✓ | | | | | | | |
| | 11 | | ✓ | | | | | | | |
| | 12 | | ✓ | | | | | | | |



Snap Inc. - EX1002, Page 0093

| Search Notes | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|---|---|---|
| | 16/248,687 | Pollack, Shane |
| | Examiner | Art Unit |
| | PHENUEL S SALOMON | 2171 |

| CPC - Searched* | | |
|---|---|---|
| Symbol | Date | Examiner |
| G11B27/034, G06F3/0481 | 11/09/2019 | pss |
| G11B27/034, G06F3/0481 | 06/02/2020 | pss |

| CPC Combination Sets - Searched* | | |
|---|---|---|
| Symbol | Date | Examiner |
| | | |

| US Classification - Searched* | | | |
|---|---|---|---|
| Class | Subclass | Date | Examiner |
| | | | |

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

| Search Notes | | |
|---|---|---|
| Search Notes | Date | Examiner |
| EAST | 11/09/2019 | pss |
| EAST | 06/02/2020 | pss |

| Interference Search | | | |
|---|---|---|---|
| US Class/CPC Symbol | US Subclass/CPC Group | Date | Examiner |
| | | | |



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**EAST Search History**

**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S176 | 1 | "20190149762" | US-PGPUB; USPAT | ADJ | ON | 2020/06/02 10:09 |
| S177 | 29 | (("8589992") or ("20110296474") or ("20110296473") or ("8918820") or ("20080189617") or ("9262545") or ("20080109306") or ("6981050") or ("8055779") or ("9124650") or ("20070038567") or ("20070130015") or ("20080263602") or ("20020049852") or ("20130166580") or ("20070162487") or ("7769827") or ("20080263056") or ("8855469") or ("7222163") or ("20080200154") or ("20190138553") or ("20060253542") or ("20040220926") or ("20130064527") or ("20080028047") or ("20150150046") or ("20110214045") or ("20180357248")).PN. | US-PGPUB; USPAT | OR | OFF | 2020/06/05 10:53 |
| S178 | 0 | S177 and ((publish$4 or share$4) video stream) | US-PGPUB; USPAT | ADJ | ON | 2020/06/05 10:54 |
| S179 | 26 | S177 and video stream$4 | US-PGPUB; USPAT | ADJ | ON | 2020/06/05 11:02 |
| S180 | 0 | S177 and user request with video stream$4 | US-PGPUB; USPAT | ADJ | ON | 2020/06/05 11:02 |
| S181 | 26 | S179 and (request or prompt) | US-PGPUB; USPAT | ADJ | ON | 2020/06/05 11:03 |
| S182 | 26 | S179 and (request or prompt or inquiry) | US-PGPUB; USPAT | ADJ | ON | 2020/06/05 11:03 |
| S183 | 21 | S179 and media server | US-PGPUB; USPAT | ADJ | ON | 2020/06/05 11:04 |
| S184 | 0 | S177 and user$1define$2 tag | US-PGPUB; USPAT | ADJ | ON | 2020/06/05 11:40 |
| S185 | 0 | S177 and user defined tag | US-PGPUB; USPAT | ADJ | ON | 2020/06/05 11:41 |

| | | | | | | |
|---|---|---|---|---|---|---|
| S186 | 0 | video stream$$ with user defined tag | US-PGPUB; USPAT | ADJ | ON | 2020/06/05 11:41 |
| S187 | 0 | video stream$4 with user defined tag | US-PGPUB; USPAT | ADJ | ON | 2020/06/05 11:42 |
| S188 | 1 | video stream$4 with defined tag | US-PGPUB; USPAT | ADJ | ON | 2020/06/05 11:42 |
| S189 | 0 | S177 and (user (defined or configurable)) (tag or attribute or parameter) | US-PGPUB; USPAT | ADJ | ON | 2020/06/05 11:47 |
| S190 | 5 | video stream$4 with (user (defined or configurable)) (tag or attribute or parameter) | US-PGPUB; USPAT | ADJ | ON | 2020/06/05 11:48 |
| S191 | 43 | (("20080109306") or ("20080104246") or ("20090132942") or ("7987431") or ("20130067510") or ("20090013347") or ("20170054571") or ("20080307454") or ("9204102") or ("7028264") or ("20030020671") or ("20090007172") or ("20170118037") or ("20110072037") or ("8307392") or ("8316392") or ("20110010623") or ("20120303439") or ("20080294694") or ("20140176796") or ("20100201815") or ("9173009") or ("20160043985") or ("20160308813") or ("6426778") or ("9124650") or ("20110225417") or ("8644702") or ("9385984") or ("9667581") or ("8099758") or ("20060259949") or ("20070192739") or ("20130104251") or ("20070130015") or ("10637724") or ("20190354552") or ("8640030") or ("20170272316") or ("20200127891") or ("20070061266") or ("20180239499") or ("20080195664")).PN. | US-PGPUB; USPAT | OR | OFF | 2020/06/05 11:52 |
| S192 | 1 | S191 and (user (defined or configurable)) (tag or attribute or parameter) | US-PGPUB; USPAT | ADJ | ON | 2020/06/05 11:52 |
| S193 | 0 | S191 and video stream$4 with (user (defined or configurable)) (tag or attribute or parameter) | US-PGPUB; USPAT | ADJ | ON | 2020/06/05 11:54 |
| S194 | 30 | (("20120303439") or ("6687694") or ("20130104251") or ("8347088") or ("20070061266") or ("20080109306") or ("20170054571") or ("20090132942") or ("7987431") or ("20170118037") or ("8200700") or ("20070061487") or ("6426778") or ("20080104246") or | US-PGPUB; USPAT | OR | OFF | 2020/06/05 11:55 |

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|---|---|---|---|---|---|---|
| | | ("20160283074") or ("20090013347") or ("20080307454") or ("20130067510") or ("7028264") or ("20030020671") or ("20090007172") or ("20100045791") or ("8700772") or ("8307392") or ("9204102") or ("10523689") or ("20180191740") or ("8316392") or ("20100205203") or ("20180219976")).PN. | | | | |
| S195 | 0 | S194 and video stream$4 with (user (defined or configurable)) (tag or attribute or parameter) | US-PGPUB; USPAT | ADJ | ON | 2020/06/05 11:55 |
| S196 | 2 | S194 and (user (defined or configurable)) (tag or attribute or parameter) | US-PGPUB; USPAT | ADJ | ON | 2020/06/05 11:56 |
| S197 | 6 | S194 and (defined or configurable) (tag or attribute or parameter) | US-PGPUB; USPAT | ADJ | ON | 2020/06/05 11:57 |
| S198 | 1 | S194 and (defined or configurable) (tag or attribute or parameter) with stream$4 | US-PGPUB; USPAT | ADJ | ON | 2020/06/05 12:00 |
| S199 | 10 | S194 and (((defined or configurable) (tag or attribute or parameter)) or metadata) with stream$4 | US-PGPUB; USPAT | ADJ | ON | 2020/06/05 13:16 |
| S200 | 2 | "20110246937" | US-PGPUB; USPAT | ADJ | ON | 2020/06/05 13:25 |

6/5/2020 10:39:11 PM
C:\Users\psalomon\Documents\EAST\Workspaces\16248687 - Creating and Disseminating of User Generated Media over a Network.wsp

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**
**P.O. BOX 1450**
**ALEXANDRIA, VA 22313-1450**

| | |
|---|---|
| Appl. No.: | 16/248687 |
| Inventor: | Shane Pollack |
| Applicant: | MySongToYou, Inc. |
| Filing Date: | 01/15/2019 |
| Art Unit: | 2171 |
| Examiner: | Phenuel S. Salomon |
| Attorney Docket No.: | 219-00003 |
| Title | Creating and Disseminating of User Generated Media Over a Network |

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

**RESPONSE TO OFFICE ACTION**

Sir:

This paper responds to the Office Action dated November 15, 2019. Please enter the amendments shown herein.

- Claim amendments begin on page 2.
- Remarks begin on page 7.



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| Electronic Patent Application Fee Transmittal | |
|---|---|
| **Application Number:** | 16248687 |
| **Filing Date:** | 15-Jan-2019 |
| **Title of Invention:** | Creating and Disseminating of User Generated Content Over a Network |
| **First Named Inventor/Applicant Name:** | Shane Pollack |
| **Filer:** | Sean M. Lynch/Heather Castro |
| **Attorney Docket Number:** | 219-00003 |
| Filed as Small Entity | |
| **Filing Fees for Utility under 35 USC 111(a)** | |

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

| Description | Fee Code | Quantity | Amount | Sub-Total in USD($) |
|---|---|---|---|---|
| Extension - 2 months with $0 paid | 2252 | 1 | 300 | 300 |
| **Miscellaneous:** | | | | |
| | | | **Total in USD ($)** | **300** |

| Electronic Acknowledgement Receipt | |
|---|---|
| **EFS ID:** | 39079142 |
| **Application Number:** | 16248687 |
| **International Application Number:** | |
| **Confirmation Number:** | 5999 |
| **Title of Invention:** | Creating and Disseminating of User Generated Content Over a Network |
| **First Named Inventor/Applicant Name:** | Shane Pollack |
| **Customer Number:** | 148705 |
| **Filer:** | Sean M. Lynch/Heather Castro |
| **Filer Authorized By:** | Sean M. Lynch |
| **Attorney Docket Number:** | 219-00003 |
| **Receipt Date:** | 06-APR-2020 |
| **Filing Date:** | 15-JAN-2019 |
| **Time Stamp:** | 22:04:40 |
| **Application Type:** | Utility under 35 USC 111(a) |

## Payment information:

| | |
|---|---|
| Submitted with Payment | yes |
| Payment Type | CARD |
| Payment was successfully received in RAM | $300 |
| RAM confirmation Number | E202046M05166102 |
| Deposit Account | |
| Authorized User | |
| The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: | |

## File Listing:

| Document Number | Document Description | File Name | File Size(Bytes)/ Message Digest | Multi Part /.zip | Pages (if appl.) |
|---|---|---|---|---|---|
| 1 | | OAR_219-00003-01.pdf | 59292<br>01740c510a157720954b6cb84c7c8eaade258af6 | yes | 10 |

| | Multipart Description/PDF files in .zip description | | |
|---|---|---|---|
| | **Document Description** | **Start** | **End** |
| | Applicant Arguments/Remarks Made in an Amendment | 7 | 10 |
| | Claims | 2 | 6 |
| | Amendment/Req. Reconsideration-After Non-Final Reject | 1 | 1 |

| | | | | | |
|---|---|---|---|---|---|
| **Warnings:** | | | | | |
| **Information:** | | | | | |
| 2 | Fee Worksheet (SB06) | fee-info.pdf | 30609<br>5d6dc102adb1ee88b70265918f293c2109ce9614 | no | 2 |
| **Warnings:** | | | | | |
| **Information:** | | | | | |
| | | **Total Files Size (in bytes):** | 89901 | | |

**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.**

## REMARKS/ARGUMENTS

### Claim Amendments/New Claims

Claims 1, 3, and 4 are amended by this response.

Support for the limitation, "presenting the user with a selection of visual media content…" can be found in at least Figures 17, 18, and 20. Figure 17 shows a set of backgrounds available for user selection. Figure 18 shows a user interface to selectively edit that background. Figure 20 shows a selected background in a video.

Support for the limitation,

> generating recorded content based on the recording session by compositing video captured during the recording session with the instance of pre-recorded visual media content, such that the video captured during the recording session is selectively made transparent to reveal the instance of pre-recorded visual media content

can be found in at least Figure 20, showing a user-recorded video made selectively transparent to reveal a pre-recorded background video. Paragraph [0118] additionally describes, 'the user interface allows for a technique of compositing two frames together, wherein one image is selectively made transparent to reveal the other image…"

Support for the limitations,

> receiving a request to publish the recorded content;
> in response to the request to publish, processing and encoding individual components of the recorded content to create a streamable video; and
> publishing the streamable video by copying the streamable video to a media server.

can be found in at least paragraph [0117], which describes processing, encoding, and making a video available for streaming over a network where the video is published to a media server.



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Support for amended dependent claim 3 can be found in at least Figure 18 and paragraph [0116].

Support for amended dependent claim 4 can be found in at least original claim 4.

Support for new claim 8 can be found in at least original claim 1 and paragraph [0068].

Support for new claim 9 can be found in at least paragraph [0112].

Support for new claim 10 can be found in at least the same locations as described above regarding amended claim 1 as well as in paragraphs [0111] and [0113] regarding prompting a user to either continued editing or publish recorded content.

Support for new claim 11 can be found in at least the same locations as described above regarding amended claim 1 as well as in paragraph [0118], which describes the trailing light limitation.

**35 USC § 102**

The Office rejected claims 1–7 under 35 USC 102 as being anticipated by Cohen (US20090164034). Although the Applicant disagrees with this rejection, independent claim 1 is amended by this response in the interest of advancing prosecution.

Cohen fails to teach every limitation present in amended claim 1. For example, Cohen fails to teach:

> presenting the user with a selection of visual media content for use as a background, wherein upon selecting an instance of pre-recorded visual media content from the selection, the user is presented with an interface to selectively edit the instance of pre-recorded visual media content;

No part of Cohen contemplates providing a selection of visual media content for use as a background, as Cohen fails to contemplate allowing users to use video backgrounds at all, thus never giving rise to a need to present users with a selection of possible video background. Accordingly, Cohen fails to consider the use of selective transparency of a user-recorded video to reveal a video background.



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Cohen also fails to consider making video content available for streaming over a network by first receiving a request to publish recorded content and then processing and encoding individual components of the recorded content to create a streamable video that is then copied to a media server where it can be accessed by others.

Because Cohen fails to teach all the limitations of amended claim 1, the Applicant respectfully requests withdrawal of this rejection. Dependent claims 2–7 are therefore allowable by their dependence from amended claim 1.

**New Claims**

New claims 8 and 9 introduce inventive subject matter not disclosed anywhere in Cohen and are also are allowable at least by their dependence from amended claim 1.

New claims 10 and 11 feature many of the same limitations present in amended claim 1. Claim 10 additionally features the steps of:

> prompting the user to continue editing the recorded content;
> prompting the user to publish the recorded content;

neither of which is contemplated in Cohen. Thus, new claim 10 is in condition for allowance.

Claim 11 additionally features the step of:

> detecting user movement in the video captured during the recording session and
> representing that movement by a trailing light;

which is not disclosed anywhere in Cohen. Thus, new claim 11 is in condition for allowance.



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**Request for Allowance**

Claims 1–12 are pending in this application. The applicant requests allowance of all pending claims.

Respectfully submitted,
Lynch LLP

Date: April 6, 2020

By /Sean Lynch/
Sean Lynch
Reg. No. 75248

Lynch LLP
4470 W Sunset Blvd #90096
Los Angeles, California 90027
Telephone 949-829-2186



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## AMENDMENTS TO THE CLAIMS

This listing of claims represents the current version of claims before the Office:

1. (Currently Amended) A method for generating and sharing audio/video content to a social network, comprising:

initiating a content creation process in response to a request from a user;

prompting the user to record content;

prompting the user to select an audio composition from a list of compositions retrieved from a host server;

presenting the user with a record button;

presenting the user with a selection of visual media content for use as a background, wherein upon selecting an instance of pre-recorded visual media content from the selection, the user is presented with an interface to selectively edit the instance of pre-recorded visual media content;

~~displaying a countdown to a recording session based on a user interaction with the record button, wherein the recording session comprises video recording;~~

~~providing the user an indication of the initiation of the recording session after the countdown to the recording session has counted down;~~

providing simultaneous aural playback of the composition during ~~the~~ a recording session, thereby permitting the user to hear the composition during recording;

generating recorded content based on the recording session by compositing video captured during the recording session with the instance of pre-recorded visual media content, such that the video captured during the recording session is selectively made transparent to reveal the instance of pre-recorded visual media content;

displaying a preview of the recorded content to the user, wherein the preview of the recorded content enables the user to change the timing or latency of the recorded content to relative to the selected audio composition;

selecting a privacy attribute for the recorded content; ~~and~~



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sending the recorded content to the host server, wherein the host server is configured to store multimedia content to facilitate access to other users according to the selected privacy attribute;

receiving a request to publish the recorded content;

in response to the request to publish, processing and encoding individual components of the recorded content to create a streamable video; and

publishing the streamable video by copying the streamable video to a media server.

2. (Original) The method of claim 1, further comprising the step of terminating the recording session after a duration of time has elapsed.

3. (Currently Amended) The method of claim 1, wherein the interface to selectively edit the pre-recorded visual media content comprises an interface to selectively remove an element of the instance of pre-recorded visual media content~~further comprising the step of displaying an elapsed time during the recording session~~.

4. (Currently Amended) The method of claim 1, further comprising the step of locally saving the streamable video~~recorded content in response to a save request from the user~~.

5. (Original) The method of claim 1, further comprising the step of wherein the step of generating the recorded content is executed by a client device controlled by the user.

6. (Original) The method of claim 1, wherein the audio composition comprises pre-recorded audio.

7. (Original) The method of claim 1, wherein the preview is stored in temporary memory and re-written to non-transient memory upon receiving a save request from the user

8. (New) The method of claim 1, further comprising the steps of:



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displaying a countdown to the recording session based on a user interaction with the record button, wherein the recording session comprises video recording; and

providing the user an indication of the initiation of the recording session after the countdown to the recording session has counted down.

9. (New) The method of claim 1, further comprising associating user-defined tags with the streamable video.

10. (New) The method of claim 1, further comprising:

displaying a countdown to the recording session based on a user interaction with the record button, wherein the recording session comprises video recording;

providing the user an indication of the initiation of the recording session after the countdown to the recording session has counted down;

11. (New) A method for generating and sharing audio/video content to a social network, comprising:

initiating a content creation process in response to a request from a user;

prompting the user to record content;

prompting the user to select an audio composition from a list of compositions retrieved from a host server;

presenting the user with a record button;

displaying a countdown to a recording session based on a user interaction with the record button, wherein the recording session comprises video recording;

providing the user an indication of the initiation of the recording session after the countdown to the recording session has counted down;

providing simultaneous aural playback of the composition during the recording session, thereby permitting the user to hear the composition during recording;



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generating recorded content based on the recording session by compositing video captured during the recording session with a second video recording such that the video captured during the recording session is selectively made transparent to reveal the second video recording;

displaying a preview of the recorded content to the user, wherein the preview of the recorded content enables the user to change the timing or latency of the recorded content to relative to the selected audio composition;

selecting a privacy attribute for the recorded content;

sending the recorded content to the host server, wherein the host server is configured to store multimedia content to facilitate access to other users according to the selected privacy attribute;

prompting the user to continue editing the recorded content;

prompting the user to publish the recorded content;

in response to a request to publish, processing and encoding individual components of the recorded content to create a streamable video; and

publishing the streamable video by copying the streamable video to a media server.

12. (New) A method for generating and sharing audio/video content to a social network, comprising:

initiating a content creation process in response to a request from a user;

prompting the user to record content;

prompting the user to select an audio composition from a list of compositions retrieved from a host server;

presenting the user with a record button;

displaying a countdown to a recording session based on a user interaction with the record button, wherein the recording session comprises video recording;

providing the user an indication of the initiation of the recording session after the countdown to the recording session has counted down;



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providing simultaneous aural playback of the composition during the recording session, thereby permitting the user to hear the composition during recording;

generating recorded content based on the recording session;

detecting user movement in the video captured during the recording session and representing that movement by a trailing light;

displaying a preview of the recorded content to the user, wherein the preview of the recorded content enables the user to change the timing or latency of the recorded content to relative to the selected audio composition;

selecting a privacy attribute for the recorded content;

sending the recorded content to the host server, wherein the host server is configured to store multimedia content to facilitate access to other users according to the selected privacy attribute;

receiving a request to publish the recorded content;

in response to the request to publish, processing and encoding individual components of the recorded content to create a streamable video; and

publishing the streamable video by copying the streamable video to a media server.



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PTO/SB/06 (09-11)
Approved for use through 1/31/2014. OMB 0651-0032
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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<br>Substitute for Form PTO-875 | Application or Docket Number<br>16/248,687 | Filing Date<br>01/15/2019 | ☐ To be Mailed |
|---|---|---|---|

**ENTITY:** ☐ LARGE ☑ SMALL ☐ MICRO

## APPLICATION AS FILED - PART I

| FOR | (Column 1)<br>NUMBER FILED | (Column 2)<br>NUMBER EXTRA | | RATE ($) | FEE ($) |
|---|---|---|---|---|---|
| ☐ BASIC FEE<br>(37 CFR 1.16(a), (b), or (c)) | N/A | N/A | | N/A | |
| ☐ SEARCH FEE<br>(37 CFR 1.16(k), (i), or (m)) | N/A | N/A | | N/A | |
| ☐ EXAMINATION FEE<br>(37 CFR 1.16(o), (p), or (q)) | N/A | N/A | | N/A | |
| TOTAL CLAIMS<br>(37 CFR 1.16(i)) | minus 20 = | * | | x $50 = | |
| INDEPENDENT CLAIMS<br>(37 CFR 1.16(h)) | minus 3 = | * | | x $230 = | |
| ☐ 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. | | | | TOTAL | |

## APPLICATION AS AMENDED - PART II

| | | (Column 1) | | (Column 2) | (Column 3) | | | |
|---|---|---|---|---|---|---|---|---|
| AMENDMENT | 04/06/2020 | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | | RATE ($) | ADDITIONAL FEE ($) |
| | Total<br>(37 CFR 1.16(i)) | * 12 | Minus | ** 20 | = 0 | | x $50 = | 0 |
| | Independent<br>(37 CFR 1.16(h)) | * 3 | Minus | *** 3 | = 0 | | x $230 = | 0 |
| | ☐ Application Size Fee (37 CFR 1.16(s)) | | | | | | | |
| | ☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) | | | | | | | |
| | | | | | | | TOTAL ADD'L FEE | 0 |

| | | (Column 1) | | (Column 2) | (Column 3) | | | |
|---|---|---|---|---|---|---|---|---|
| AMENDMENT | | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | | RATE ($) | ADDITIONAL FEE ($) |
| | Total<br>(37 CFR 1.16(i)) | * | Minus | ** | = | | x $0 = | |
| | Independent<br>(37 CFR 1.16(h)) | * | Minus | *** | = | | x $0 = | |
| | ☐ Application Size Fee (37 CFR 1.16(s)) | | | | | | | |
| | ☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) | | | | | | | |
| | | | | | | | TOTAL ADD'L FEE | |

| | |
|---|---|
| * If the entry in column 1 is less than the entry in column 2, write "0" in column 3. | LIE |
| ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". | /LAVINIA D JOHNSON/ |
| *** 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. | |

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.*

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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|---|---|---|---|
| 16/248,687 | 01/15/2019 | Shane Pollack | 219-00003 | 5999 |

148705 7590 11/15/2019

Lynch LLP
4470 W Sunset Blvd #90096
Los Angeles, CA 90027

| EXAMINER | |
|---|---|
| SALOMON, PHENUEL S | |

| ART UNIT | PAPER NUMBER |
|---|---|
| 2171 | |

| NOTIFICATION DATE | DELIVERY MODE |
|---|---|
| 11/15/2019 | 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):

patents@lynchllp.com

| Office Action Summary | Application No. 16/248,687 | Applicant(s) Pollack, Shane | |
|---|---|---|---|
| | Examiner PHENUEL S SALOMON | Art Unit 2171 | AIA (FITF) Status No |

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

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF 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 1/15/2019.

☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2a)☐ This action is **FINAL.** 2b) ☑ This action is non-final.

3)☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

4)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims***

5) ☑ Claim(s) 1-7 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) 1-7 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 1/15/2019 is/are: a)☑ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

**Priority under 35 U.S.C. § 119**

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

**Certified copies:**

a)☐ All b)☐ Some** c)☐ None of the:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

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

**Attachment(s)**

1) ☑ Notice of References Cited (PTO-892)

2) ☐ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b) Paper No(s)/Mail Date _____.

3) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date _____.

4) ☐ Other: _____.

***Notice of Pre-AIA or AIA Status***

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

**DETAILED ACTION**

2. This office action is in response to the original filing of 01/15/2019. Claim 1-7 are pending and have been considered below.

***Claim Rejections - 35 USC § 102***

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

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claim(s) 1-7 is/are rejected under pre-AIA 35 U.S.C. 102(b) as being anticipated by Cohen et al. (US 2009/0164034).

Claim 1. Cohen discloses a method for generating and sharing audio/video content to a social network, comprising:

initiating a content creation process in response to a request from a user ([0164]);

prompting the user to record content ([0164]);

prompting the user to select an audio composition from a list (*browsing*) of compositions retrieved from a host server ([0173]);

presenting the user with a record button ([0174]);

displaying a countdown to a recording session based on a user interaction with the record button, wherein the recording session comprises video recording ([0041],[0048],[0074]);

providing the user an indication of the initiation of the recording session after the countdown to the recording session has counted down ([0074]);

providing simultaneous aural playback of the composition during the recording session, thereby permitting the user to hear the composition during recording ([0074]);

generating recorded content based on the recording session ([0176]);

displaying a preview of the recorded content to the user, wherein the preview of the recorded content enables the user to change the timing or latency of the recorded content to relative to the selected audio composition ([0082]-[0083], [0086]);

selecting a privacy attribute for the recorded content ([0043],[0187]); and sending the recorded content to the host server, wherein the host server is configured to store multimedia content to facilitate access to other users according to the selected privacy attribute ([0047], [0187]).

Claim 2. Cohen discloses the method of claim 1, further comprising the step of terminating the recording session after a duration of time has elapsed ([0168]).

Claim 3. Cohen discloses the method of claim 1, further comprising the step of displaying an elapsed time during the recording session ([0077]).

Claim 4. Cohen discloses the method of claim 1, further comprising the step of locally saving the recorded content in response to a save request from the user ([0179],[0185]).

Claim 5. Cohen discloses the method of claim 1, further comprising the step of wherein the step of generating the recorded content is executed by a client device controlled by the user ([0054]-[0055], [0062]).

Claim 6. Cohen discloses the method of claim 1, wherein the audio composition comprises pre-recorded audio (*beat that the user recorded over*) ([0176])

Claim 7. The method of claim 1, wherein the preview is stored in temporary memory and re-written to non-transient memory upon receiving a save request from the user ([0078], [0185]).

***Conclusion***

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure (See PTO-892).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phenuel S. Salomon whose telephone number is (571) 270-1699. The examiner can normally be reached on Mon-Fri 7:00 A.M. to 4:00 P.M. (Alternate Friday Off) EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Abdullah Al Kawsar can be reached on (571) 270-3169. The fax phone number for the organization where this application or proceeding is assigned is 571-273-3800.

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.

/PHENUEL S SALOMON/
Primary Examiner, Art Unit 2171

| Notice of References Cited | Application/Control No. 16/248,687 | Applicant(s)/Patent Under Reexamination Pollack, Shane | |
|---|---|---|---|
| | Examiner PHENUEL S SALOMON | Art Unit 2171 | Page 1 of 1 |

**U.S. PATENT DOCUMENTS**

| * | | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Name | CPC Classification | US Classification |
|---|---|---|---|---|---|---|
| * | A | US-5867494-A | 02-1999 | Krishnaswamy; Sridhar | H04L12/1485 | 370/352 |
| * | B | US-20090164902-A1 | 06-2009 | Cohen; Kevin | G10H1/0025 | 715/716 |
| * | C | US-20090164034-A1 | 06-2009 | Cohen; Kevin | G10H1/0025 | 700/94 |
| * | D | US-20090069913-A1 | 03-2009 | Stefik; Mark Jeffrey | G06Q30/02 | 700/94 |
| * | E | US-20090106429-A1 | 04-2009 | Siegal; Matthew L | G06Q10/00 | 709/227 |
| * | F | US-20080113797-A1 | 05-2008 | Egozy; Eran | A63F13/12 | 463/35 |
| * | G | US-20080086689-A1 | 04-2008 | Berkley; Michael | G06F16/986 | 715/731 |
| * | H | US-20060212148-A1 | 09-2006 | Fitzgerald; Mike | G06F16/68 | 700/94 |
| * | I | US-7925973-B2 | 04-2011 | Allaire; Jeremy | G06Q30/0239 | 715/248 |
| * | J | US-20090150797-A1 | 06-2009 | Burkholder; Christian K. | G06Q10/10 | 715/747 |
| * | K | US-20100028846-A1 | 02-2010 | Cohen; Martin L. | G09B5/06 | 434/323 |
| | L | | | | | |
| | M | | | | | |

**FOREIGN PATENT DOCUMENTS**

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

**NON-PATENT DOCUMENTS**

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

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

| Search Notes | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|---|---|---|
| | 16/248,687 | Pollack, Shane |
| | Examiner | Art Unit |
| | PHENUEL S SALOMON | 2171 |

| CPC - Searched* | | |
|---|---|---|
| Symbol | Date | Examiner |
| G11B27/034, G06F3/0481 | 11/09/2019 | pss |

| CPC Combination Sets - Searched* | | |
|---|---|---|
| Symbol | Date | Examiner |
| | | |

| US Classification - Searched* | | | |
|---|---|---|---|
| Class | Subclass | Date | Examiner |
| | | | |

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

| Search Notes | | |
|---|---|---|
| Search Notes | Date | Examiner |
| EAST | 11/09/2019 | pss |

| Interference Search | | | |
|---|---|---|---|
| US Class/CPC Symbol | US Subclass/CPC Group | Date | Examiner |
| | | | |



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| Index of Claims | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|---|---|---|
| | 16/248,687 | Pollack, Shane |
| | **Examiner** | **Art Unit** |
| | PHENUEL S SALOMON | 2171 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ✓ | Rejected | - | Cancelled | N | Non-Elected | A | Appeal |
| = | Allowed | ÷ | Restricted | I | Interference | O | Objected |

**CLAIMS**

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

| CLAIM | | DATE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Final | Original | 11/10/2019 | | | | | | | | |
| | 1 | ✓ | | | | | | | | |
| | 2 | ✓ | | | | | | | | |
| | 3 | ✓ | | | | | | | | |
| | 4 | ✓ | | | | | | | | |
| | 5 | ✓ | | | | | | | | |
| | 6 | ✓ | | | | | | | | |
| | 7 | ✓ | | | | | | | | |



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# BIB DATA SHEET

**CONFIRMATION NO. 5999**

| SERIAL NUMBER | FILING or 371(c) DATE<br>RULE | CLASS | GROUP ART UNIT | ATTORNEY DOCKET NO. |
|---|---|---|---|---|
| 16/248,687 | 01/15/2019 | 715 | 2171 | 219-00003 |

**APPLICANTS**
MySongToYou, Inc., Bell Canyon, CA;

**INVENTORS**
Shane Pollack, Bell Canyon, CA;

**** CONTINUING DATA ***************************
This application is a CON of 12/953,350 11/23/2010 ABN
which claims benefit of 61/364,500 07/15/2010

**** FOREIGN APPLICATIONS ***************************

**** IF REQUIRED, FOREIGN FILING LICENSE GRANTED **** ** SMALL ENTITY **
02/07/2019

| Foreign Priority claimed ❑ Yes ☑ No<br>35 USC 119(a-d) conditions met ❑ Yes ❑ No<br>Verified and Acknowledged /PHENUEL S SALOMON/ Examiner's Signature | ❑ Met after Allowance<br>Initials | STATE OR COUNTRY | SHEETS DRAWINGS | TOTAL CLAIMS | INDEPENDENT CLAIMS |
|---|---|---|---|---|---|
| | | CA | 23 | 7 | 1 |

**ADDRESS**

Lynch LLP
4470 W Sunset Blvd #90096
Los Angeles, CA 90027
UNITED STATES

**TITLE**

Creating and Disseminating of User Generated Content Over a Network

| FILING FEE RECEIVED | FEES: Authority has been given in Paper No._____ to charge/credit DEPOSIT ACCOUNT No._____ for following: | ❑ All Fees<br>❑ 1.16 Fees (Filing)<br>❑ 1.17 Fees (Processing Ext. of time)<br>❑ 1.18 Fees (Issue)<br>❑ Other _____<br>❑ Credit |
|---|---|---|
| 785 | | |

**EAST Search History**

**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 4 | ("20020172335" \| "20040051812" \| "20110055026" \| "7849160").pn. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2019/11/10 19:24 |
| L2 | 3327 | (creat$4 or publish$4) multimedia | US-PGPUB; USPAT; USOCR | ADJ | ON | 2019/11/10 19:24 |
| L3 | 20044 | (creat$4 or publish$4) (music or video) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2019/11/10 19:24 |
| L4 | 46 | multimedia edit$4 same ((user or participant or attendee) (input or selection or choice or desire or request)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2019/11/10 19:24 |
| L5 | 16 | multimedia edit$4 with ((user or participant or attendee) (input or selection or choice or desire or request)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2019/11/10 19:24 |
| L6 | 1 | L4 and lyric | US-PGPUB; USPAT; USOCR | ADJ | ON | 2019/11/10 19:24 |
| L7 | 3327 | (creat$4 or publish$4) multimedia | US-PGPUB; USPAT; USOCR | ADJ | ON | 2019/11/10 19:24 |
| L8 | 12 | L4 and L7 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2019/11/10 19:24 |
| L9 | 1 | L4 and song lyric | US-PGPUB; USPAT; USOCR | ADJ | ON | 2019/11/10 19:24 |
| L10 | 6853 | 715/716-723.ccls. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2019/11/10 19:24 |
| L11 | 2319 | ((song or audio) lyric) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2019/11/10 19:24 |
| L12 | 342 | ((creat$4 or publish$4 or generat$4) multimedia) same ((user or participant or attendee) (input or selection or choice or desire or request)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2019/11/10 19:24 |

| | | | | | | |
|---|---|---|---|---|---|---|
| L13 | 131 | ((creat$4 or publish$4 or generat$4) multimedia) with ((user or participant or attendee) (input or selection or choice or desire or request)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2019/11/10 19:24 |
| L14 | 5 | L11 and L13 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2019/11/10 19:24 |
| L15 | 7 | L11 and L12 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2019/11/10 19:24 |
| L16 | 15 | ("20020124051" \| "20030019347" \| "20050195856" \| "20040204135" \| "6459776" \| "7743323" \| "7831900" \| "7904922" \| "20020087549" \| "20050262530" \| "20060015945" \| "5659793" \| "20040209631" \| "20050245241" \| "20020069218").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2019/11/10 19:24 |
| L17 | 60 | L11 and 715/716-723.ccls. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2019/11/10 19:24 |
| L183 | 50 | (("20040056882") or ("7124366") or ("6469711") or ("20010040592") or ("20110025818") or ("7886229") or ("20080126937") or ("7770115") or ("20080109724") or ("20050265580") or ("7274803") or ("7877706") or ("9042454") or ("20070146372") or ("20080212942") or ("20160027188") or ("20080170622") or ("20080219509") or ("20080170748") or ("20040155962") or ("9881382") or ("9177387") or ("7675520") or ("20110096144") or ("7823058") or ("20040125148") or ("20130058532") or ("7804506") or ("6774908") or ("20090324079") or ("8422783") or ("8972861") or ("20030237091") or ("20040071441") or ("8645832") or ("20040066395") or ("20040212630") or ("8379098") or ("20060253781") or ("7082572") or ("20130073981") or ("20110261213") or ("7138963") or ("8307273") or ("20040125133") or ("20040125121") or ("6628303") or ("20040227768") or ("20030146915") or ("20100138745")).PN. | US-PGPUB; USPAT | OR | OFF | 2019/11/10 19:27 |
| L184 | 9 | L183 and tracking object | US-PGPUB; USPAT | ADJ | ON | 2019/11/10 19:27 |
| L185 | 50 | (("20090164034") or ("20090164902") or ("20020109712") or ("6968506") or ("20100064219") or ("20110202562") or ("20100028846") or ("8597031") or ("20170116881") or ("20190057616") or ("10127831") or ("20170337912") or ("5732216") or ("20140308631") or ("9495882") or ("20070260690") or ("20120057842") or ("20160182855") or ("20100142926") or ("9635312") or ("7592532") or ("20030110503") or | US-PGPUB; USPAT | OR | OFF | 2019/11/10 20:00 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | ("20090248182") or ("8855469") or ("20090177303") or ("20080200154") or ("8230343") or ("20190138553") or ("20130064527") or ("20050144189") or ("20030093790") or ("8112504") or ("8995815") or ("10180982") or ("20150150046") or ("20080092168") or ("9124650") or ("20140163707") or ("20090198358") or ("20130216206") or ("20080155616") or ("8818175") or ("5867494") or ("20080005130") or ("20090144786") or ("5999525") or ("7509178") or ("20040015566") or ("20070236585") or ("8015302")).PN. | | | | |
| L186 | 0 | 185 and (countdown (indication or mark$4)) and privacy attribute | US-PGPUB; USPAT | ADJ | ON | 2019/11/10 20:02 |
| L187 | 0 | 185 and (countdown (indication or mark$4)) | US-PGPUB; USPAT | ADJ | ON | 2019/11/10 20:02 |
| L188 | 26 | 185 and privacy | US-PGPUB; USPAT | ADJ | ON | 2019/11/10 20:02 |
| L189 | 11 | 188 and record button | US-PGPUB; USPAT | ADJ | ON | 2019/11/10 20:03 |
| L190 | 11 | 189 and (timing or latency) | US-PGPUB; USPAT | ADJ | ON | 2019/11/10 20:03 |
| L191 | 36243 | (G11B27/034 or G06F3/0481).cpc. | US-PGPUB; USPAT | ADJ | ON | 2019/11/10 20:55 |
| L192 | 2 | 185 and 191 | US-PGPUB; USPAT | ADJ | ON | 2019/11/10 20:55 |
| L193 | 18 | ("20020091847" \| "20060212148" \| "20060287989" \| "20070079691" \| "20080034309" \| "20080086689" \| "20080113797" \| "20080154959" \| "20080215763" \| "20090044689" \| "20090069913" \| "20090093302" \| "20090106429" \| "20090150797" \| "20090157845" \| "6356971" \| "7825322" \| "7925973").PN. | US-PGPUB; USPAT | ADJ | ON | 2019/11/10 21:04 |
| L194 | 1 | 193 and record button | US-PGPUB; USPAT | ADJ | ON | 2019/11/10 21:04 |
| L195 | 1 | 193 and privacy | US-PGPUB; USPAT | ADJ | ON | 2019/11/10 21:04 |

**11/ 10/ 2019 9:15:41 PM**
**C:\ Users\ psalomon\ Documents\ EAST\ Workspaces\ 16248687 - Creating and Disseminating of User Generated Media over a Network.wsp**

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| APPLICATION NUMBER | FILING OR 371(C) DATE | FIRST NAMED APPLICANT | ATTY. DOCKET NO./TITLE |
|---|---|---|---|
| 16/248,687 | 01/15/2019 | Shane Pollack | 219-00003 |

**CONFIRMATION NO. 5999**

148705
Lynch LLP
4470 W Sunset Blvd #90096
Los Angeles, CA 90027

**PUBLICATION NOTICE**

*OC00000108240311*

**Title:**Creating and Disseminating of User Generated Content Over a Network

**Publication No.**US-2019-0149762-A1
**Publication Date:**05/16/2019

## 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 Public Records Division. The Public Records Division can be reached by telephone at (571) 272-3150 or (800) 972-6382, by facsimile at (571) 273-3250, by mail addressed to the United States Patent and Trademark Office, Public Records Division, 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 https://portal.uspto.gov/pair/PublicPair. Prior to publication, such status information is confidential and may only be obtained by applicant using the private side of PAIR.

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



Snap Inc. - EX1002, Page 0127

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UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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www.uspto.gov

| APPLICATION NUMBER | FILING or 371(c) DATE | GRP ART UNIT | FIL FEE REC'D | ATTY.DOCKET.NO | TOT CLAIMS | IND CLAIMS |
|---|---|---|---|---|---|---|
| 16/248,687 | 01/15/2019 | 2688 | 785 | 219-00003 | 7 | 1 |

**CONFIRMATION NO. 5999**

148705
Lynch LLP
4470 W Sunset Blvd #90096
Los Angeles, CA 90027

**FILING RECEIPT**

OC000000105715807

Date Mailed: 02/08/2019

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

**Inventor(s)**

Shane Pollack, Bell Canyon, CA;

**Applicant(s)**

MySongToYou, Inc., Bell Canyon, CA;

**Power of Attorney:** The patent practitioners associated with Customer Number 148705

**Domestic Priority data as claimed by applicant**

This application is a CON of 12/953,350 11/23/2010
which claims benefit of 61/364,500 07/15/2010

**Foreign Applications** for which priority is claimed (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see http://www.uspto.gov for more information.) - None.
*Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.*

**Permission to Access Application via Priority Document Exchange:** No

**Permission to Access Search Results:** No

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

**If Required, Foreign Filing License Granted:** 02/07/2019

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 16/248,687**



Snap Inc. - EX1002, Page 0128

**Projected Publication Date:** 05/16/2019

**Non-Publication Request:** No

**Early Publication Request:** No
**** SMALL ENTITY ****
**Title**

Creating and Disseminating of User Generated Content Over a Network

**Preliminary Class**

369

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

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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.

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Snap Inc. - EX1002, Page 0129

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## Title 35, United States Code, Section 184

## Title 37, Code of Federal Regulations, 5.11 & 5.15

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## PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number: 16/248,687

### APPLICATION AS FILED - PART I

| FOR | (Column 1) NUMBER FILED | (Column 2) NUMBER EXTRA | SMALL ENTITY RATE($) | SMALL ENTITY FEE($) | OR | OTHER THAN SMALL ENTITY RATE($) | OTHER THAN SMALL ENTITY FEE($) |
|---|---|---|---|---|---|---|---|
| BASIC FEE (37 CFR 1.16(a), (b), or (c)) | N/A | N/A | N/A | 75 | | N/A | |
| SEARCH FEE (37 CFR 1.16(k), (i), or (m)) | N/A | N/A | N/A | 330 | | N/A | |
| EXAMINATION FEE (37 CFR 1.16(o), (p), or (q)) | N/A | N/A | N/A | 380 | | N/A | |
| TOTAL CLAIMS (37 CFR 1.16(i)) | 7 minus 20 = | * | x 50 = | 0.00 | OR | | |
| INDEPENDENT CLAIMS (37 CFR 1.16(h)) | 1 minus 3 = | * | x 230 = | 0.00 | | | |
| APPLICATION SIZE FEE (37 CFR 1.16(s)) | If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). | | | 0.00 | | | |
| MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j)) | | | | 0.00 | | | |
| * If the difference in column 1 is less than zero, enter "0" in column 2. | | | TOTAL | 785 | | TOTAL | |

### APPLICATION AS AMENDED - PART II

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

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

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

Doc Code: PA..
Document Description: Power of Attorney

PTO/AIA/82A (07-13)
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| | |
|---|---|
| Application Number | |
| Filing Date | 2019-01-15 |
| First Named Inventor | Shane Pollack |
| Title | Creating and Disseminating of User Generated Media Over a Network |
| Art Unit | |
| Examiner Name | |
| Attorney Docket Number | 219-00003 |

**SIGNATURE of Applicant or Patent Practitioner**

| | | | |
|---|---|---|---|
| Signature | /Sean Lynch/ | Date (Optional) | 2019-01-15 |
| Name | Sean Lynch | Registration Number | 75248 |
| Title (if Applicant is a juristic entity) | | | |
| Applicant Name (if Applicant is a juristic entity) | | | |

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☑ *Total of 2 forms are submitted.

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. 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 3 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.**

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I hereby revoke all previous powers of attorney given in the application identified in either the attached transmittal letter or the boxes below.

| Application Number | Filing Date |
|---|---|
| | |

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**OR**

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**Please recognize or change the correspondence address for the application identified in the attached transmittal letter or the boxes above to:**

☐ The address associated with the above-mentioned Customer Number

**OR**

☑ The address associated with Customer Number: 148705

**OR**

| | | | | | |
|---|---|---|---|---|---|
| Firm or Individual Name | | | | | |
| Address | | | | | |
| City | | State | | Zip | |
| Country | | | | | |
| Telephone | | Email | | | |

I am the Applicant (if the Applicant is a juristic entity, list the Applicant name in the box):

MySongToYou, Inc.

☐ Inventor or Joint Inventor (title not required below)

☐ Legal Representative of a Deceased or Legally Incapacitated Inventor (title not required below)

☐ Assignee or Person to Whom the Inventor is Under an Obligation to Assign (provide signer's title if applicant is a juristic entity)

☐ Person Who Otherwise Shows Sufficient Proprietary Interest (e.g., a petition under 37 CFR 1.46(b)(2) was granted in the application or is concurrently being filed with this document) (provide signer's title if applicant is a juristic entity)

**SIGNATURE of Applicant for Patent**

The undersigned (whose title is supplied below) is authorized to act on behalf of the applicant (e.g., where the applicant is a juristic entity).

| | | | |
|---|---|---|---|
| Signature |  | Date (Optional) | |
| Name | Shane Pollack | | |
| Title | | | |

**NOTE:** Signature - This form must be signed by the applicant in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. If more than one applicant, use multiple forms.

☑ Total of 2 forms are submitted.

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. 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 3 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.**

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# Electronic Patent Application Fee Transmittal

| | |
|---|---|
| **Application Number:** | |
| **Filing Date:** | |
| **Title of Invention:** | CREATING AND DISSEMINATING OF USER GENERATED CONTENT OVER A NETWORK |
| **First Named Inventor/Applicant Name:** | Shane Pollack |
| **Filer:** | Sean M. Lynch/Heather Castro |
| **Attorney Docket Number:** | 219-00003 |

Filed as Small Entity

**Filing Fees for Utility under 35 USC 111(a)**

| Description | Fee Code | Quantity | Amount | Sub-Total in USD($) |
|---|---|---|---|---|
| **Basic Filing:** | | | | |
| UTILITY FILING FEE (ELECTRONIC FILING) | 4011 | 1 | 75 | 75 |
| UTILITY SEARCH FEE | 2111 | 1 | 330 | 330 |
| UTILITY EXAMINATION FEE | 2311 | 1 | 380 | 380 |
| **Pages:** | | | | |
| **Claims:** | | | | |
| **Miscellaneous-Filing:** | | | | |
| **Petition:** | | | | |
| **Patent-Appeals-and-Interference:** | | | | |

| Description | Fee Code | Quantity | Amount | Sub-Total in USD($) |
|---|---|---|---|---|
| **Post-Allowance-and-Post-Issuance:** | | | | |
| **Extension-of-Time:** | | | | |
| **Miscellaneous:** | | | | |
| | | **Total in USD ($)** | | **785** |

| Electronic Acknowledgement Receipt | |
|---|---|
| **EFS ID:** | 34865133 |
| **Application Number:** | 16248687 |
| **International Application Number:** | |
| **Confirmation Number:** | 5999 |
| **Title of Invention:** | CREATING AND DISSEMINATING OF USER GENERATED CONTENT OVER A NETWORK |
| **First Named Inventor/Applicant Name:** | Shane Pollack |
| **Customer Number:** | 148705 |
| **Filer:** | Sean M. Lynch/Heather Castro |
| **Filer Authorized By:** | Sean M. Lynch |
| **Attorney Docket Number:** | 219-00003 |
| **Receipt Date:** | 15-JAN-2019 |
| **Filing Date:** | |
| **Time Stamp:** | 20:31:46 |
| **Application Type:** | Utility under 35 USC 111(a) |

## Payment information:

| | |
|---|---|
| Submitted with Payment | yes |
| Payment Type | CARD |
| Payment was successfully received in RAM | $785 |
| RAM confirmation Number | 011619INTEFSW20324800 |
| Deposit Account | |
| Authorized User | |
| The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: | |

## File Listing:

| Document Number | Document Description | File Name | File Size(Bytes)/ Message Digest | Multi Part /.zip | Pages (if appl.) |
|---|---|---|---|---|---|
| 1 | Application Data Sheet | 2019-01-15_ADS_219-00003.pdf | 998322<br>5aeb6ab0fd888c140e4eb30e0b8b0180321e5b42 | no | 5 |
| **Warnings:** | | | | | |
| **Information:** | | | | | |
| 2 | | 2019-01-15_Utility_Patent_Application-219-00003.pdf | 230889<br>bbee3f5b7f602d2f646cb4c79dd11284c123f070 | yes | 32 |
| | **Multipart Description/PDF files in .zip description** | | | | |
| | **Document Description** | | **Start** | **End** | |
| | Specification | | 1 | 29 | |
| | Claims | | 30 | 31 | |
| | Abstract | | 32 | 32 | |
| **Warnings:** | | | | | |
| **Information:** | | | | | |
| 3 | Drawings-only black and white line drawings | 2019-01-15_Drawings-219-00003.pdf | 2297284<br>45f67978e99e5beb301860a88fe3fcafeae8d52c | no | 23 |
| **Warnings:** | | | | | |
| **Information:** | | | | | |
| 4 | Oath or Declaration filed | 2019-01-15_Declaration_219-00003_signed.pdf | 112219<br>f30a23ca4ef3d98a8464f578f5122ba8b14d846a | no | 1 |
| **Warnings:** | | | | | |
| **Information:** | | | | | |
| 5 | Power of Attorney | 2019-01-15_POA_219-00003.pdf | 246040<br>3288beb621382c132b1c9bad357408158ca61595 | no | 2 |

| | | | | | |
|---|---|---|---|---|---|
| **Warnings:** | | | | | |
| **Information:** | | | | | |
| 6 | Fee Worksheet (SB06) | fee-info.pdf | 35073<br>a1ef0762e438bfbaf8f99295783d5fa1273255af | no | 2 |
| **Warnings:** | | | | | |
| **Information:** | | | | | |
| | | | **Total Files Size (in bytes):** | 3919827 | |

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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.**

PTO/AIA/14 (08-12)
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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 | 219-00003 |
|---|---|---|
| | Application Number | |
| Title of Invention | Creating and Disseminating of User Generated Content Over a Network | |

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.)

## Inventor Information:

**Inventor** 1 — Remove

**Legal Name**

| Prefix | Given Name | Middle Name | Family Name | Suffix |
|---|---|---|---|---|
| | Shane | | Pollack | |

**Residence Information (Select One)** ● US Residency  Non US Residency  Active US Military Service

| City | Bell Canyon | State/Province | CA | Country of Residence | US |
|---|---|---|---|---|---|

**Mailing Address of Inventor:**

| | |
|---|---|
| Address 1 | 54 Dapplegray Rd. |
| Address 2 | |

| City | Bell Canyon | State/Province | CA |
|---|---|---|---|
| Postal Code | 91307 | Country i | US |

All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the **Add** button. Add

## Correspondence Information:

**Enter either Customer Number or complete the Correspondence Information section below.**
**For further information see 37 CFR 1.33(a).**

☐ **An Address is being provided for the correspondence Information of this application.**

| | | | |
|---|---|---|---|
| Customer Number | 148705 | | |
| Email Address | patents@lynchllp.com | Add Email | Remove Email |

## Application Information:

| | | | |
|---|---|---|---|
| Title of the Invention | Creating and Disseminating of User Generated Content Over a Network | | |
| Attorney Docket Number | 219-00003 | Small Entity Status Claimed | ☒ |
| 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) | 23 | Suggested Figure for Publication (if any) | |

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| **Application Data Sheet 37 CFR 1.76** | Attorney Docket Number | 219-00003 |
|---|---|---|
| | Application Number | |
| Title of Invention | Creating and Disseminating of User Generated Content Over a Network | |

## Publication Information:

| | |
|---|---|
| ☐ | Request Early Publication (Fee required at time of Request 37 CFR 1.219) |
| ☐ | **Request Not to Publish.** I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing. |

## Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32).
Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer Number will be used for the Representative Information during processing.

| Please Select One: | ● Customer Number | US Patent Practitioner | ○ Limited Recognition (37 CFR 11.9) |
|---|---|---|---|
| Customer Number | 148705 | | |

## Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c) or indicate National Stage entry from a PCT application. Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.

| Prior Application Status | Pending | | Remove |
|---|---|---|---|
| Application Number | Continuity Type | Prior Application Number | Filing Date (YYYY-MM-DD) |
| | Continuation of | 12953350 | 2010-11-23 |
| Prior Application Status | Pending | | Remove |
| Application Number | Continuity Type | Prior Application Number | Filing Date (YYYY-MM-DD) |
| 12953350 | non provisional of | 61364500 | 2010-07-15 |

Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the **Add** button. Add

## Foreign Priority Information:

This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority is not claimed. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(a).

Remove

| Application Number | Country[i] | Filing Date (YYYY-MM-DD) | Priority Claimed |
|---|---|---|---|
| | | | ● Yes No |

Additional Foreign Priority Data may be generated within this form by selecting the **Add** button. Add

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| Application Data Sheet 37 CFR 1.76 | Attorney Docket Number | 219-00003 |
|---|---|---|
| | Application Number | |
| Title of Invention | Creating and Disseminating of User Generated Content Over a Network | |

## Authorization to Permit Access:

| Authorization to Permit Access to the Instant Application by the Participating Offices |
|---|
| If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the instant patent application is filed access to the instant patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the instant patent application is filed to have access to the instant patent application.<br><br>In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the instant patent application with respect to: 1) the instant patent application-as-filed; 2) any foreign application to which the instant patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the instant patent application; and 3) any U.S. application-as-filed from which benefit is sought in the instant patent application.<br><br>In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing this Authorization. |

## Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

**Applicant 1**

If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.

Remove

| ● Assignee | Legal Representative under 35 U.S.C. 117 |
|---|---|
| Person to whom the inventor is obligated to assign. | Person who shows sufficient proprietary interest |

If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:

| Name of the Deceased or Legally Incapacitated Inventor : | |
|---|---|
| If the Assignee is an Organization check here. | ☒ |
| Organization Name | MySongToYou, Inc. |

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| **Application Data Sheet 37 CFR 1.76** | Attorney Docket Number | 219-00003 |
|---|---|---|
| | Application Number | |
| Title of Invention | Creating and Disseminating of User Generated Content Over a Network | |

| **Mailing Address Information:** | | | |
|---|---|---|---|
| **Address 1** | 54 Dapplegray Rd. | | |
| Address 2 | | | |
| **City** | Bell Canyon | **State/Province** | CA |
| **Country** | US | Postal Code | 91307 |
| Phone Number | | Fax Number | |
| Email Address | | | |

Additional Applicant Data may be generated within this form by selecting the Add button. Add

## Signature:

Remove

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

| **Signature** | /Sean Lynch/ | | | Date (YYYY-MM-DD) | 2019-01-15 |
|---|---|---|---|---|---|
| First Name | Sean | Last Name | Lynch | Registration Number | 75248 |

Additional Signature may be generated within this form by selecting the Add button. Add

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.**

# 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.



Snap Inc. - EX1002, Page 0143

# CREATING AND DISSEMINATING OF USER GENERATED CONTENT OVER A NETWORK

**[0001]** This application is a continuation of U.S. Patent Application No. 12/953,350, which was filed on November 23, 2010 and claims priority to U.S. Provisional Patent Application No. 61/364,500 entitled, "CREATING AND DISSEMINATING OF USER GENERATED MEDIA OVER A NETWORK AND FOR COLLABORATION," which was filed on July 15, 2010, the contents of which are expressly incorporated by reference herein.

## Background

**[0002]** Traditional models of creating and publishing music involve a sound studio where individuals, artists, or groups record musical works. The process of creating music can involve recording the song and then editing and/or mixing the song to achieve a desired result or simultaneous recording and mixing/editing on the fly. Individual tracks of instruments, vocals, sound effects, beats, sections from other pre- recorded productions, etc. are often synchronized to produce an ideal result. The intricacies of music production and the technology behind it innately create immense difficulty and challenges to aspiring artists, musicians, and songwriters. For instance, artists must express themselves in the confines of an established recording studio. As a result, the timing of the recording session, the location and environment of the recording studio must be conducive to the artist's creativity. Moreover, traveling to an established studio often entails effort, expense, and lost time, all of which may be unfavorable for the development of a burgeoning artist. The lack of technical expertise is also an obstacle which may impede the aspects of audio and video creation.

**[0003]** Overall, the examples herein of some prior or related systems and their associated limitations are intended to be illustrative and not exclusive. Other limitations of existing or prior systems will become apparent to those of skill in the art upon reading the following Detailed Description.

## Brief Description of the Drawing

**[0004]** These and other objects, features and characteristics of the present invention will become more apparent to those skilled in the art from a study of the following detailed



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description in conjunction with the appended claims and drawings, all of which form a part of this specification. In the drawings:

**[0005]** **FIG. 1** illustrates a block diagram of client devices coupled to one another and server-side devices to facilitate generation of audio and video content over a network.

**[0006]** **FIG. 2** illustrates a block diagram of a system of at least one server device on the server-side to facilitate generation of audio and video content over a network. The at least one server **200** on the server-side **120** includes a user content.

**[0007]** **FIG. 3** illustrates an example user interface of a listing of pre-recorded audio

**[0008]** **FIG. 4** illustrates an example user interface of a listing of pre-recorded compositions.

**[0009]** **FIG. 5** illustrates an example user interface playing a composition.

**[0010]** **FIG. 6** illustrates an example user interface to query a user to enter lyrics.

**[0011]** **FIG. 7** illustrates an example user interface to query a user to enter keywords to automatically generate lyrics.

**[0012]** **FIG. 8** illustrates an example user interface having an audio/multimedia player/recorder capable of recording an audio recording.

**[0013]** **FIG. 9** illustrates an example user interface having an audio/multimedia player/recorder capable of recording, playing, editing, and saving of an audio recording.

**[0014]** **FIG. 10** illustrates an example user interface having an audio/multimedia player/recorder capable of processing an audio recording.

**[0015]** **FIG. 11** illustrates an example user interface having an audio/multimedia player/recorder capable of recording an additional audio recording.

**[0016]** **FIG. 12** illustrates an example user interface having an audio/multimedia player/recorder capable of recording, playing, editing, and saving an additional audio recording.

**[0017]** **FIG. 13** illustrates an example user interface having an audio/multimedia player/recorder in full-screen mode.

**[0018]** **FIG. 14** illustrates an example user interface having an audio/multimedia player/recorder to query the user in regards to publishing the audio content.

**[0019]** **FIG. 15** illustrates an example user interface having an audio/multimedia player/recorder to provide aural playback of a composition.

**[0020]** **FIG. 16** illustrates an example user interface listing of pre-recorded audio content.

**[0021]** **FIG. 17** illustrates an example user interface having a video recorder/player for recording a video recording.

**[0022]** **FIG. 18** illustrates an example user interface for editing and/or applying an imaging effect to a video recording.

**[0023]** **FIG. 19** illustrates the queuing process for a video content in preparation for publishing over the network.

**[0024]** **FIG. 20** illustrates an example user interface for the process of chroma key compositing for a video recording.

**[0025]** **FIG. 21** depicts a flow diagram illustrating an example process of enabling a user to generate audio content over a network.

**[0026]** **FIG. 22** depicts a flow diagram illustrating an example process of enabling a user to generate audio and video content over a network.

**[0027]** **FIG. 23** shows a diagrammatic representation of a machine in the example form of a computer system.

**[0028]** The headings provided herein are for convenience only and do not necessarily affect the scope or meaning of the claimed invention.

**[0029]** In the drawings, the same reference numbers and any acronyms identify elements or acts with the same or similar structure or functionality for ease of understanding and convenience. To



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easily identify the discussion of any particular element or act, the most significant digit or digits in a reference number refer to the Figure number in which that element is first introduced (e.g., element 204 is first introduced and discussed with respect to Figure 2).

**Detailed Description of the Invention**

**[0030]** The following description and drawings are illustrative and are not to be construed as limiting. Numerous specific details are described to provide a thorough understanding of the disclosure. However, in certain instances, well-known or conventional details are not described in order to avoid obscuring the description. References to one or an embodiment in the present disclosure can be, but are not necessarily, references to the same embodiment and such references mean at least one of the embodiments.

**[0031]** Reference in this specification to "one embodiment" or "an embodiment" means that a particular feature, structure, or characteristic described in connection with the embodiment is included in at least one embodiment of the disclosure. The appearances of the phrase, "in one embodiment" in various places in the specification are not necessarily all referring to the same embodiment, nor are separate or alternative embodiments mutually exclusive of other embodiments. Moreover, various features are described which may be exhibited by some embodiments and not by others. Similarly, various requirements are described which may be requirements for some embodiments but not other embodiments.

**[0032]** The terms used in this specification generally have their ordinary meanings in the art, within the context of the disclosure, and in the specific context where each term is used. Certain terms that are used to describe the disclosure are discussed below, or elsewhere in the specification, to provide additional guidance to the practitioner regarding the description of the disclosure. For convenience, certain terms may be highlighted, for example using italics and/or quotation marks. The use of highlighting has no influence on the scope and meaning of a term; the scope and meaning of a term is the same, in the same context, whether or not it is highlighted. It will be appreciated that same thing can be said in more than one way.

**[0033]** Consequently, alternative language and synonyms may be used for anyone or more of the terms discussed herein, nor is any special significance to be placed upon whether or not a term is elaborated or discussed herein. Synonyms for certain terms are provided. A recital of one or more



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synonyms does not exclude the use of other synonyms. The use of examples anywhere in this specification including examples of any terms discussed herein is illustrative only, and is not intended to further limit the scope and meaning of the disclosure or of any exemplified term. Likewise, the disclosure is not limited to various embodiments given in thisspecification.

**[0034]** Without intent to further limit the scope of the disclosure, examples of instruments, apparatus, methods and their related results according to the embodiments of the present disclosure are given below. Note that titles or subtitles may be used in the examples for convenience of a reader, which in no way should limit the scope of the disclosure. Unless otherwise defined, all technical and scientific terms used herein have the same meaning as commonly understood by one of ordinary skill in the art to which this disclosure pertains. In the case of conflict, the present document, including definitions will control.

**[0035]** Embodiments of the present disclosure include systems and methods for enabling a user to generate audio content over a network.

**[0036]** In one aspect, the present disclosure relates to using a network for generating audio and video content over a network.

**[0037]** In first creating an audio content, a request is sent by a user to start the creation process. In one embodiment, a user is asked to upload a pre-recorded audio content. In another embodiment, a user does not have a final audio content and the user is then prompted to create audio content.

**[0038]** The user must select from a list of compositions (e.g., pre-recorded beats, rhythms, scores). The composition may be a retrieved from a library of compositions, provided (e.g., recorded) by another member on the network. In one embodiment, the process of selecting a composition allows the user to view a list of compositions and to preview the sound of each pre-recorded composition.

**[0039]** A feature of an embodiment enables a user to enter original lyrics for an audio content. In one embodiment, a lyric mechanism prompts the user to enter the text of the original lyrics in a query box. In another embodiment, song lyrics can be automatically generated by the lyric mechanism whereby the user provides one or more key words.

**[0040]** The voice recording may be audibly generated (e.g., sang) or generated by a pre-recorded song or audio content. Audio recordings can be produced by a user in the vicinity of an audio input device (e.g., microphone) that is coupled to a computing device connected to a network. The audio content can be uploaded or recorded and can be instrumental, electronic, rap, lyrical, chorus, acapella, etc. When the user is ready to record, the user can, by the click of a button (e.g., the 'record button') on the user interface, trigger a countdown to when the recording session will begin. The recording session may occur live over the network once the countdown commences. The user can begin the audio recording production process (e.g., sing, rap, talk, play an instrument, play music, compose, direct a band, DJ, and/or otherwise generate any form of audio content) in the vicinity of an audio input device (e.g., microphone coupled to the computing device). The user-generated and/or provided audio content can then be recorded over the network in or near real-time.

**[0041]** The recording session of an audio or video recording, or a combination thereof, can be initiated via the user interface, by clicking a button on the audio recorder/player for example. Before the recording session begins, playback of an audio recording or a video recording is typically stopped if playback is currently occurring. Once playback has paused/stopped, the user is provided with a countdown indicator to the initiation of the recording session. At the initiation of the recording session, the composition, prerecorded composition or video recording is playing. When the recording session has ended (e.g., by user request), the recording user has the option of previewing the recorded content. If the user recorded over a pre-recorded composition or pre-recorded video recording, the user can listen to or view the results of the audio and video synchronization.

**[0042]** Once the user has completed the recording process, a preview of the recording (e.g., audio or video) can be played back to the user over the network to the user. Typically, the recorded content is stored in a buffer (e.g., memory buffer) when being played for preview. The user can adjust the volume level of the recorded content based on the preview and the user can apply a special sound effect to the audio or video recorded. If and when the recording is satisfactory to the user, the recording can be permanently saved. If the user chooses to discard the recorded content, it can be deleted from memory. In some instances, the user can choose to re-record the same content until satisfactory results are obtained.

**[0043]** The recording can be saved upon user request, for example, when the user determines that the recording is satisfactory. The user can make the completed product of the audio or video content accessible to other users via the network interface and provide comments and/or ratings.

**[0044]** In one aspect, the present disclosure relates to providing a mechanism for users to access audio content and video contents of others and in some instances, use the work of others to generate collaborative content via a service site hosted by a web- portal. Because an audio content may be the collaborative result of multiple member users over a network, the users need not be physically proximal to one another to participate in a musical collaboration session. For example, an audio or video content can be a product of one member user providing an audio content and another member user that user's audio content as a composition in his own audio content. The audio or video content can also be a product of a pre-recorded compositions and video recordings by other member users.

**[0045]** When a multi-media file is permanently saved upon user request, the user can determine whether the work is accessible by other users. The user can select the privacy attribute associated with the audio content and/or video content. For example, the recording user can make the recorded content publicly accessible (e.g., can be aurally played by other members) or private (e.g., only visible to the user and/or can only be played by the user).

**[0046]** Referring to the first figure, **FIG. 1** illustrates a block diagram of the system 100, in accordance to one embodiment. There are client devices **101, 102, 103** that serve as the interface to a user. A user may operate a computer, a server and/or any other device that is able to establish a connection with another device, to access the embodiment. For example, the client devices and content providers can be, but are not limited to, a server desktop, a desktop computer, a computer cluster, a mobile computing device such as a notebook, a laptop computer, a handheld computer, a mobile phone, a smart phone, a PDA, a Blackberry device, a Treo, iPhone and/or an iPad, etc. The client devices **101-103** typically include a display or another output functionality to present data exchanged between the devices to a user.

**[0047]** In one embodiment, an audio input device **104** is coupled to the client device **101-103.** The audio input device, such as microphone, **104** can be a component of the client device **101-103** or

can be connected through wired or wireless means to capture audio or voice content for uploading to the server side **120.**

**[0048]** In one embodiment, an imaging device or camera **105** (e.g., video camera, web-cam, video recorder) is also connected to the client device **101-103.** The camera **105** can be an internal component of the client device **101-103** or can be attached to the client device **101-103** using a wired or wireless means to capture video for uploading to the server side **120.** In one embodiment, the camera **105** is attached to the client device **101-103** for use in the generation of video.

**[0049]** In one embodiment, the client devices **101-103** are coupled to a network **110.** The network, in the present example, is the internet. It is to be understood that this link **110** need not actually be the internet. Any small or large-scale network or other connection mechanism will do. So, in some embodiments, the client devices **101-103** may be directly connected to one another.

**[0050]** The network **110,** over which the client devices **101-103** communicate, may be a telephonic network, an open network, such as the Internet, or a private network, such as an intranet and/or the extranet. For example, the Internet can provide file transfer, remote log in, email, news, RSS, and other services through any known or convenient protocol, such as, but is not limited to the TCP/IP protocol, Open System Interconnections (OSI), FTP, UPnP, iSCSI, NSF, ISDN, PDH, RS-232, SDH, SONET, etc.

**[0051]** The network **110** can be any collection of distinct networks operating wholly or partially in conjunction to provide connectivity to the client devices **101-103** and servers, and may appear as one or more networks to the serviced systems and devices. In one embodiment, communications to and from the client devices **101-103** can be achieved by an open network, such as the Internet, or a private network, such as an intranet and/or the extranet. In one embodiment, communications can be achieved by a secure communications protocol, such as secure sockets layer (SSL), or transport layer security (TLS).

**[0052]** In addition, communications can be achieved via one or more wireless networks, such as, but is not limited to, one or more of a Local Area Network (LAN), Wireless Local Area Network (WLAN), a Personal area network (PAN), a Campus area network (CAN), a Metropolitan area network (MAN), a Wide area network (WAN), a Wireless wide area network (WWAN), Global System for Mobile Communications (GSM), Personal Communications Service (PCS), Digital

Advanced Mobile Phone Service (D-Amps), Bluetooth, Wi-Fi, Fixed Wireless Data, 2G, 2.5G, 3G networks, enhanced data rates for GSM evolution (EDGE), General packet radio service (GPRS), enhanced GPRS, messaging protocols such as, TCPIIP, SMS, MMS, extensible messaging and presence protocol (XMPP), real time messaging protocol (RTMP), instant messaging and presence protocol (IMPP), instant messaging, USSD, IRC, or any other wireless data networks or messaging protocols.

**[0053]** The client devices **101-103** can be coupled to the network **110** (e.g., Internet) via a dial up connection, a digital subscriber loop (DSL, ADSL), cable modem, and/or other types of connection. Thus, the client devices **101-103** can communicate with remote servers (e.g., web server, host server, mail server, instant messaging server) on the server side **120** that provides the user access to the World Wide Web via a web browser, for example.

**[0054]** Next, the server side **120** functionality is depicted. The server-side **120** functionality may consist of a single hardware server, a plurality of hardware servers in the same location, or a plurality of hardware servers in different locations. There are numerous servers or programs running on the server-side **120** and these hardware servers may be capable of communication with each other.

**[0055]** Within the server-side, a host server **121** is depicted. The host server facilitates the generation of audio and video content over a network. The host server is used to respond to requests from a client device **101-103** for web-pages. In response, the host server **121** provides information to the client device **101-103** and all other individuals with whom the content is shared.

**[0056]** Also on the server-side **120** is a user database to keep track of server-side information such as usernames, passwords, XML files, statistics and project names. The user database **122** and content database **125** can store software, descriptive data, images, system information, drivers, and/or any other data item utilized by parts of the host server **121** for operation. The content database **125,** in conjunction with the user database **122,** may also store user information and user content, such as, user profile information, subscription information, audio files, and/or data related to the user content (e.g., statistical data, file attributes, timing attributes, owner of the content, etc.). The user database **122** and content database **125** may be managed by a database management system (DBMS), including but not limited to, Oracle, 082, Microsoft Access, Microsoft SQL Server, PostgreSQL, MySQL, FileMaker, etc.



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**[0057]** The databases **122, 125** can be implemented via object-oriented technology and/or via text files, and can be managed by a distributed database management system, an object-oriented database management system (OODBMS) (e.g., ConceptBase, FastDB Main Memory Database Management System, JDOInstruments, ObjectDB, etc.), an object-relational database management system (ORDBMS) (e.g., Informix, Openlink Virtuoso, VMDS, etc.), a file system, and/or any other convenient or known database management package.

**[0058]** The host server **121** is, in some embodiments, able to communicate with client devices **101-103** via the network **110.** In addition, the host server **121** is able to retrieve data from the user database **122** and the content database **125.** In some embodiments, the host server **121** is able to facilitate the generation of audio and video content, multimedia-content sharing over a network (e.g., the network **110)** among various users of the client devices **101-103.** The host server **121** can store multimedia content to be provided to other users, for example, for on-demand audio and/or video playback and recording. For example, users can listen to audio content or view video content shared by other users. Users can also, in some embodiments, record voice or audio recordings over pre-recorded compositions comprising of beats or melodies- otherwise known as generating audio content. These compositions may be provided by other users stored on the host system over a network. These recording sessions can be conducted in real-time or near real-time as the user is generating the audio or video content, for example.

**[0059]** In one embodiment, an audio and video processing server **126** is on the server-side **120.** This server **126** may, in fact, comprise of multiple servers, each dedicated to a particular format or file type. In one embodiment, the audio and video processing server **126** is one server and provides functionality capable of editing audio and video, such as automatically creating transitional cross-fades between edits and performing the edits or "recording" of the audio and/or video itself. Because all of the editing and storage takes place server side **120,** the audio and video processing server **126** is responsible for making these edits as instructed by the user and storing the content.

**[0060]** In one embodiment, a video creation server **123** is on the server side. This server **123** is dedicated to accepting information such as media files from a remote location that is intended to be stored as video and can process a set of editing instructions on the media files. It is set-up in such a way as to automatically create a pre-determined size and type of video such that the video will be relatively high-quality and yet have a small file size. In one embodiment, the video creation server

**123** encodes the video file to be streamable over a network. The video creation server **123** can create a streamable media file that can be played with HTML5, Javascript or Flash, and thus can be played on a variety of client devices **101-103** such as the iPhone or iPad. In one embodiment, this video creation server **124** creates Flash video content that is designed to be played on a Flash player and to be served by a Flash media server **124.**

**[0061]** In one embodiment, the Flash media server **124** is on the server side **120** and is responsible for serving Flash media to the user as he or she moves through the audio and video content creation process. Additionally the Flash media file server **124** is responsible for providing the Flash media to subsequent users once it has been published and/or shared. The Flash media server **124** is capable of retrieving and displaying the stored video. The video can be stored on the user database **122,** content database **125** or can also be stored on a large scale host server **127** which provides large scale content-caching capability and ensures content is available quickly to an end-user.

**[0062]** **FIG. 2** illustrates a block diagram of a system of one or many server devices on the server-side to facilitate generation of audio and video content over a network. The server(s) **200** include/s a communications module **218** or a combination of communications modules communicatively coupled to the network interface **202** to manage a one-way, two-way, and/or multi-way communication sessions over a plurality of communications protocols. In one embodiment, the communications module **218** receives data (e.g., audio recordings, video recordings, textual data, audio content, video content, etc.), information, commands, requests (e.g., video, and/or audio-based), and/or text-based messages over a network **110.** In one embodiment, the communications module **218** receives communications from a network **110** (e.g., Internet, wired and/or wireless network) initiated via a web-interface.

**[0063]** Since the communications module **218** is typically compatible with receiving and/or interpreting data originating from various communication protocols, the communications module **218** is able to establish parallel and/or serial communication sessions with users of remote client devices for data exchange (e.g., user information and/or user content).

**[0064]** In addition, the communications module **218** can manage log-on requests received from one or more users browsing the audio and/or video content generator. In one embodiment, the



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communications module **218** is able to receive and further manage/process receiving a request from a user to generate audio and/or video content. A connection is typically maintained with a user device until the user leaves the site. In one embodiment, when a user wishes to record an audio or video recording, the communications module **218** prompts the user for permission to access peripheral devices (e.g., microphone, camera, webcam, camcorder, etc.) connected to the user device.

**[0065]** When the communications module **218** is able to access the microphone, the audio detected by the microphone can be recorded over a network. Similarly, when the communications module **218** is able to access the imaging device (e.g., camera, webcam, camcorder), the audio detected by the microphone can be recorded over a network. The communications module **218,** can include, one or more of, or any portion of the one or more of the above described functions, without deviating from the spirit of the novel art of the disclosure.

**[0066]** One embodiment of the present disclosure includes a recording engine **206.** The recording engine **206** can be any combination of hardware components and/or software agents able to record multimedia (e.g., audio, text, image, and/or video) content for example, over a network connection (e.g., Internet). The audio-based content maybe user-generated (e.g., sang, spoken, played, etc.) content provided by the recording user. The recording engine **206,** can, for example, establish a connection with a user device through the communications module **218.** Upon detection of an audio or a video input device (e.g., microphone, camera, webcam, camcorder, transducer, sensor) coupled to the user device, the recording engine **206** can record audio and/or video input (e.g., voice, speech, sound, dialogue, music, instruments music, rhythms, song, rap, melody, theatrical performance, movie, play, an act, a skit, etc.) detected by the audio and/or video input device.

**[0067]** In some instances, the recording engine **206** is able to receive user inputs and react in response to user inputs. For example, the recording engine **206** detects that a user has requested a recording session (e.g., requested via an audio/multimedia player/recorder) **222** and whether the user interface is accessible. If not, the recording engine **206** can request the user for access to the input device.



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**[0068]** Once the user requests to record an audio or a video recording, the recording engine **206** presents an indication of the initiation of the recording session. For example, the recording engine **206** can countdown to the initiation and present an indicator (e.g., visual and/or aural indicator) of the countdown status. When countdown ends, the recording engine **206** begins to record audio and/or video detected from the audio and/or video input device. In one embodiment, the recording session begins when the user generates the request without additional indication provided by the recording engine **206.** During a recording session, the recording engine **206** can perform simultaneous aural playback of a composition to the recording user during a recording session when the recording user has requested to record over the composition.

**[0069]** The recording engine **206** can also terminate the recording session. In some embodiments, the recording engine **206** is coupled to a timer module **210** to keep track of recording time, countdown time, and/or playing time, etc. The timer module **210** may be internal to the recording engine **206.** In addition, the recording session can be terminated in response to receiving a user request (e.g., by the click of a button on the user interface).

**[0070]** The timer module **210** can be any combination of hardware components and/or software agents able to determine relative and/or absolute time. The timer module **210,** in some embodiments, tracks the time elapsed. In addition, the timer module **210,** in some embodiments, externally couples to a time server (e.g., World Time Server, NTP time server, U.S. Time server, etc.) to keep track of time. The timer module **210** is, in some embodiments, accessible by the recording engine **206** and/or the editing module **208** to track recording time and/or playback time. In some instances, elapsed time is usually displayed during audio and video recordings.

**[0071]** One embodiment of the present disclosure includes a preview module **216.** The preview module **216** can be any combination of hardware components and/or software agents able to perform playback of multimedia content such as playback of recorded content and/or simultaneous playback of multiple pieces of multimedia content (e.g., audio, image, video, etc.). In some instances, the preview module **216** includes memory (e.g., volatile and/or non-volatile) and/or storage unit (e.g., magnetic disk drive, optical disk drive, etc.) for storing multimedia content (e.g., audio, video, image or the like). In one embodiment, the preview module **216** includes a memory buffer **214.** Multimedia content stored in the preview module **216** may be stored temporarily (e.g., in the memory buffer **214)** during preview and/or further until the user decides to save or discard the

stored content. The stored content can include recorded or uploaded audio, image, and/or video content, for example.

**[0072]** The preview module **216** is also, in some embodiments, coupled to the audio/multimedia content repository module **212** to access multimedia content stored in the repository. The preview module **216** is, in some embodiments, able to receive, manage, and/or execute a request to preview a particular audio content, composition, or video content. A preview typically occurs after a new recording or a new upload of a composition, audio, or video recording. After the preview, the preview module **216** can discard or save the file based on user request. In some embodiments, a preview occurs for pre-recorded compositions whereby the content is previously created and was previously stored in the audio/multimedia repository module **212.**

**[0073]** In one embodiment, the preview module **216** provides a preview/aural playback of an audio recording after the recording session has ended. The preview module **216** also enables a recording user to preview how the synchronization of a composition and an audio recording would sound like when played together by performing simultaneous aural playback of the audio recording and the composition (e.g., beat). Similarly, the preview module **216** could further enable a recording user to preview the synchronization of audio content/recording along with a video recording/content. The preview would thus allow the recording user to decide to save or discard the recorded content and re-record. In addition, the preview allows the user to make any adjustments to the recorded content (e.g., sound or imaging effects, fade-in, fade-out, frequency, timing, etc.). For example, the recording user can change the underlying composition and/or the timing or latency adjustment (e.g., to the beat) of the audio recording for the synchronization of the composition and audio recording.

**[0074]** One embodiment of the present disclosure includes a generation module **220.** The generation module **220** can be any combination of hardware components and/or software agents able to perform any additional processing procedures. For example, when a user elects to synchronize an audio and/or video recording to a composition or pre-recorded video recording, the generation module **220** generates the synchronized multimedia file from a compilation of individual audio and video files. The synchronized multi-media content can be previewed by the user and subsequently stored, for example, in the audio/multimedia repository module **212** or any other memory storage unit. Prior to synchronizing, the user can configure any settings that need to be



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performed in the process of editing, such as special effects or latency adjustments between the audio/video recordings. In accordance to one embodiment, the audio content may be synchronized with video content from the audio/multimedia player/recorder module. The video content may be recorded or uploaded by the same individual that provided the audio content, or it may be from a different user.

**[0075]** The editing module **208** is able to perform audio processing including but not limited to noise reduction, fading-in, fading out, reverberation, etc. The editing module **208** can also perform video processing including, but not limited to, geometric conversions, color correction and saturation, digital compositing, de-mosaicing, white balance, noise reduction, segmenting, auto-exposure adjustment, de-interlacing, anti- flicker correction, filtering, etc. The editing module **208** can include one or more of or any portion of the one or more of the above described functions, without deviating from the spirit of the novel art of the disclosure.

**[0076]** The server **200** in the example of **FIG. 2,** in accordance with one embodiment, further includes the audio/multimedia content repository module **212.** The audio/multimedia repository module **212** can be any combination of hardware modules and/or software agents able to store, playback, and/or read audio-based and other multimedia data and content, in a variety of formats, including, but not limited to, mp3, mp4, m4a, m4p, aac, wma, ra, wav, ogg, flac, aiff, raw, aw, DVD, CD, Blu-Ray, HD- DVD, DTS-CD, SACO, etc. The audio/multimedia repository module **212** can be, in some embodiments, accessible by the recording engine **206,** the editing module **208,** and the generation module **220.** For example, audio content (e.g., pre-recorded audio compositions, beats, synthesized audio tracks, speech, voice, music, mixes, etc.) can be stored in the audio/multimedia repository module **212** and accessed when the recording engine 206 will record an audio or a video recording. Video content (e.g., pre- recorded video recordings, images, video recordings, etc.) also can be stored in the audio/multimedia repository module **212** and accessed when an audio or video recording will be recorded by the recording engine **206.**

**[0077]** Audio and video content stored in the audio/multimedia repository module **212** typically include user content (e.g., user generated and/or user provided audio/video/image content). For example, audio content can include but are not limited to, rhythms, melodies, vocal expressions (e.g., voice, speech, dialogue, sing, rap, etc.), beats, music, instrumental sounds, synthetic audio content, and/or any other type of digital and/or analog representations of sound. The audio/multimedia



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repository module **212** may further include digital signal processors (DSPs) that support generation of digital audio/video content modification and/or implementation of audio/video effects.

**[0078]** One embodiment of the present disclosure includes a user interface module **204.** The user interface module **204** can be any combination of hardware components and/or software agents able to generate, modify, and/or adjust user interfaces suitable for receiving user input for querying, multimedia content recording, multimedia content exchange, multimedia content playback, collecting favorite user creations, and/or tracking favorite multimedia creation.

**[0079]** In some embodiments, the user interface module **204** generates, provides or presents a user interface, for a user to access additional functions and/or services such as audio/video browsing, audio/video sorting, and audio/video organizing, etc. Examples of user interfaces provided by the user interface module **214** and services accessible via the user interfaces can be visualized with further reference to the example screenshots in **FIGS. 3-18** and **FIG. 20.**

**[0080]** In one embodiment, the user interface module **204** identifies user requests and displays a listing of audio content, compositions, beats, and/or video content. The user request can be generated by an action indicating whether the user wishes to browse through audio content, compositions, beats, and/or video content, for example, via clicking on an associated tab. The user interfaces showing listings of audio content, compositions, and beats are illustrated with further reference to **FIGS. 3-5,** respectively. The user interface module **204,** in some instances, provides additional information associated with each audio content, composition, and beat in the browsing interface. Additional information can include creator, category, name, genre, and title information, etc.

**[0081]** The user interface module **204,** in some embodiments presents a page view for the selected listing, with further reference to **FIG. 3-4,** and detects selection of an audio content, a composition, a beat, and/or video through the listing entries, with further reference to **FIG. 5.** The page view allows the user to further view detailed information regarding the selected multimedia content. The page view may further allow the user to request playback of the multimedia content. The user interface module **204** can adjust the functions and services available through the page view user interface, for example, dependent on whether the page view is for audio content, a composition, a beat, or a video recording.



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**[0082]** In one embodiment, the user interface module **214** can generate and provide a page view in the user interface that includes a listing of entries of a set of compositions representing a melody, rhythm, score, or set of beats. With reference to **FIG. 4,** the page view can organize the compositions into categories. The page view can include a first window for selecting to view a category comprising a first set of compositions in a genre and a second window for selecting a specific composition listing from a subset of the first set of compositions that are a sub-category of the first category.

**[0083]** One embodiment of the user interface module **204** provides a user interface with an audio/multimedia player/recorder **(FIG. 8-15)** to facilitate multimedia content recording and playback over a network. The user interface can include a listing of selectable entries of synchronized multi-media content.

**[0084]** The audio/multimedia player/recorder **222** of the user interface module **214** can also generate and provide, in the same or different user interface, a play button for the playback of an audio recording or composition and/or a reverse/forward button for a user to change the timing of an audio recording over a composition. The composition can be a beat and/or melody provided by the user or another user. The audio/multimedia player/recorder **222** can further include, for example, a record button for initiating a recording session and a stop button for terminating the recordingsession.

**[0085]** The user interface module **214** can further provide a text box in the audio/multimedia player/recorder to display or receive textual input representing a set of lyrics to be sung with the audio recording and a selectable button in the audio player/recorder for updating the lyrics in the text box.

**[0086]** In some embodiments, the user interface module **214** adjusts buttons on the player according to the playback status of an audio recording, for example, with further reference to **FIG. 8.** When no recording is occurring, a play and/or record button can be displayed and are selectable. In addition, when a recording session has ended, for example, a re-record button, review button, cancel button and/or a play button can be displayed, with further reference to **FIG. 9.**

**[0087]** In one embodiment, an instance of the audio player (or multi-media player) can be bookmarked, for example, using any conventional or known website or web- browser including but



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not limited to, one or more of, Mozilla Firefox, Internet Explorer, AOL, Bookmarks, Ask MyStuff, Backflip, Blinklist, BlogMarks, delicio.us, Digg, Diigo, DropJack, Faves, Furl, Opera, Safari, Google Bookmarks, linkaGoGo, Live Favorites, My Yahoo!, Netvoiz, Newswine, Propeller, Reddit, Segnalo, Simpy, Spurl, StumbleUpon, Technorati, Twitter, and/or Yahoo! Bookmarks.

**[0088]** One embodiment of the present disclosure includes a sharing module **224.** The sharing module **224** can be any combination of hardware components and/or software agents able to manage, track, modify, and/or enforce the privacy attributes of audio content. The sharing module **218** may receive commands related to privacy attributes of user content. The multimedia content owner (e.g., recording user of an audio or video content, etc.) typically has the ability to set the privacy attributes of owned content. The multimedia content may be shown on the user's public profile or kept as a private draft, etc., with further reference to **FIG. 15.**

**[0089]** The server **200** can be implemented using one or more processing units, such as server computers, UNIX workstations, personal computers, and/or other types of computes and processing devices. In the example of **FIG. 2,** the server **200** includes multiple components coupled to one another and each component is illustrated as being individual and distinct. However, in some embodiments, some or all of the components, and/or the functions represented by each of the components can be combined in any convenient and/or known manner. For example, the components of the host server may be implemented on a single computer, multiple computers, and/or in a distributed fashion.

**[0090]** Thus, the components of the server **200** are a functional unit that may be divided over multiple servers, computers and/or processing units. Furthermore, the functions represented by the devices can be implemented individually or in any combination thereof, in hardware, software, or a combination of hardware and software. Different and additional hardware modules and/or software agents may be included in the host server 200 without deviating from the spirit of the disclosure.

**[0091]** **FIG. 3** illustrates an example user interface of a listing of pre-recorded audio content. The example user interface of a listing of pre-recorded audio content allows a user to select audio content that was previously recorded by the user or another user. Each listing of audio content may detail additional information about the audio content such as the title of the listing, the user whom created the listing, the number of audio content created by the user, and other descriptive details



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about the user. Further, the listing may allow a user to rate the specific audio content or add to the audio content through collaboration. The user can organize the listing of content according to certain parameters such as highest rating, newest song, newest user, oldest, or play count. In addition, a search query is provided wherein a name, username, song title can be entered and may be searched against defined criteria such as genres, email address, user ID, full name.

**[0092]** **FIG. 4** illustrates an example user interface of a listing of pre-recorded compositions. The example user interface **400** of a listing of pre-recorded compositions allows a user to select a particular category of compositions **401** and specific pre- recorded composition entries **402.** The listing includes multiple pre-recorded compositions based on the applied category (e.g., country, experimental hip hop, hip hop, etc.) selected. Each composition listing can include a display of information related to the composition, including but not limited to, the name of the composition **404** and genre of the composition **405.** A "My Favorites" tab **403** is also selectable for a user to select pre-recorded compositions saved or bookmarked from previous sessions.

**[0093]** **FIG. 5** illustrates an example user interface previewing a pre-recorded composition by playing the selected item. In one embodiment, each entry listing **501** of audio content is clickable by a user to request a preview of the composition associated with the entry listing. When the listing **501** is clicked, the entry expands and more information is revealed. The user interface **500** also includes selectable tabs for users to adjust the volume for the preview of the pre-recorded composition. Additional information regarding the composition such as approval, comments, and/or ratings can also be shown.

**[0094]** In one embodiment, each pre-recorded video recording includes a watch icon that is clickable by a user to request playback of the video associated with the entry listing. In general, the request to play a pre-recorded video recording also plays the associated audio content (e.g., voice recording(s), composition(s), etc.).

**[0095]** **FIG. 6** illustrates an example user interface to query a user to enter lyrics. User interface **600** is an example of a query for a user to enter original lyrics of his/her creation. The query can show multiple query fields which include, but is not limited to, the title of the song **601,** the song lyrics **602,** and lyrics as divided by the type of lyrics (e.g., chorus, refrain, bridge, etc.).



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**[0096]** In addition to the option to enter one's own original song lyrics, the user interface **600** also includes selectable tabs for users to ad lib lyrics **603** and save and record **604.** As will be described later the ad lib **603** option allows users can automatically generate song lyrics. Also, the save and record button **604** allows users to enter their original lyrics, save them for use later, and begin recording the audio recording.

**[0097]** **FIG. 7** illustrates an example user interface of a lyric generation prompt. The example user interface of user interface **700** includes text boxes, suitable for automatically generating lyrics by using text submitted by a user. Once a user has selected a pre-recorded composition, lyrics can be automatically generated upon a user's entry of a pre-defined category of words. In some embodiments, the query for automatic lyrics generation asks the user to provide the following: a crush's name, a noun, an adverb, an adjective and a nickname.

**[0098]** **FIG. 8** illustrates an example user interface having an audio/multimedia player/recorder for recording an audio or video recording. The user interface **800** includes the audio/multimedia player/recorder **801** with selectable buttons for playing of a prerecorded composition **802** or video recording and/or recording of an audio/video recording. For example, the user can generate an audio recording (e.g., rap, sing, speak, and/or any other form of vocalization) when the record button **804** is clicked. Once the record button is selected, a recording session generally begins with the detection of the recording user's audio input device (e.g., microphone). Once the input device is accessible, the user can click the record button of the audio recorder/player (or multimedia recorder/player) to initiate a recording session over the pre-recorded beat or any other selected multimedia content. The user can stop the recording anytime by clicking the record button of the audio recorder/player.

**[0099]** The pre-recorded composition **802** may be played back during the recording session. A play button **805** is, in most instances, displayed when playback of audio or video is not occurring. The audio recorder/player **801,** in some embodiments, also displays the name of the pre-recorded composition **802,** the audio recording that is being recorded **806,** the option to select an effect to apply to the audio recording **807,** an adjustment of the volume of playback **803** and the option to add another audio recording **809.**



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**[0100]** In some embodiments, the user interface **800** includes a song lyric display **810** which displays the song lyrics previously entered from user interface **700** and the option to modify the song lyric entry within the same user interface **800.** Other information also displayed to the user includes the title of the song and the actual words of the lyrics to facilitate the recording of the audio recording.

**[0101]** **FIG. 9** illustrates an example user interface having an audio recorder/player (or multimedia recorder/player) for the recording, playing, editing, and saving of an audio recording. Once the user has completed the recording process, a preview of the audio or video recording can be played back over the network to the user. Typically, the recorded content is stored in a buffer (e.g., memory buffer) when being played for preview.

**[0102]** In the embodiment wherein audio content is created, the user can adjust the volume level of the recorded content based on the preview and the user can apply a special sound effect to audio recorded. The user can also layer or toggle multiple audio recordings by adding another audio recording. If and when the recorded audio recording or video recording is satisfactory to the user, the recording can be permanently saved. If the user chooses to discard the recorded content, the recorded content may be deleted from memory. In some instances, the user can choose to re- record the same content until satisfactory results are obtained.

**[0103]** The user interface display **900** of audio recorder/player may be different before recording, during the recording session, and after the recording session. The different user interface displays are illustrated with further reference to **FIGURE 8, 9, 10, and FIGURE 11.** In one embodiment, the player/recorder includes a record button and a stop button. The record button can be used by the recording user to generate an initiation request to start the recording session. The stop button can be used to stop playback of the multimedia content currently being played. A countdown to the initiation of the recording session thus begins. In most instances, if the user is recording over a composition or pre-recorded video recording, the content is played at the initiation of the recording session. The initiation request to record or stop is typically generated by a single action (e.g., a click of the pointing device) on the record or stop button.

**[0104]** The audio/multimedia player/recorder may record without any audio content in the form of acapella. In one embodiment, during the recording session, the player/recorder may include



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a stop button, a preview button, an indicator of the recording status and a time indicator. The stop button allows a user to generate a termination request to stop the recording session (e.g., by click of a pointing device on the stop button). In one embodiment, the preview button is activated and becomes selectable once the recording session has been stopped. The preview button, when selected, allows the user to listen or view a synchronized result of the audio and video content.

**[0105]** After the recording session, the user is presented with the options of previewing the recording with the selected pre-recorded composition, recording the audio/video content, and/or saving the mixed multimedia content. In one embodiment, when the user saves the recorded content and the recorded content is published. The recording (e.g., audio content, video content) can be saved upon user request, for example, when the user determines that the recording is satisfactory.

**[0106]** **FIG. 10** illustrates an example user interface having an audio/multimedia player/recorder for the processing of an audio recording. The audio recorder/player illustrates the capability of processing the audio recording after recording and the application of, if any, special effects. The duration as well as the timing of the audio recording is displayed in the audio recorder/player, in reference to the pre-recorded composition.

**[0107]** **FIG. 11** illustrates an example user interface having an audio/multimedia player/recorder for the recording of an additional audio recording. In an embodiment, users have the option to add an additional audio recording to the creation of an audio content. Furthermore, with the option of selecting "add track," a plurality of audio recordings can be added beyond the second audio recording. The process of recording, processing, and applying an effect are identical the descriptions in the aforementioned paragraphs.

**[0108]** **FIG. 12** illustrates an example user interface having an audio/multimedia player/recorder for the recording, playing, editing, and saving of an additional audio recording. The audio recorder/player illustrates a modification of the second audio recording in a way that changes the start of the second recording/track after the end of the first recording/track. Moreover, the second audio recording can still be reviewed, re- recorded, or deleted altogether.

**[0109]** **FIG. 13** illustrates an example user interface having an audio/multimedia player/recorder in full-screen mode. In one embodiment, the audio/multimedia player/recorder can



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be expanded to fill the entire screen of any display peripheral (e.g., monitor on a computer). Likewise, all the functionality can exist for the full-screen version of the embodiment, in addition to the option to use headphones during the audio content process.

**[0110]** **FIG. 14** illustrates an example user interface having an audio/multimedia player/recorder to query the user in regards to publishing or continuing the editing of an audio/video creation generated by a user.

**[0111]** After the completion of the editing, saving, and synchronization functions, the audio recorder/player queries the user for a confirmation. In one embodiment, the user can either publish the audio/video content or continue the editing process. In this embodiment, all other options are disabled, except for two possible choices: continuing the modification process until the satisfaction of the user or sharing the audio contenton the network.

**[0112]** **FIG. 15** illustrates an example user interface having an audio/multimedia player/recorder to provide aural playback of a song composition and to facilitate multimedia content sharing. The graphical user interface 1500 includes many selectable options related to providing an aural playback of the song composition that has been synchronized and a volume control option. Another selectable option in one embodiment is selecting the privacy attributes of the audio content on the network. For example, the song composition may be visible to the public or only visible to the owner. Additional privacy settings that specify rules governing other user's rights to comment, share, or rate it may be configurable by the user as well. Users are also able to modify previously-entered query fields such as titles and/or lyrics. Finally, users can enter new information regarding the audio content's description and associated tags for ease of searching.

**[0113]** **FIG. 16** illustrates an example user interface listing of audio contents generated by a user that was previously recorded. The user interface provides a listing of all completed audio content in the users account. The user has the option to return to the audio content and continue the editing of the audio content or delete the entry in its entirety. Other information that is provided include the most recent date of modification, the category of pre-recorded composition, the number of plays, the audio contents name and finally, aposting option.

**[0114]** In the example of **FIG. 16,** the "Post to Facebook" option is illustrated. It enables users to send an instance of the audio content to a Facebook account (e.g., to a friend or to him/herself).



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The instance of the audio content may then be accessed via a link in a Facebook message delivered to a specified Facebook account. In another embodiment, an "embed" option may also be available to a user. The embed option allow users to embed the instance of the audio recorder/player in a site (e.g., MySpace) such that the instance of the widget may be accessed via other sites for multimedia content (e.g., audio, video, etc.) playback or recording purposes.

**[0115]** **FIG. 17** illustrates an example user interface having a audio/multimedia player/recorder for recording a video recording. The screenshot in **FIG. 17** is an example user interface having a audio/multimedia player/recorder suitable for controlling audio/video playback .and recording. The example user interface of screenshot **1700** illustrates the interface while no audio content (e.g., pre-recorded composition, audio recording, pre-recorded video recording) is being played.

**[0116]** **FIG. 18** illustrates an example user interface for editing a video recording. A video recording can be modified after recording. In one embodiment, options to edit a video recording include: fading in, fading out, resetting the position of a video recording, and superposition of composite images to remove a background. Each listing can, in some instances, include an icon uploaded by the artist.

**[0117]** **FIG. 19** illustrates the queuing process for a video content in preparation for publishing over a network. In one embodiment, the queue is one manner in which the present technology can handle a certain amount of simultaneous requests to publish. In accordance to this embodiment, when a user requests the synchronization of the composition, audio recording(s), video recording(s), etc., a download request enters the queue, along with editing instructions and user/content database references·. The user can actively check on the progress of the synchronization. The individual components that comprise audio/video content are then processed, encoded, and made streamable over a network for publication. Upon completion of the encoding, the streaming file is moved to a Flash media server coupled to a database and a slot in the queue becomes available.

**[0118]** **FIG. 20** illustrates an example user interface for the process of chroma key compositing for a video recording. A pre-recorded video recording is provided to a user to utilize as a background during the video recording. Modifications to the pre-recorded video recording include filtering, color correction, color saturation, speed adjustment, etc. to adapt to a genre of a particular audio content. Upon detection of a video input device (e.g., microphone, camera, webcam,



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camcorder, transducer, sensor) coupled to the user device, the input device can record an audio and/or video input (e.g., motion, voice, speech, sound, dialogue, music, instruments music, rhythms, song, rap, melody, theatrical performance, movie, play, an act, a skit, etc.) detected by the video input device. In one embodiment, the user interface allows for a technique of compositing two frames together, wherein one image is selectively made transparent to reveal the other image, as well known in the prior art. As a result, the principal subject is recorded against a background of the pre-recorded video recording. The video recording can then be synchronized with the audio content and video content to create a final product. In another embodiment, user movement can be detected by measuring an object or a change in speed in the camera's field of view, as well known in the prior art. The motion can be represented by a trailing light and thus incorporated into a pre-recorded video recording.

**[0119]** **FIG. 21** depicts a flow diagram illustrating an example process of enabling a user to generate audio content over a network. In process **2102,** a user is presented with a plurality of compositions. The requesting user may come across a composition to his/her liking while browsing and listening to the plurality of compositions. While performing playback of the composition, the user can select to record an audio recording over the composition. In process **2104,** a request is received from the user to add that specific composition. In process **2106,** a lyric using the text submitted by the user is presented and in process **2108,** an audio recording generated by the user can be recorded, wherein the specific composition is playing during the recording of the audio recording. Finally, in process **2110,** the specific composition, the song lyric, and the audio recording can be edited according to user input. The resulting audio compilation can be previewed by the user and saved.

**[0120]** **FIG. 22** depicts a flow diagram illustrating an example process of enabling a user to generate audio and video content over a network. In process **2202,** a first request is received from the user to add an audio content. The request is typically received over a network. In process **2204,** a second request from the user to add a video recording is received. In process **2206,** a plurality of pre-recorded video recordings is presented to the user. In process **2208,** the video recording can be recorded, wherein the audio content is playing during the recording of the video recording. While recording, audio input into a microphone or web-cam or other imaging device can be recorded in real-time. In process **2210,** the specific composition, the song lyric, and the audio recording is edited according to user input.



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**[0121]** **FIG. 23** shows a diagrammatic representation of a machine in the example form of a computer system **2300** within which a set of instructions, for causing the machine to perform any one or more of the methodologies discussed herein, may be executed.

**[0122]** In alternative embodiments, the machine operates as a stand-alone device or may be connected (e.g., networked) to other machines. In a networked deployment, the machine may operate in the capacity of a server or a client machine in a client-server network environment, or as a peer machine in a peer-to-peer (or distributed) network environment.

**[0123]** The machine may be a server computer, a client computer, a personal computer (PC), a tablet PC, a laptop computer, a set-top box (STB), a personal digital assistant (PDA), a cellular telephone, an iPhone, a Blackberry, a processor, a telephone, a web appliance, a network router, switch or bridge, or any machine capable of executing a set of instructions (sequential or otherwise) that specify actions to be taken by that machine.

**[0124]** While the machine-readable medium or machine-readable storage medium is shown in an exemplary embodiment to be a single medium, the term "machine-readable medium" and "machine-readable storage medium" should be taken to include a single medium or multiple media (e.g., a centralized or distributed database, and/or associated caches and servers) that store the one or more sets of instructions. The term "machine- readable medium" and "machine-readable storage medium" shall also be taken to include any medium that is capable of storing, encoding or carrying a set of instructions for execution by the machine and that cause the machine to perform any one or more of the methodologies of the presently disclosed technique and innovation.

**[0125]** In general, the routines executed to implement the embodiments of the disclosure, may be implemented as part of an operating system or a specific application, component, program, object, module or sequence of instructions referred to as "computer programs." The computer programs typically comprise one or more instructions set at various times in various memory and storage devices in a computer, and that, when read and executed by one or more processing units or processors in a computer, cause the computer to perform operations to execute elements involving the various aspects of the disclosure.

**[0126]** Moreover, while embodiments have been described in the context of fully functioning computers and computer systems, those skilled in the art will appreciate that the various



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embodiments are capable of being distributed as a program product in a variety of forms, and that the disclosure applies equally regardless of the particular type of machine or computer-readable media used to actually effect the distribution.

**[0127]** Further examples of machine-readable storage media, machine-readable media, or computer-readable (storage) media include but are not limited to recordable type media such as volatile and non-volatile memory devices, floppy and other removable disks, hard disk drives, optical disks (e.g., Compact Disk Read-Only Memory (CD ROMS), Digital Versatile Disks, (DVDs), etc.), among others, and transmission type media such as digital and analog communication links.

**[0128]** Unless the context clearly requires otherwise, throughout the description and the claims, the words "comprise," "comprising," and the like are to be construed in an inclusive sense, as opposed to an exclusive or exhaustive sense; that is to say, in the sense of "including, but not limited to." As used herein, the terms "connected," "coupled," or any variant thereof, means any connection or coupling, either direct or indirect, between two or more elements; the coupling of connection between the elements can be physical, logical, or a combination thereof.

**[0129]** Additionally, the words "herein," "above," "below," and words of similar import, when used in this application, shall refer to this application as a whole and not to any particular portions of this application. Where the context permits, words in the above Detailed Description using the singular or plural number may also include the plural or singular number respectively. The word "or," in reference to a list of two or more items, covers all of the following interpretations of the word: any of the items in the list, all of the items in the list, and any combination of the items in the list.

**[0130]** The above detailed description of embodiments of the disclosure is not intended to be exhaustive or to limit the teachings to the precise form disclosed above. While specific embodiments of, and examples for, the disclosure are described above for illustrative purposes, various equivalent modifications are possible within the scope of the disclosure, as those skilled in the relevant art will recognize. For example, while processes or blocks are presented in a given order, alternative embodiments may perform routines having steps, or employ systems having blocks, in a different order, and some processes or blocks may be deleted, moved, added, subdivided, combined, and/or modified to provide alternative or sub-combinations. Each of these processes or blocks may be



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implemented in a variety of different ways. Also, while processes or blocks are at times shown as being performed in series, these processes or blocks may instead be performed in parallel, or may be performed at different times. Further any specific numbers noted herein are only examples; alternative implementations may employ differing values or ranges.

**[0131]** The teachings of the disclosure provided herein can be applied to other systems, not necessarily the system described above. The elements and acts of the various embodiments described above can be combined to provide further embodiments.

**[0132]** Any patents and applications and other references noted above, including any that may be listed in accompanying filing papers, are incorporated herein by reference. Aspects of the disclosure can be modified, if necessary, to employ the systems, functions, and concepts of the various references described above to provide yet further embodiments of the disclosure.

**[0133]** These and other changes can be made to the disclosure in light of the above Detailed Description. While the above description describes certain embodiments of the disclosure, and describes the best mode contemplated, no matter how detailed the above appears in text, the teachings can be practiced in many ways. Details of the system may vary considerably in its implementation details, while still being encompassed by the subject matter disclosed herein. As noted above, particular terminology used when describing certain features or aspects of the disclosure should not be taken to imply that the terminology is being redefined herein to be restricted to any specific characteristics, features, or aspects of the disclosure with which that terminology is associated. In general, the terms used in the following claims should not be construed to limit the disclosure to the specific embodiments disclosed in the specification, unless the above Detailed Description section explicitly defines such terms. Accordingly, the actual scope of the disclosure encompasses not only the disclosed embodiments, but also all equivalent ways of practicing or implementing the disclosure under the claims.

**[0134]** While certain aspects of the disclosure are presented below in certain claim forms, the inventors contemplate the various aspects of the disclosure in any number of claim forms. For example, while only one aspect of the disclosure is recited as a means-plus-function claim under 35 U.S.C. §112, ¶13, other aspects may likewise be embodied as a means-plus-function claim, or in other forms, such as being embodied in a computer-readable medium. (Any claims intended to be



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treated under 35 U.S.C. §112, ¶13 will begin with the words "means for".) Accordingly, the applicant reserves the right to add additional claims after filing the application to pursue such additional claim forms for other aspects of the disclosure.

**[0135]** Various examples of the invention will now be described. The following description provides specific details for a thorough understanding and enabling description of these examples. One skilled in the relevant art will understand, however, that the invention may be practiced without many of these details. Likewise, one skilled in the relevant art will also understand that the invention can include many other obvious features not described in detail herein. Additionally, some well-known structures or functions may not be shown or described in detail below, so as to avoid unnecessarily obscuring the relevant description.



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## CLAIMS

What is claimed is:

1. A method for generating and sharing audio/video content to a social network, comprising:
   initiating a content creation process in response to a request from a user;
   prompting the user to record content;
   prompting the user to select an audio composition from a list of compositions retrieved from a host server;
   presenting the user with a record button;
   displaying a countdown to a recording session based on a user interaction with the record button, wherein the recording session comprises video recording;
   providing the user an indication of the initiation of the recording session after the countdown to the recording session has counted down;
   providing simultaneous aural playback of the composition during the recording session, thereby permitting the user to hear the composition during recording;
   generating recorded content based on the recording session;
   displaying a preview of the recorded content to the user, wherein the preview of the recorded content enables the user to change the timing or latency of the recorded content to relative to the selected audio composition;
   selecting a privacy attribute for the recorded content; and
   sending the recorded content to the host server, wherein the host server is configured to store multimedia content to facilitate access to other users according to the selected privacy attribute.

2. The method of claim 1, further comprising the step of terminating the recording session after a duration of time has elapsed.

3. The method of claim 1, further comprising the step of displaying an elapsed time during the recording session.

4. The method of claim 1, further comprising the step of locally saving the recorded content in response to a save request from the user.

5. The method of claim 1, further comprising the step of wherein the step of generating the recorded content is executed by a client device controlled by the user.



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6. The method of claim 1, wherein the audio composition comprises pre-recorded audio

7. The method of claim 1, wherein the preview is stored in temporary memory and re-written to non-transient memory upon receiving a save request from the user.



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## ABSTRACT

Disclosed herein are methods and systems for creating and disseminating of audio and video content generated by a user over a network. In one aspect of the present disclosure, a request to create audio content over a network is received. In another aspect of the present disclosure a request to create multimedia content comprising audio and video content over a network is received. One embodiment includes presenting the user with a plurality of compositions, receiving a request from the user to add a specific composition, presenting a lyric using text submitted by the user, recording an audio recording generated by the user, wherein the specific composition is playing during the recording of the audio recording, and providing editing capability to the specific composition, the song lyric and audio recording.



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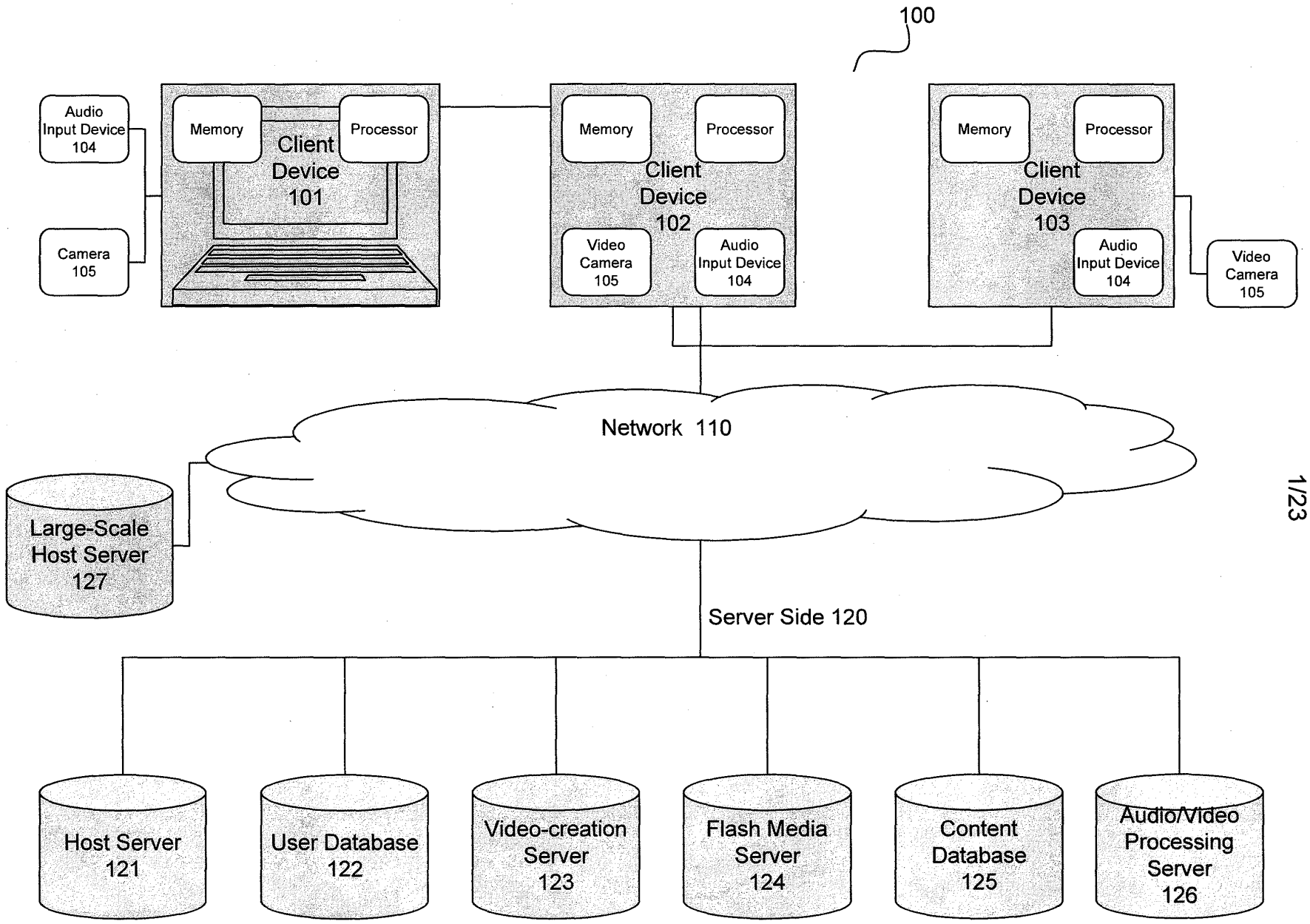

100
Audio Input Device 104
Camera 105
Memory
Processor
Client Device 101
Memory
Processor
Client Device 102
Video Camera 105
Audio Input Device 104
Memory
Processor
Client Device 103
Audio Input Device 104
Video Camera 105
Network 110
Large-Scale Host Server 127
Server Side 120
Host Server 121
User Database 122
Video-creation Server 123
Flash Media Server 124
Content Database 125
Audio/Video Processing Server 126

*FIG. 1*

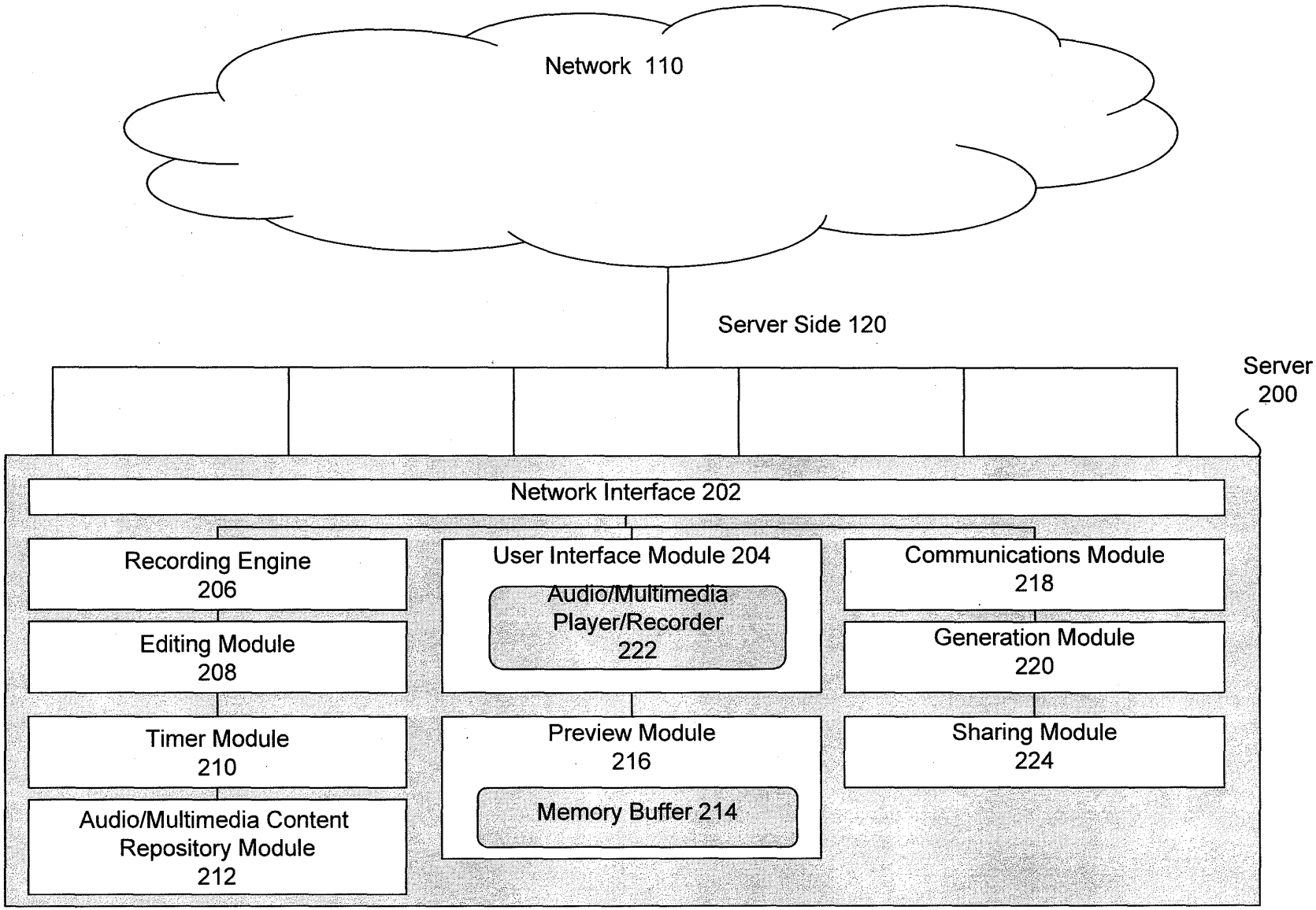

Network 110
Server Side 120
Server
200
Network Interface 202
Recording Engine
206
Editing Module
208
Timer Module
210
Audio/Multimedia Content
Repository Module
212
User Interface Module 204
Audio/Multimedia
Player/Recorder
222
Preview Module
216
Memory Buffer 214
Communications Module
218
Generation Module
220
Sharing Module
224

*FIG. 2*

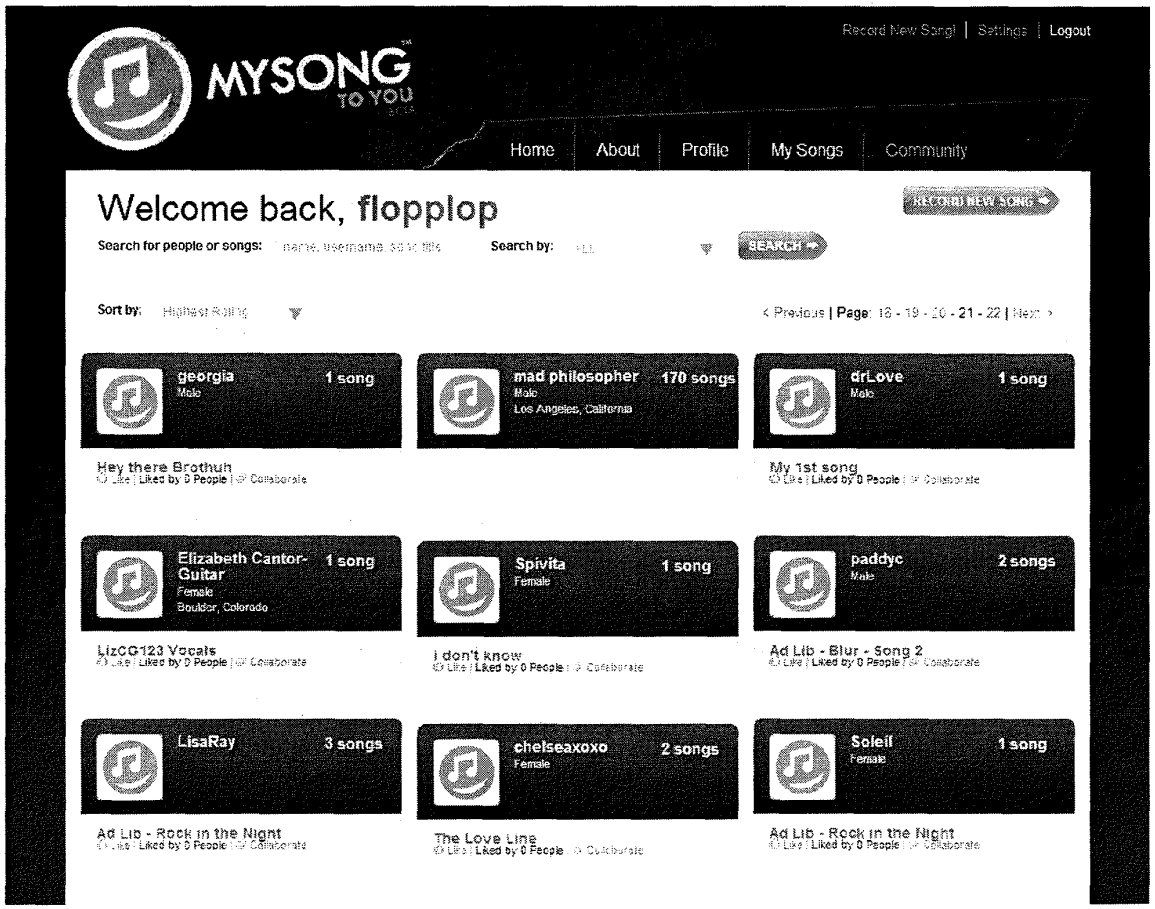

Record New Song! | Settings | Logout
MYSONG TO YOU
Home
About
Profile
My Songs
Community
Welcome back, flopplop
RECORD NEW SONG
Search for people or songs:
Search by:
SEARCH
Sort by:
< Previous | Page: 18 - 19 - 20 - 21 - 22 | Next >
georgia
Male
1 song
Hey there Brothuh
mad philosopher
Male
Los Angeles, California
170 songs
drLove
Male
1 song
My 1st song
Elizabeth Cantor-Guitar
Female
Boulder, Colorado
1 song
LizCG123 Vocals
Spivita
Female
1 song
I don't know
paddyc
Male
2 songs
Ad Lib - Blur - Song 2
LisaRay
3 songs
Ad Lib - Rock in the Night
chelseaxoxo
Female
2 songs
The Love Line
Soleil
Female
1 song
Ad Lib - Rock in the Night

*FIG. 3*

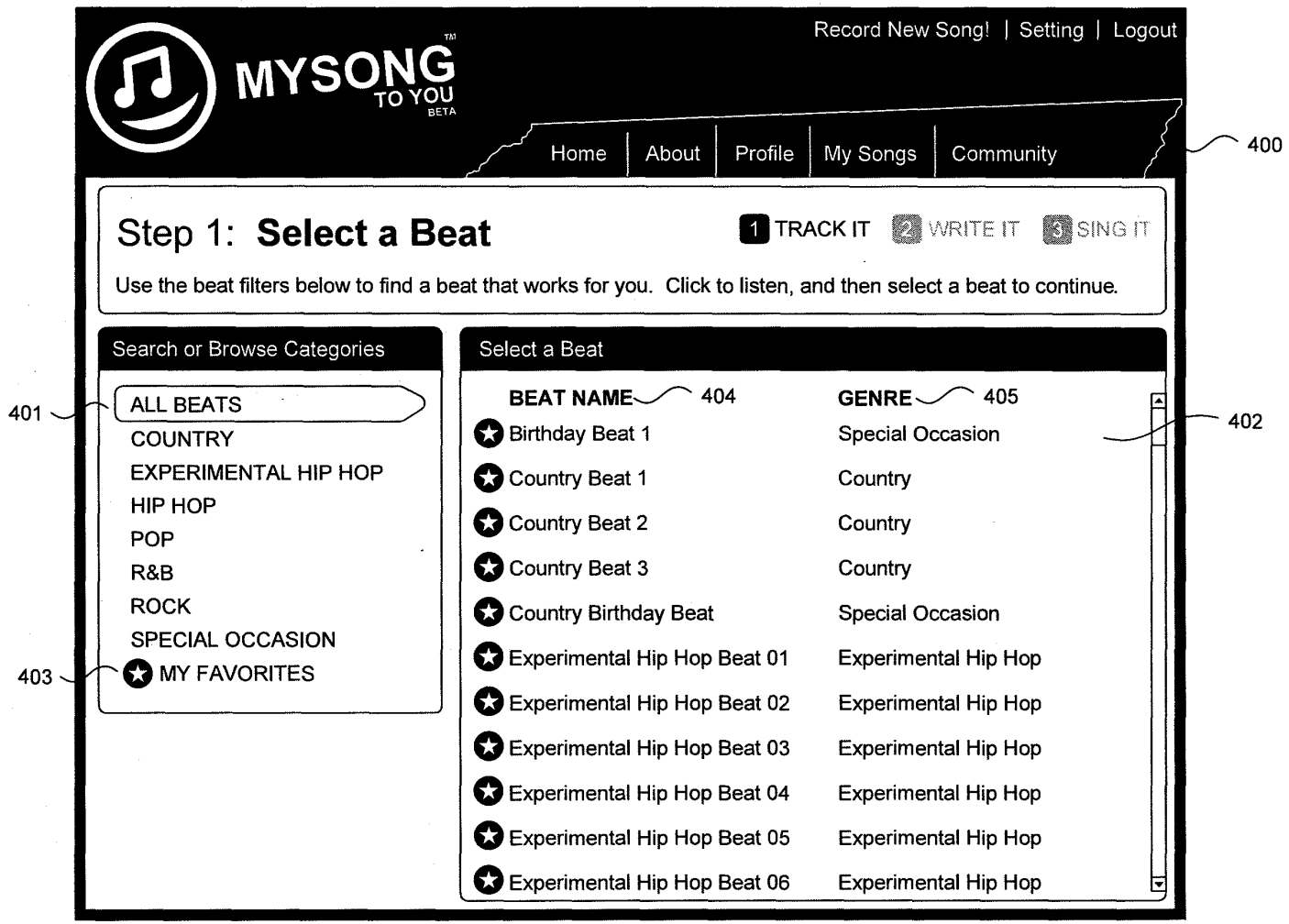

MYSONG TO YOU BETA
Record New Song! | Setting | Logout
Home
About
Profile
My Songs
Community
400
Step 1: Select a Beat
1 TRACK IT
2 WRITE IT
3 SING IT
Use the beat filters below to find a beat that works for you. Click to listen, and then select a beat to continue.
Search or Browse Categories
401
ALL BEATS
COUNTRY
EXPERIMENTAL HIP HOP
HIP HOP
POP
R&B
ROCK
SPECIAL OCCASION
403
MY FAVORITES
Select a Beat
BEAT NAME
404
GENRE
405
402
Birthday Beat 1
Special Occasion
Country Beat 1
Country
Country Beat 2
Country
Country Beat 3
Country
Country Birthday Beat
Special Occasion
Experimental Hip Hop Beat 01
Experimental Hip Hop
Experimental Hip Hop Beat 02
Experimental Hip Hop
Experimental Hip Hop Beat 03
Experimental Hip Hop
Experimental Hip Hop Beat 04
Experimental Hip Hop
Experimental Hip Hop Beat 05
Experimental Hip Hop
Experimental Hip Hop Beat 06
Experimental Hip Hop

*FIG. 4*

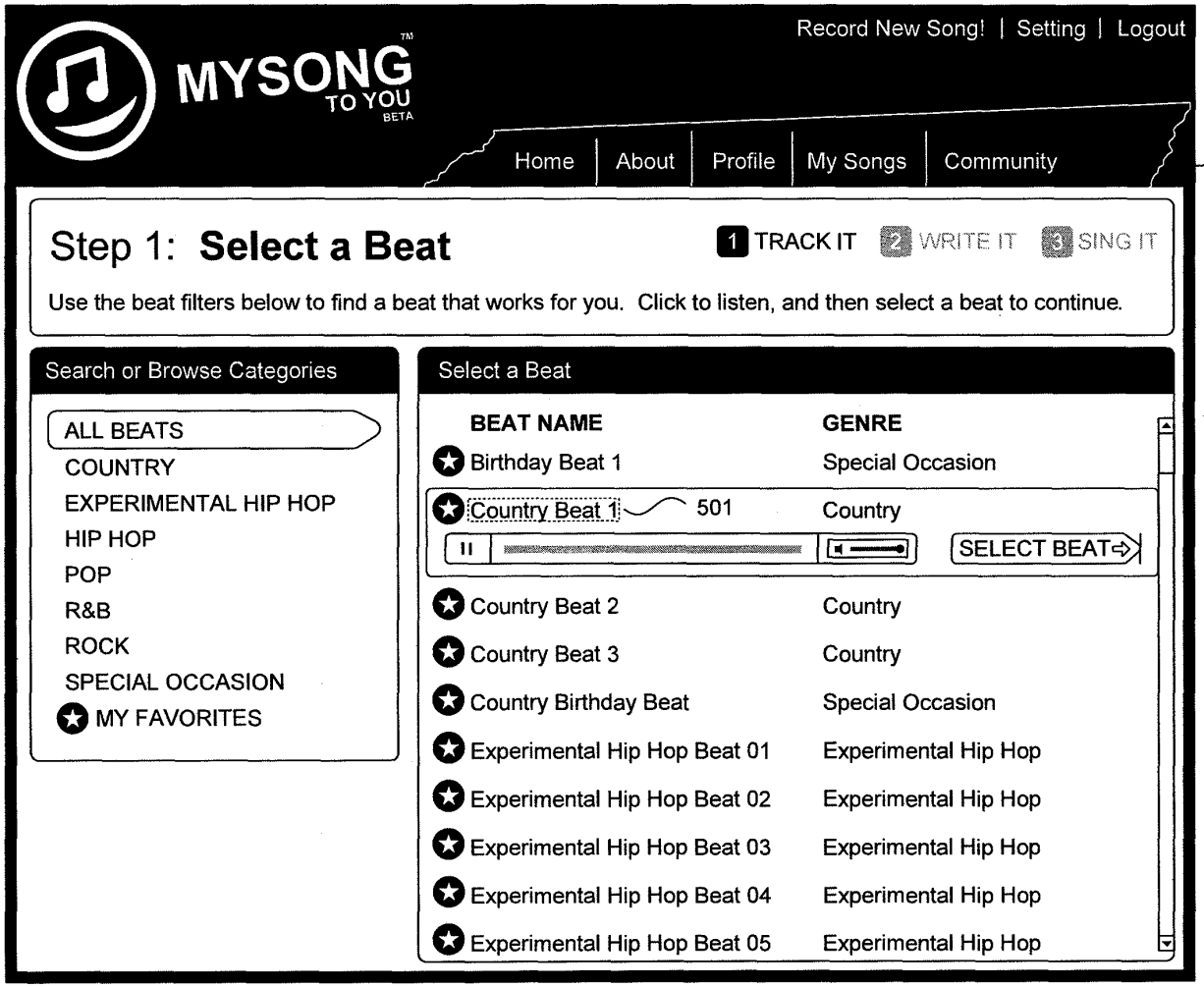

MYSONG
TO YOU
BETA
Record New Song! | Setting | Logout
Home
About
Profile
My Songs
Community
500
Step 1: Select a Beat
1 TRACK IT
2 WRITE IT
3 SING IT
Use the beat filters below to find a beat that works for you. Click to listen, and then select a beat to continue.
Search or Browse Categories
ALL BEATS
COUNTRY
EXPERIMENTAL HIP HOP
HIP HOP
POP
R&B
ROCK
SPECIAL OCCASION
MY FAVORITES
Select a Beat
BEAT NAME
GENRE
Birthday Beat 1
Special Occasion
Country Beat 1
501
Country
SELECT BEAT
Country Beat 2
Country
Country Beat 3
Country
Country Birthday Beat
Special Occasion
Experimental Hip Hop Beat 01
Experimental Hip Hop
Experimental Hip Hop Beat 02
Experimental Hip Hop
Experimental Hip Hop Beat 03
Experimental Hip Hop
Experimental Hip Hop Beat 04
Experimental Hip Hop
Experimental Hip Hop Beat 05
Experimental Hip Hop

*FIG. 5*
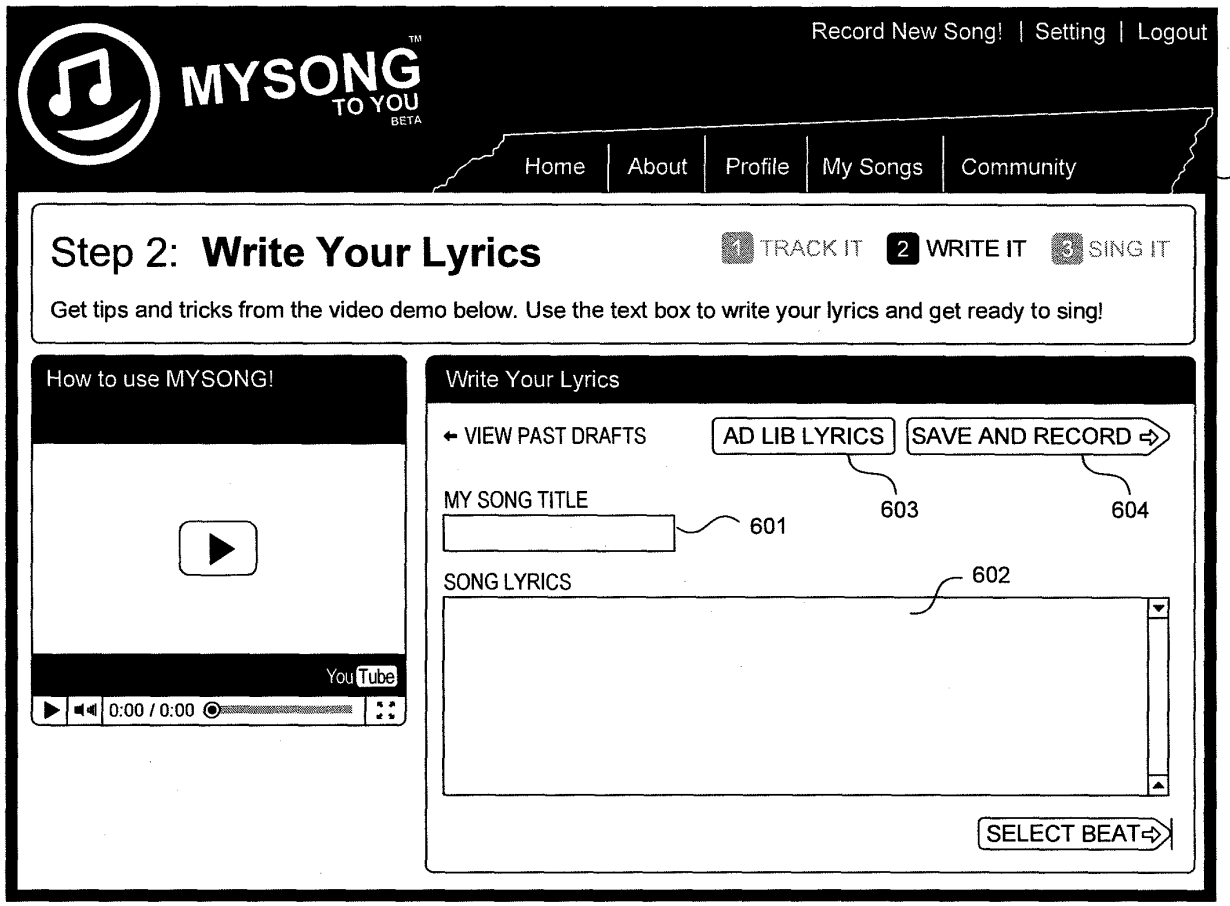

MYSONG
TO YOU
BETA
Record New Song! | Setting | Logout
Home
About
Profile
My Songs
Community
600
Step 2: Write Your Lyrics
1 TRACK IT
2 WRITE IT
3 SING IT
Get tips and tricks from the video demo below. Use the text box to write your lyrics and get ready to sing!
How to use MYSONG!
YouTube
0:00 / 0:00
Write Your Lyrics
← VIEW PAST DRAFTS
AD LIB LYRICS
SAVE AND RECORD
603
604
MY SONG TITLE
601
SONG LYRICS
602
SELECT BEAT

*FIG. 6*
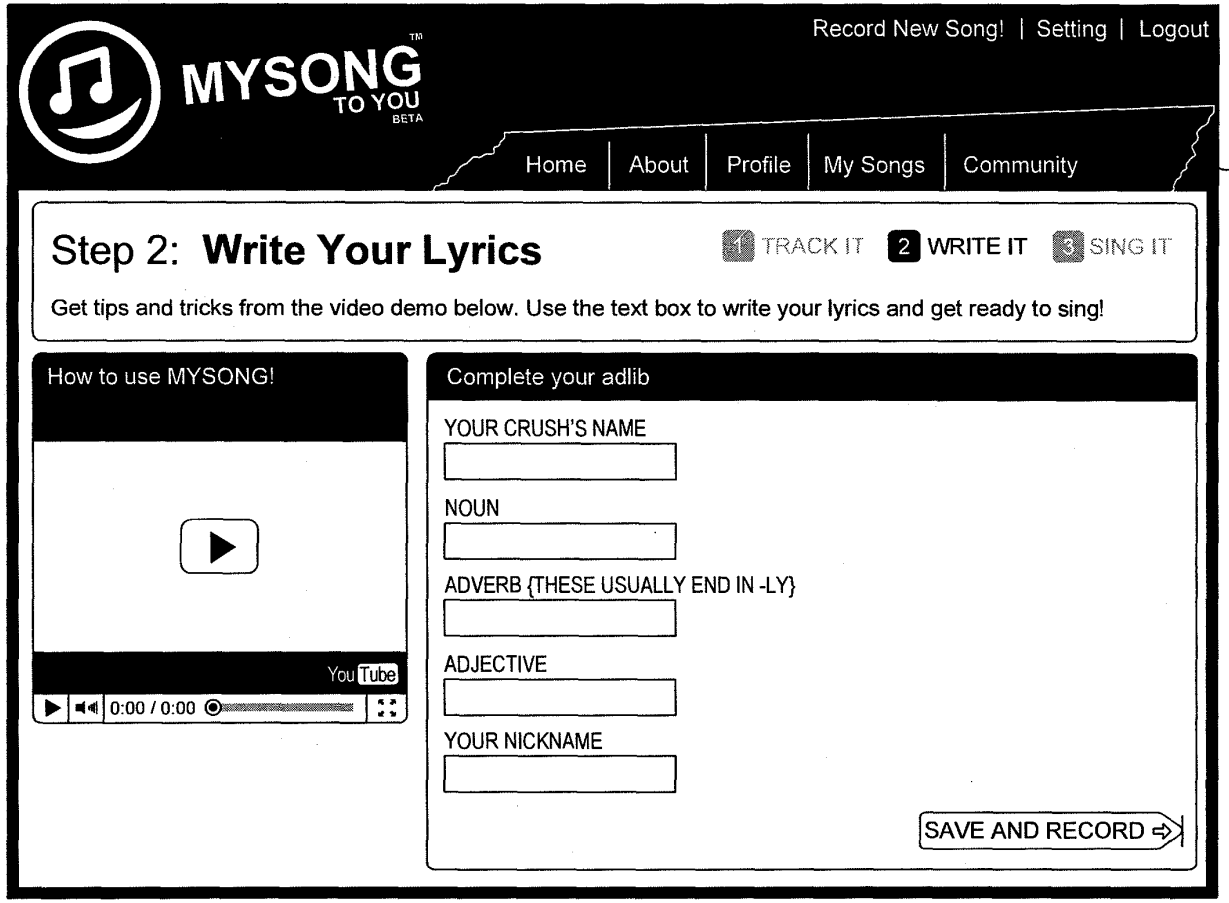

MYSONG
TO YOU
BETA
Record New Song! | Setting | Logout
Home
About
Profile
My Songs
Community
700
Step 2: Write Your Lyrics
1 TRACK IT
2 WRITE IT
3 SING IT
Get tips and tricks from the video demo below. Use the text box to write your lyrics and get ready to sing!
How to use MYSONG!
YouTube
0:00 / 0:00
Complete your adlib
YOUR CRUSH'S NAME
NOUN
ADVERB {THESE USUALLY END IN -LY}
ADJECTIVE
YOUR NICKNAME
SAVE AND RECORD

*FIG. 7*

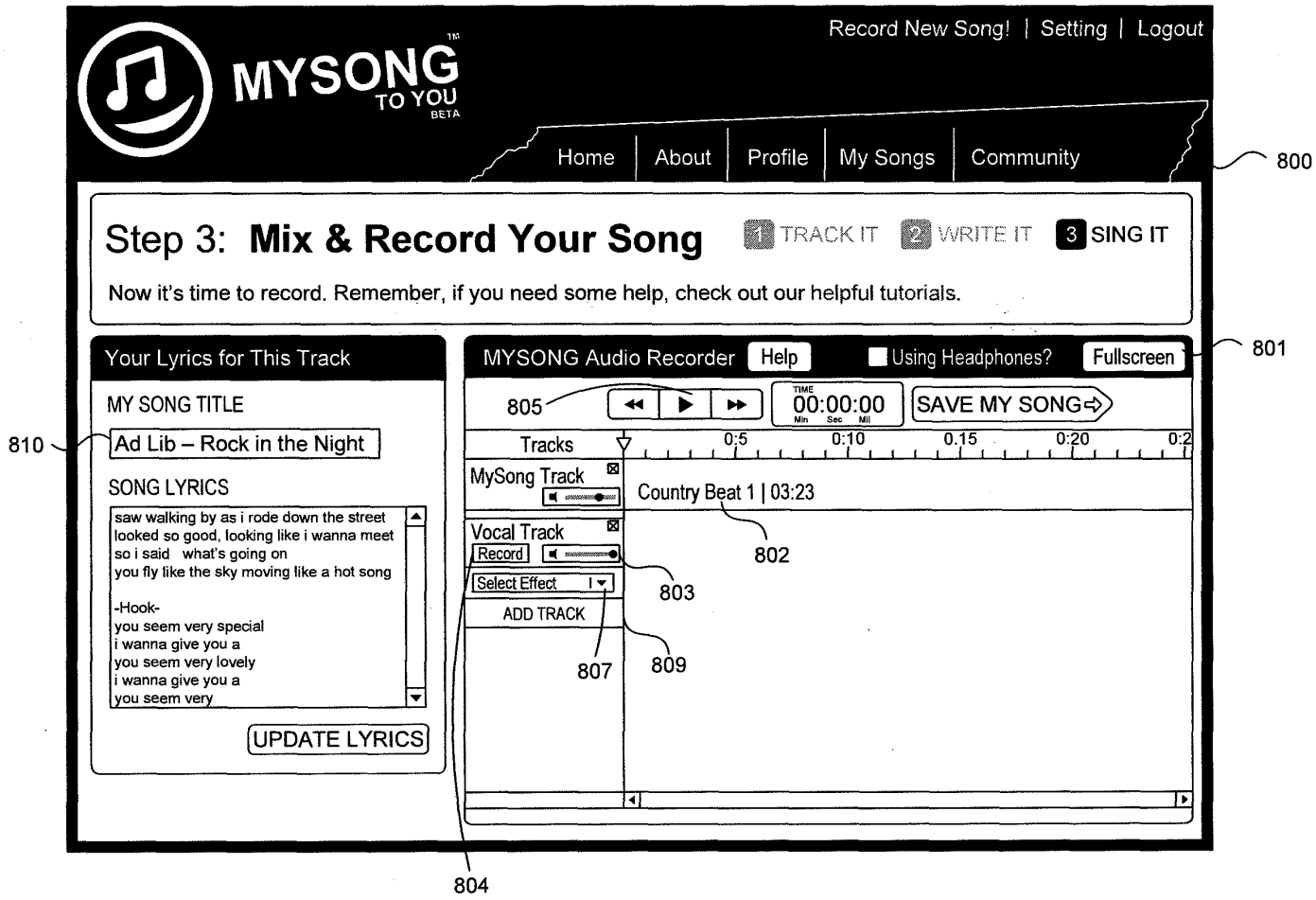

MYSONG TO YOU BETA
Record New Song! | Setting | Logout
Home
About
Profile
My Songs
Community
800
Step 3: Mix & Record Your Song
1 TRACK IT
2 WRITE IT
3 SING IT
Now it's time to record. Remember, if you need some help, check out our helpful tutorials.
Your Lyrics for This Track
MY SONG TITLE
Ad Lib – Rock in the Night
SONG LYRICS
saw walking by as i rode down the street
looked so good, looking like i wanna meet
so i said what's going on
you fly like the sky moving like a hot song
-Hook-
you seem very special
i wanna give you a
you seem very lovely
i wanna give you a
you seem very
UPDATE LYRICS
MYSONG Audio Recorder
Help
Using Headphones?
Fullscreen
801
805
TIME
00:00:00
Min Sec Mil
SAVE MY SONG
Tracks
0:5
0:10
0:15
0:20
MySong Track
Country Beat 1 | 03:23
Vocal Track
Record
Select Effect
ADD TRACK
802
803
807
809
810
804

*FIG. 8*


MYSONG TO YOU BETA
Record New Song! | Setting | Logout
Home
About
Profile
My Songs
Community
900
Step 3: Mix & Record Your Song
1 TRACK IT
2 WRITE IT
3 SING IT
Now it's time to record. Remember, if you need some help, check out our helpful tutorials.
Your Lyrics for This Track
MY SONG TITLE
Ad Lib – Rock in the Night
SONG LYRICS
saw walking by as i rode down the street
looked so good, looking like i wanna meet
so i said what's going on
you fly like the sky moving like a hot song
-Hook-
you seem very special
i wanna give you a
you seem very lovely
i wanna give you a
you seem very
UPDATE LYRICS
MYSONG Audio Recorder
Help
Using Headphones?
Fullscreen
TIME
00:06:41
Min Sec Mil
SAVE MY SONG
Tracks
0:5
0:10
0:15
0:20
MySong Track
Country Beat 1 | 03:23
Review Cancel
Re-Record
Save Recording
ADD TRACK

*FIG. 9*

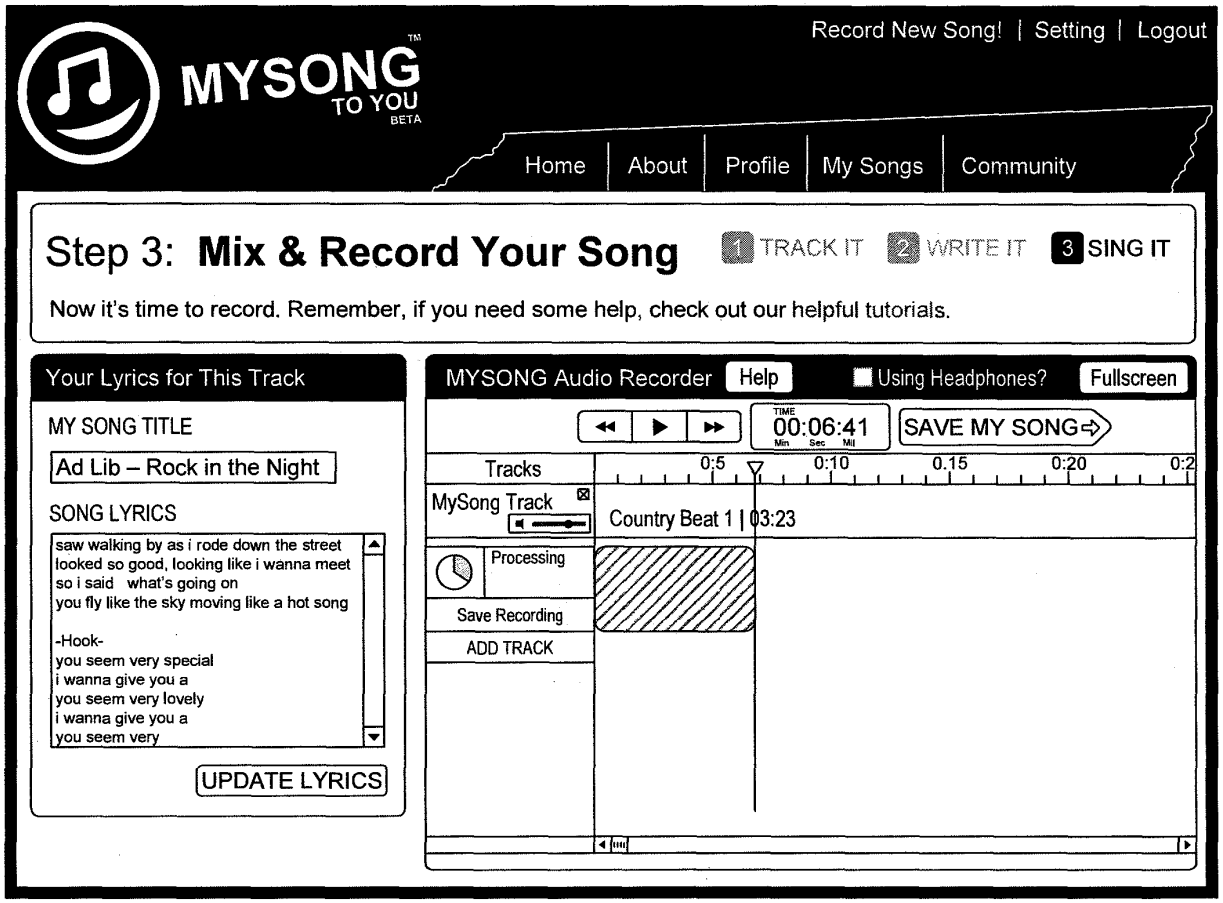

MYSONG
TO YOU
BETA
Record New Song! | Setting | Logout
Home
About
Profile
My Songs
Community
Step 3: Mix & Record Your Song
1 TRACK IT
2 WRITE IT
3 SING IT
Now it's time to record. Remember, if you need some help, check out our helpful tutorials.
Your Lyrics for This Track
MY SONG TITLE
Ad Lib – Rock in the Night
SONG LYRICS
saw walking by as i rode down the street
looked so good, looking like i wanna meet
so i said what's going on
you fly like the sky moving like a hot song
-Hook-
you seem very special
i wanna give you a
you seem very lovely
i wanna give you a
you seem very
UPDATE LYRICS
MYSONG Audio Recorder
Help
Using Headphones?
Fullscreen
TIME
00:06:41
Min Sec Mil
SAVE MY SONG
Tracks
0:5
0:10
0:15
0:20
MySong Track
Country Beat 1 | 03:23
Processing
Save Recording
ADD TRACK

*FIG. 10*

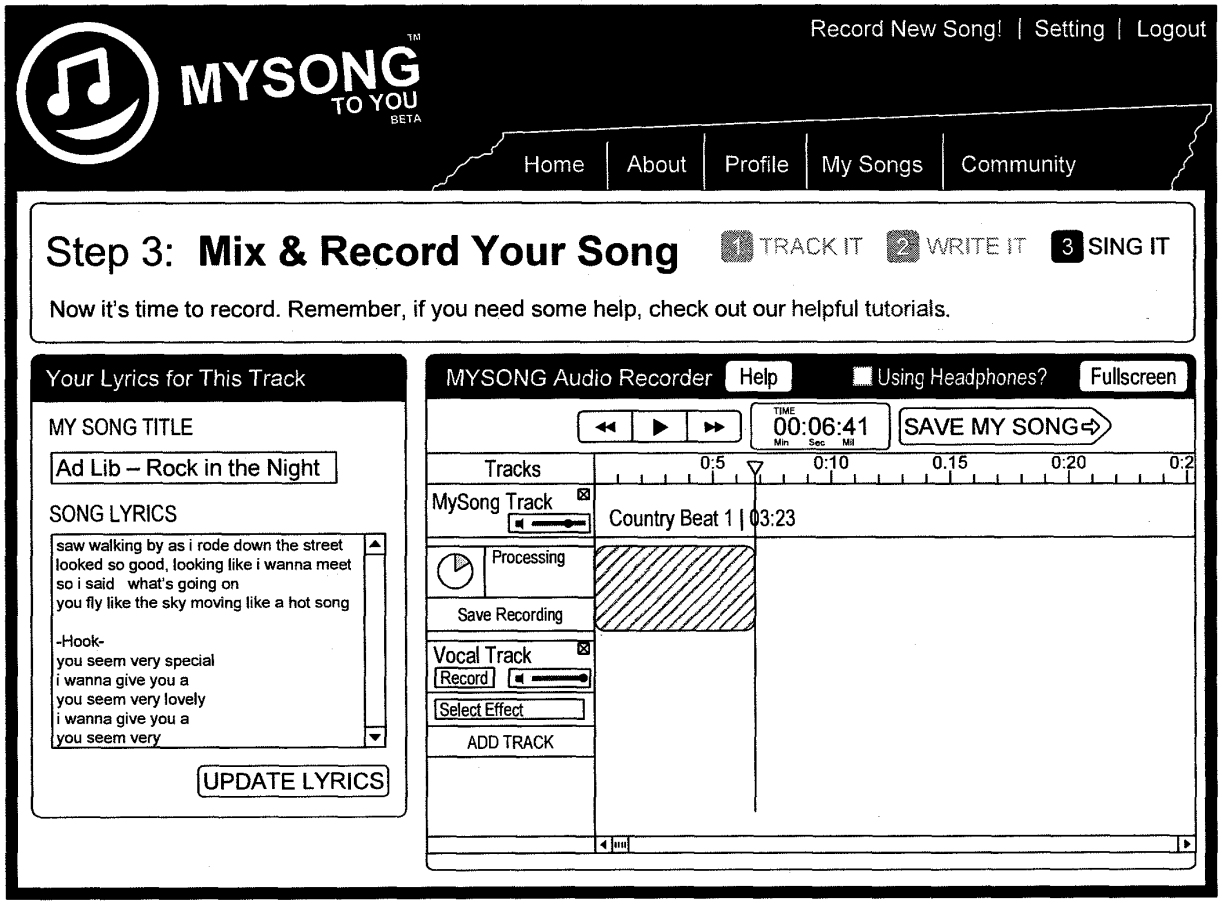

MYSONG TO YOU BETA
Record New Song! | Setting | Logout
Home
About
Profile
My Songs
Community
Step 3: Mix & Record Your Song
1 TRACK IT
2 WRITE IT
3 SING IT
Now it's time to record. Remember, if you need some help, check out our helpful tutorials.
Your Lyrics for This Track
MY SONG TITLE
Ad Lib – Rock in the Night
SONG LYRICS
saw walking by as i rode down the street
looked so good, looking like i wanna meet
so i said what's going on
you fly like the sky moving like a hot song
-Hook-
you seem very special
i wanna give you a
you seem very lovely
i wanna give you a
you seem very
UPDATE LYRICS
MYSONG Audio Recorder
Help
Using Headphones?
Fullscreen
TIME
00:06:41
Min Sec Mil
SAVE MY SONG
Tracks
0:5
0:10
0:15
0:20
MySong Track
Country Beat 1 | 03:23
Processing
Save Recording
Vocal Track
Record
Select Effect
ADD TRACK

*FIG. 11*

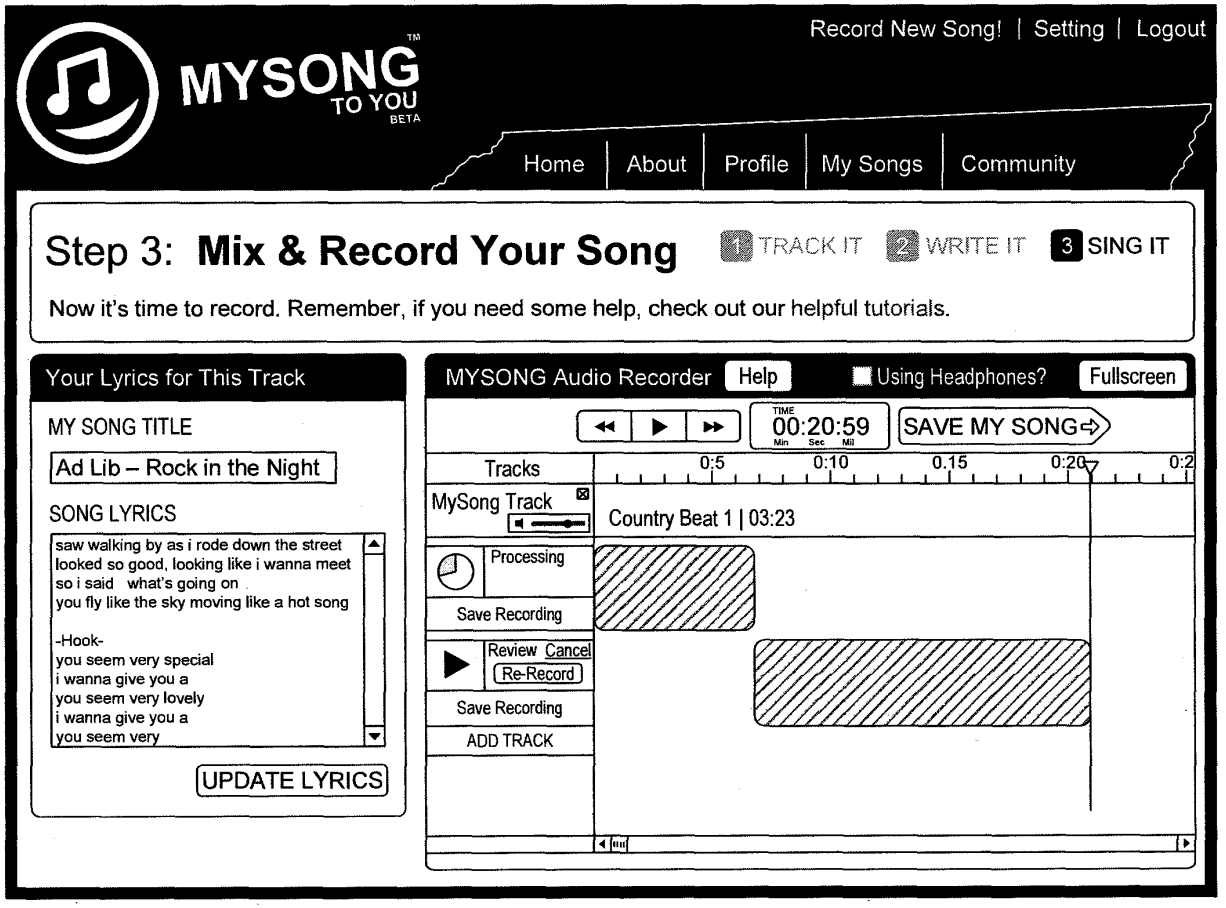

MYSONG
TO YOU
BETA
Record New Song! | Setting | Logout
Home
About
Profile
My Songs
Community
Step 3: Mix & Record Your Song
1 TRACK IT
2 WRITE IT
3 SING IT
Now it's time to record. Remember, if you need some help, check out our helpful tutorials.
Your Lyrics for This Track
MY SONG TITLE
Ad Lib – Rock in the Night
SONG LYRICS
saw walking by as i rode down the street
looked so good, looking like i wanna meet
so i said what's going on
you fly like the sky moving like a hot song
-Hook-
you seem very special
i wanna give you a
you seem very lovely
i wanna give you a
you seem very
UPDATE LYRICS
MYSONG Audio Recorder
Help
Using Headphones?
Fullscreen
TIME
00:20:59
Min Sec Mil
SAVE MY SONG
Tracks
0:5
0:10
0:15
0:20
MySong Track
Country Beat 1 | 03:23
Processing
Save Recording
Review Cancel
Re-Record
Save Recording
ADD TRACK

*FIG. 12*

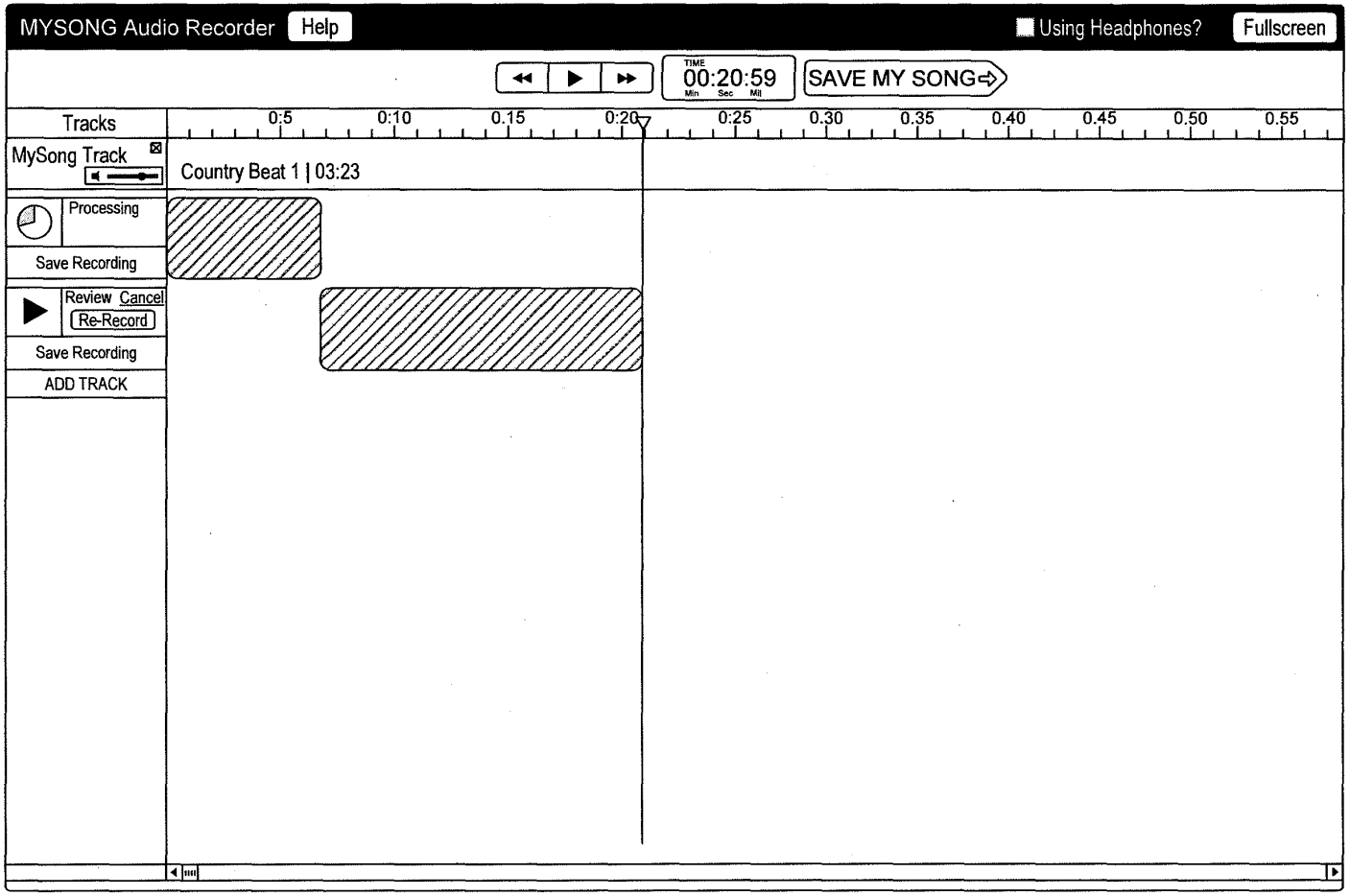

MYSONG Audio Recorder
Help
Using Headphones?
Fullscreen
TIME
00:20:59
Min Sec Mil
SAVE MY SONG
Tracks
0:5
0:10
0:15
0:20
0:25
0:30
0:35
0:40
0:45
0:50
0:55
MySong Track
Country Beat 1 | 03:23
Processing
Save Recording
Review Cancel
Re-Record
Save Recording
ADD TRACK

*FIG. 13*

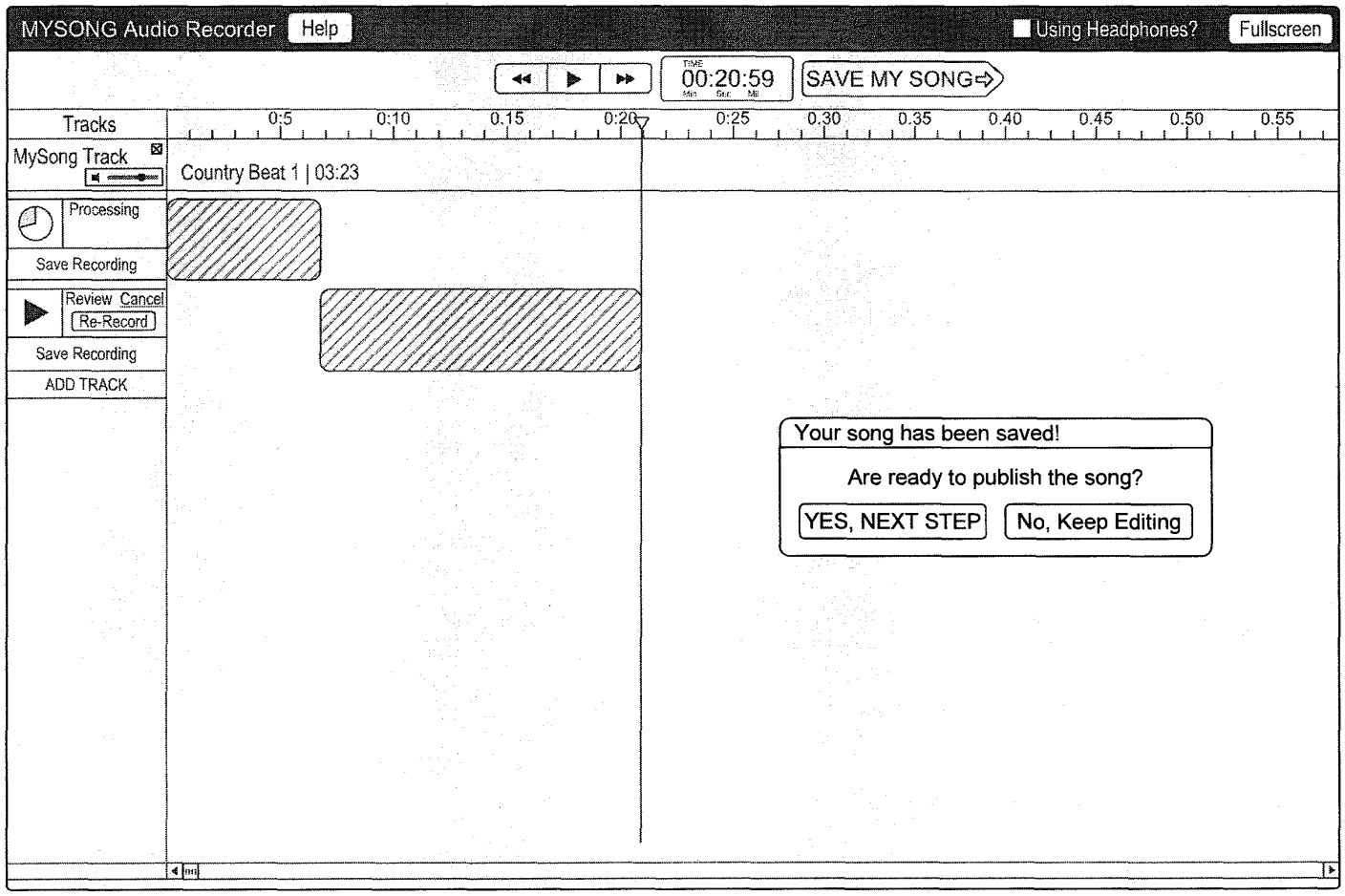

MYSONG Audio Recorder
Help
Using Headphones?
Fullscreen
TIME
00:20:59
SAVE MY SONG
Tracks
0:5
0:10
0:15
0:20
0:25
0:30
0:35
0:40
0:45
0:50
0:55
MySong Track
Country Beat 1 | 03:23
Processing
Save Recording
Review Cancel
Re-Record
Save Recording
ADD TRACK
Your song has been saved!
Are ready to publish the song?
YES, NEXT STEP
No, Keep Editing

*FIG. 14*

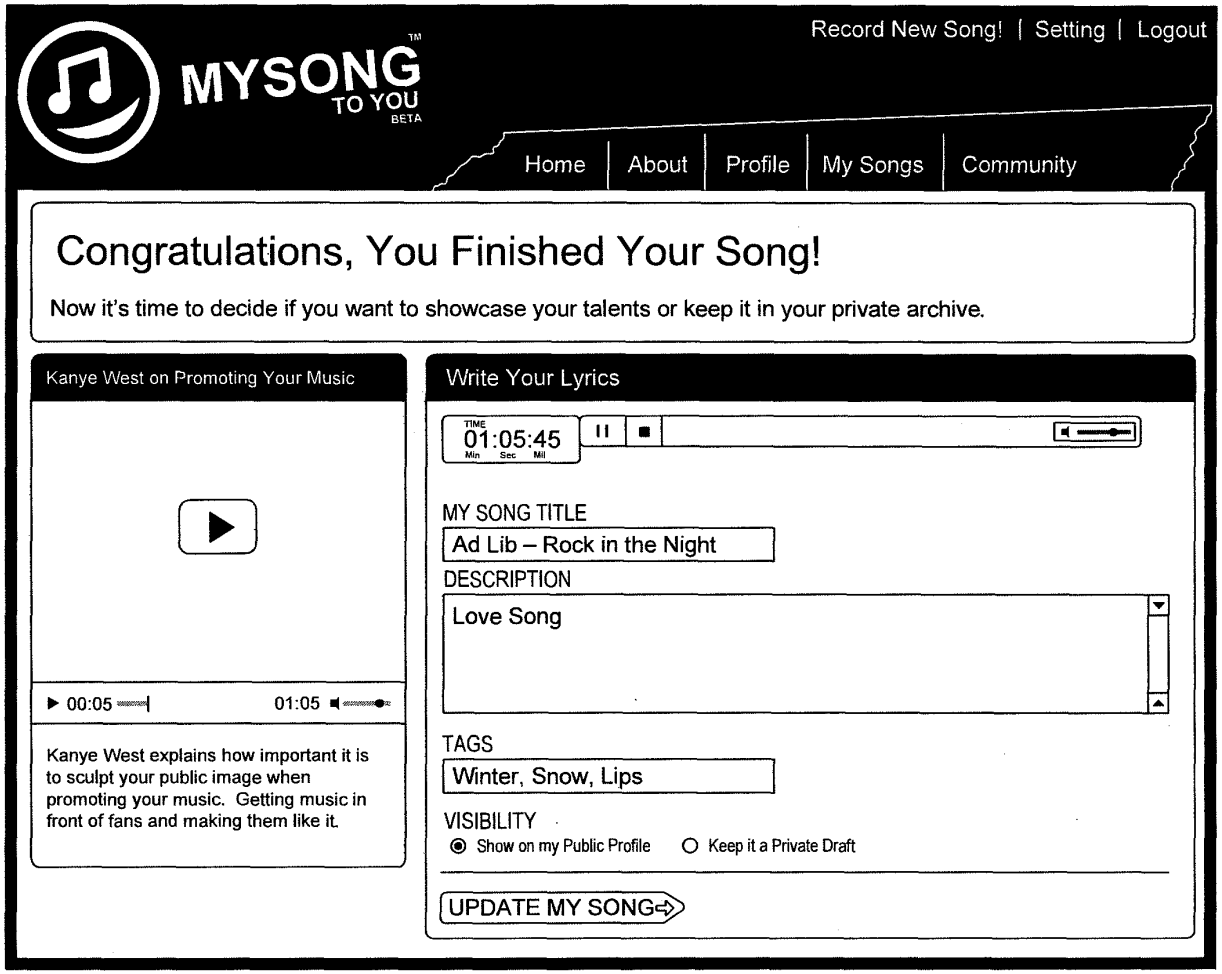

MYSONG
TO YOU
BETA
Record New Song! | Setting | Logout
Home
About
Profile
My Songs
Community
Congratulations, You Finished Your Song!
Now it's time to decide if you want to showcase your talents or keep it in your private archive.
Kanye West on Promoting Your Music
00:05
01:05
Kanye West explains how important it is to sculpt your public image when promoting your music. Getting music in front of fans and making them like it.
Write Your Lyrics
TIME
01:05:45
Min Sec Mil
MY SONG TITLE
Ad Lib – Rock in the Night
DESCRIPTION
Love Song
TAGS
Winter, Snow, Lips
VISIBILITY
Show on my Public Profile
Keep it a Private Draft
UPDATE MY SONG

*FIG. 15*

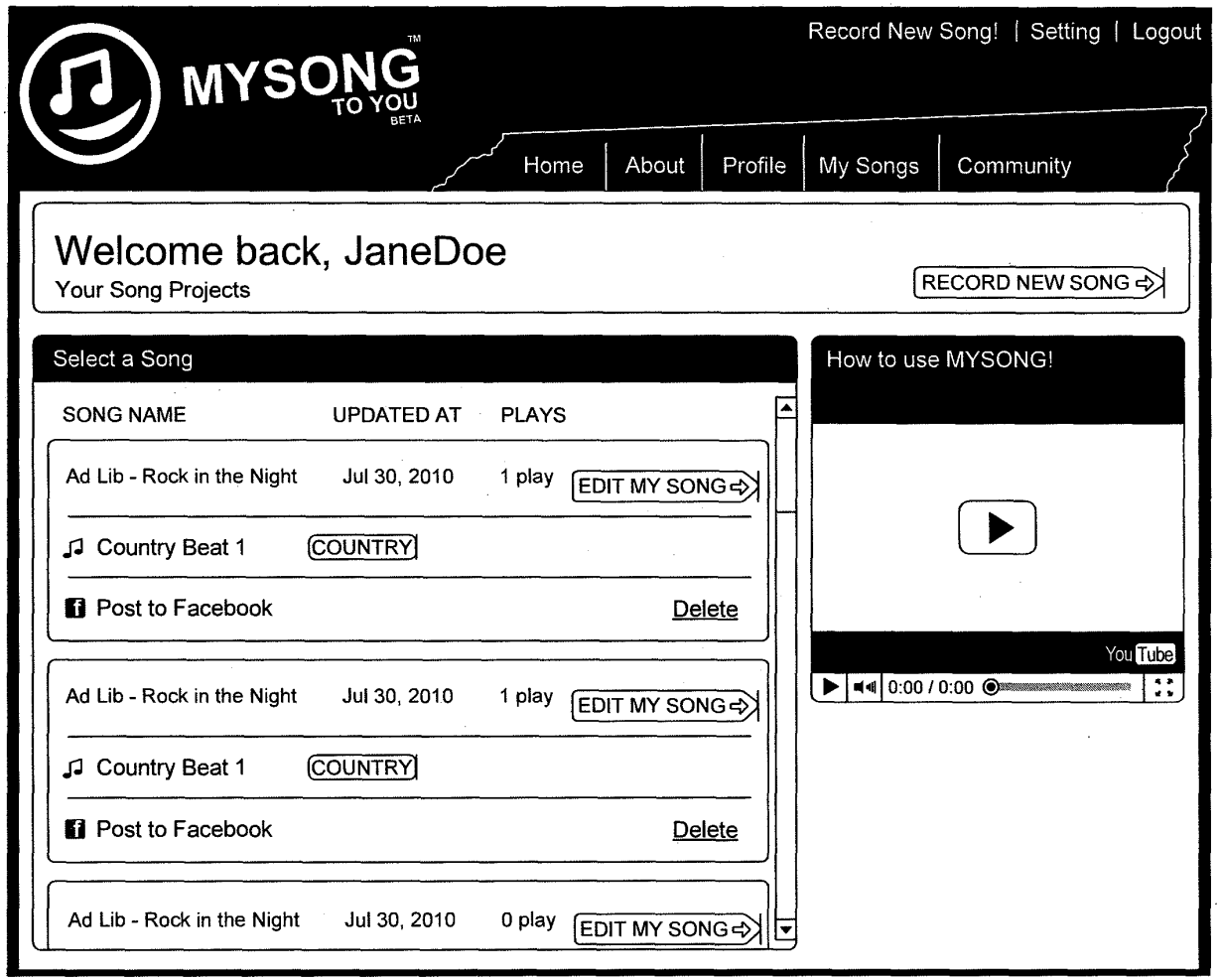

MYSONG
TO YOU
BETA
Record New Song! | Setting | Logout
Home
About
Profile
My Songs
Community
Welcome back, JaneDoe
Your Song Projects
RECORD NEW SONG
Select a Song
SONG NAME
UPDATED AT
PLAYS
Ad Lib - Rock in the Night
Jul 30, 2010
1 play
EDIT MY SONG
Country Beat 1
COUNTRY
Post to Facebook
Delete
Ad Lib - Rock in the Night
Jul 30, 2010
1 play
EDIT MY SONG
Country Beat 1
COUNTRY
Post to Facebook
Delete
Ad Lib - Rock in the Night
Jul 30, 2010
0 play
EDIT MY SONG
How to use MYSONG!
YouTube
0:00 / 0:00

*FIG. 16*

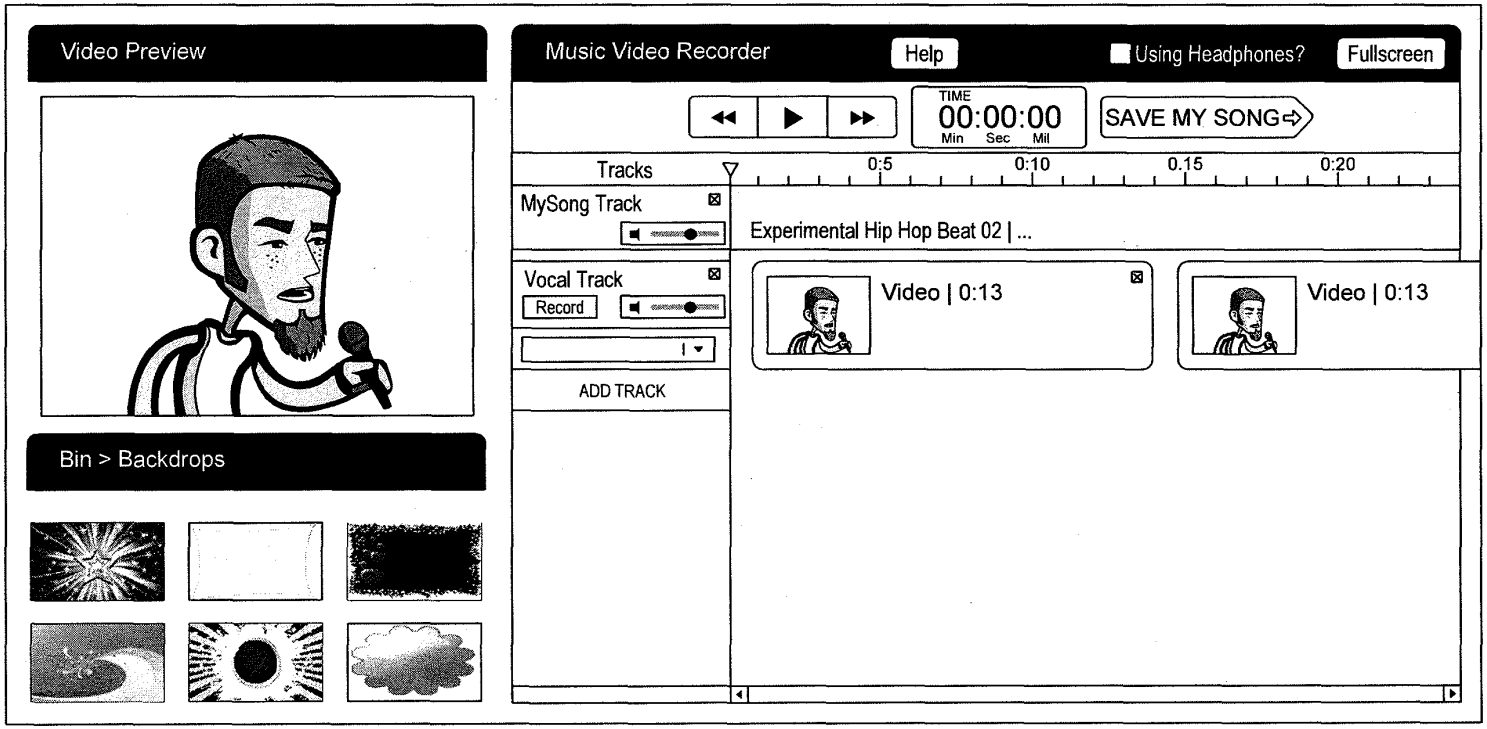

Video Preview
Bin > Backdrops
Music Video Recorder
Help
Using Headphones?
Fullscreen
TIME
00:00:00
Min Sec Mil
SAVE MY SONG
Tracks
0:5
0:10
0:15
0:20
MySong Track
Experimental Hip Hop Beat 02 | ...
Vocal Track
Record
Video | 0:13
Video | 0:13
ADD TRACK

*FIG. 17*

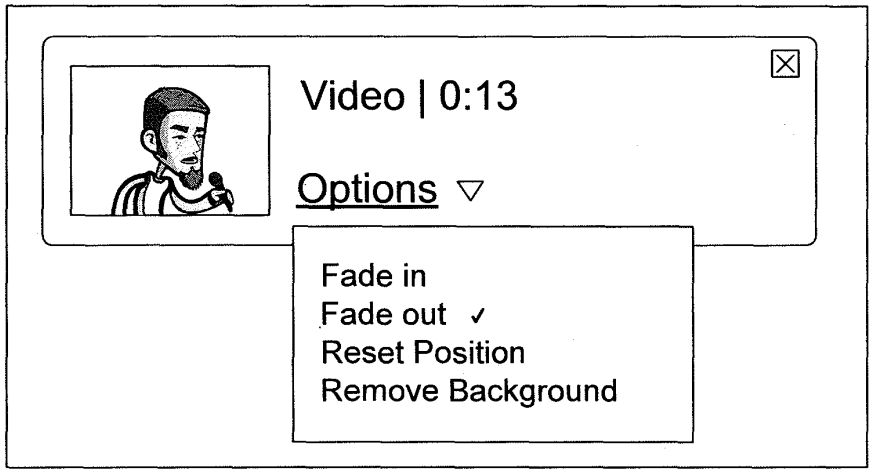

Video | 0:13
Options
Fade in
Fade out ✓
Reset Position
Remove Background

*FIG. 18*

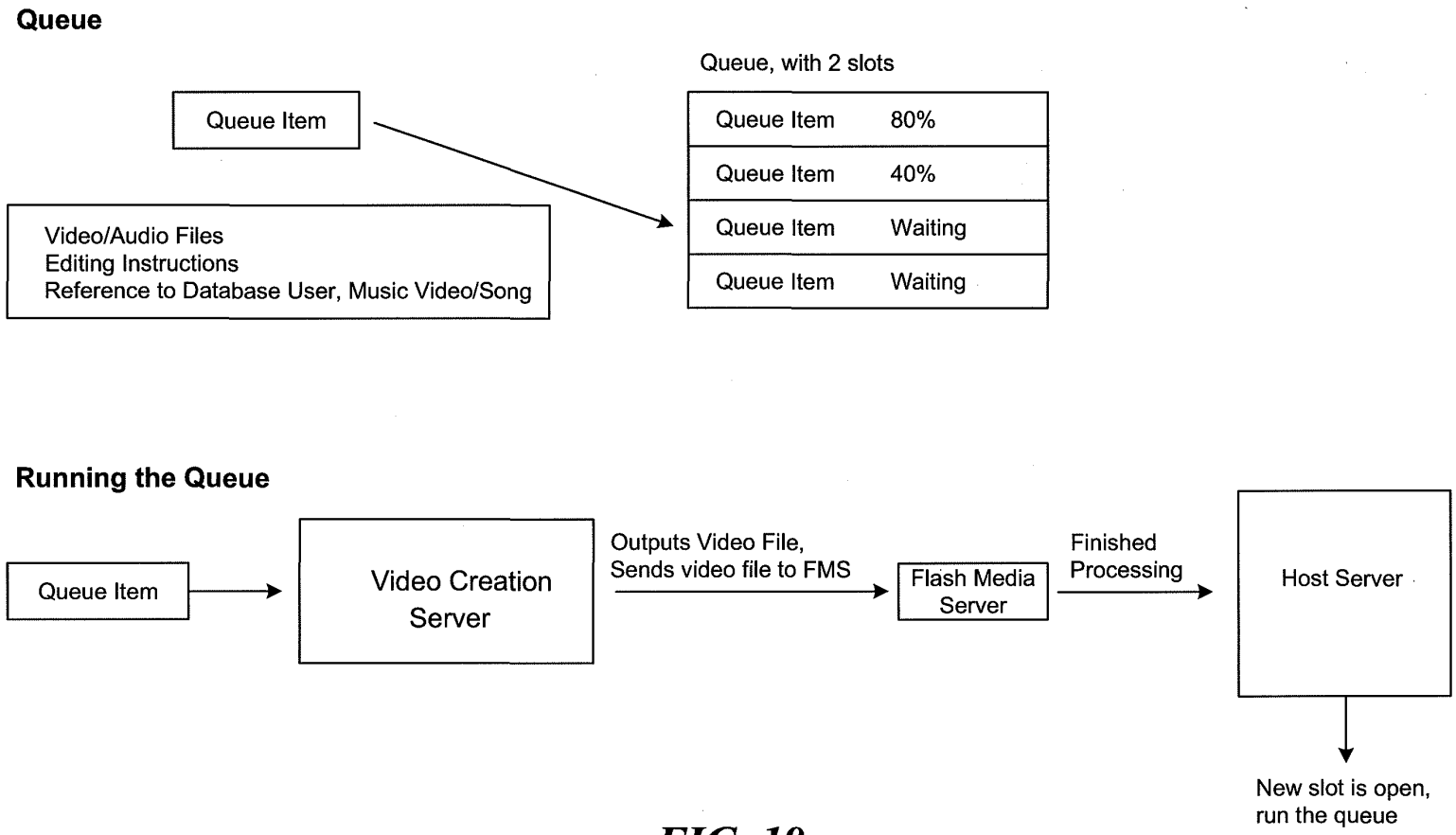

Queue
Queue Item
Video/Audio Files
Editing Instructions
Reference to Database User, Music Video/Song
Queue, with 2 slots
Queue Item 80%
Queue Item 40%
Queue Item Waiting
Queue Item Waiting
Running the Queue
Queue Item
Video Creation Server
Outputs Video File, Sends video file to FMS
Flash Media Server
Finished Processing
Host Server
New slot is open, run the queue

*FIG. 19*

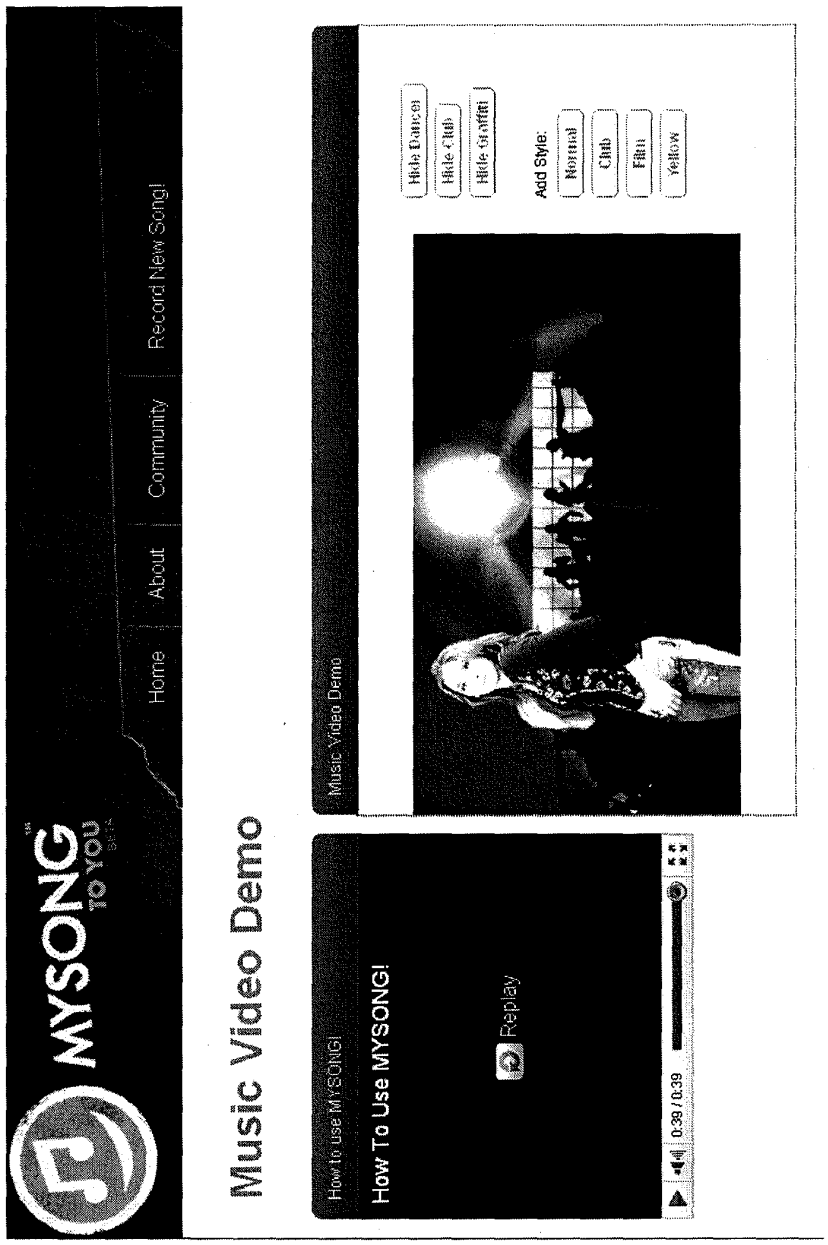

MYSONG
TO YOU
Home
About
Community
Record New Song!
Music Video Demo
How to use MYSONG!
How To Use MYSONG!
Replay
0:39 / 0:39
Music Video Demo
Hide Dancers
Hide Club
Hide Graffiti
Add Style:
Normal
Club
Film
Yellow

*FIG. 20*

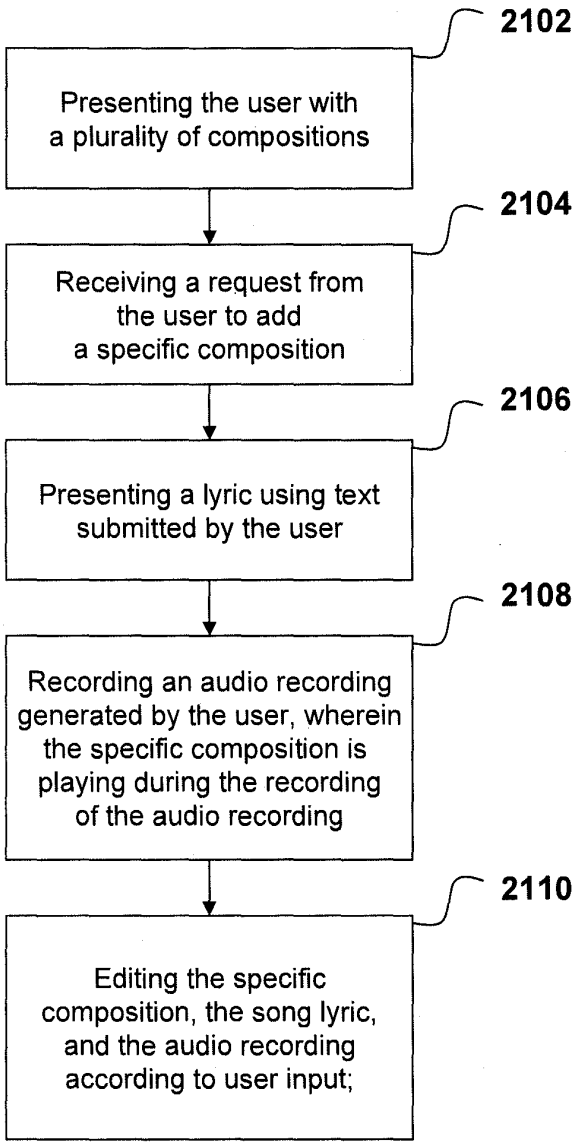

2102
Presenting the user with a plurality of compositions
2104
Receiving a request from the user to add a specific composition
2106
Presenting a lyric using text submitted by the user
2108
Recording an audio recording generated by the user, wherein the specific composition is playing during the recording of the audio recording
2110
Editing the specific composition, the song lyric, and the audio recording according to user input;

*FIG. 21*

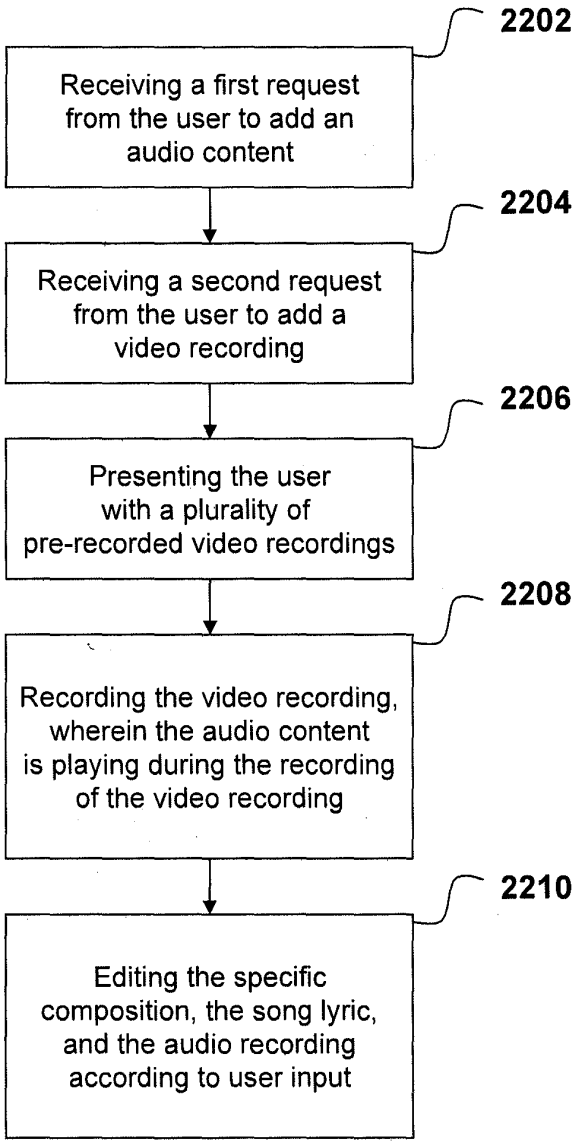

2202
Receiving a first request from the user to add an audio content
2204
Receiving a second request from the user to add a video recording
2206
Presenting the user with a plurality of pre-recorded video recordings
2208
Recording the video recording, wherein the audio content is playing during the recording of the video recording
2210
Editing the specific composition, the song lyric, and the audio recording according to user input

*FIG. 22*

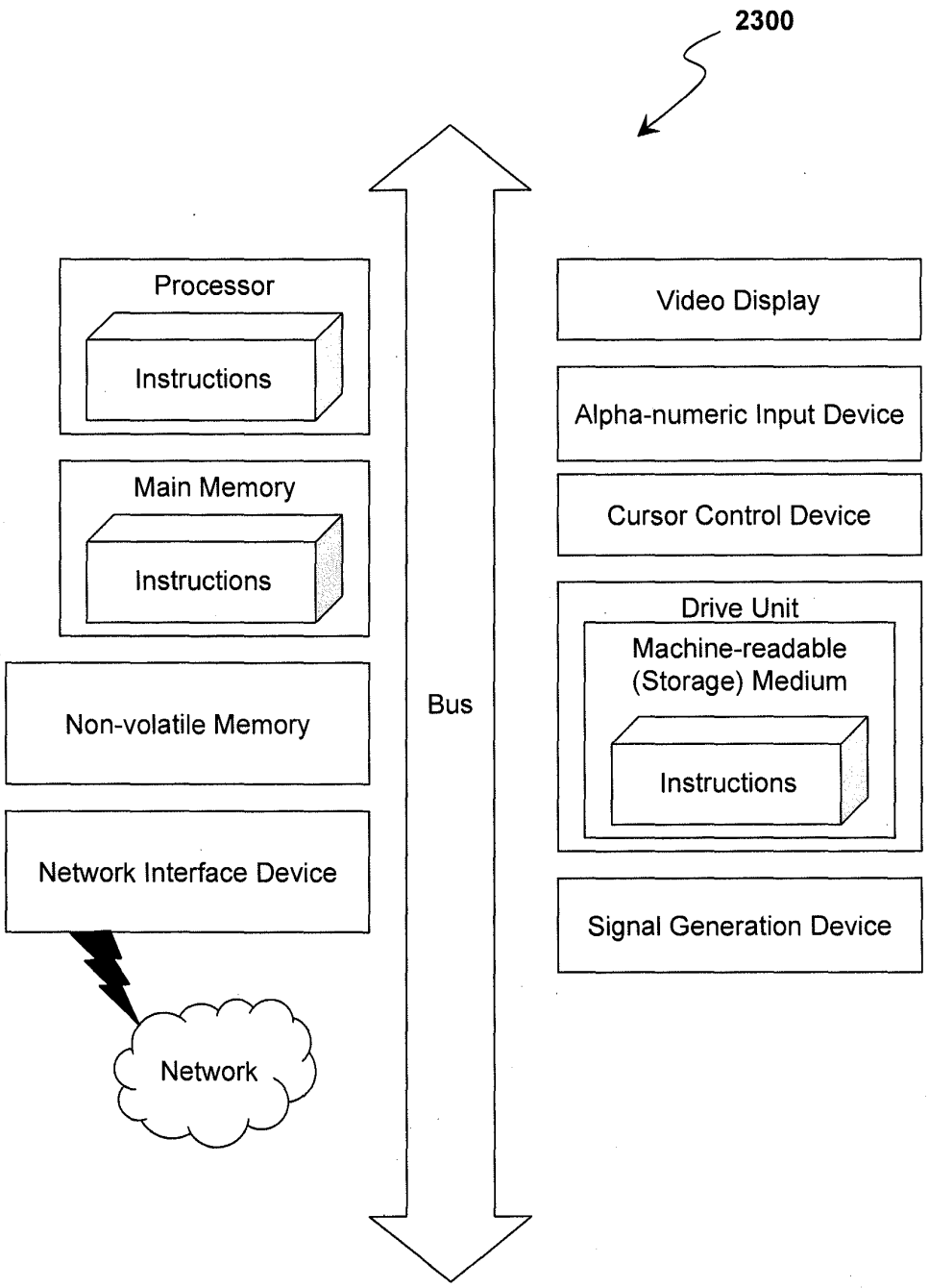

2300
Processor
Instructions
Main Memory
Instructions
Non-volatile Memory
Network Interface Device
Network
Bus
Video Display
Alpha-numeric Input Device
Cursor Control Device
Drive Unit
Machine-readable
(Storage) Medium
Instructions
Signal Generation Device

*FIG. 23*

PTO/AIA/01 (06-12)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

| **Title of Invention** | CREATING AND DISSEMINATING OF USER GENERATED CONTENT OVER A NETWORK |
|---|---|

As the below named inventor, I hereby declare that:

This declaration is directed to:

- [■] The attached application, or
- [ ] United States application or PCT international application number _____

  filed on _____.

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

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

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

## WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

LEGAL NAME OF INVENTOR

Inventor: Shane Pollack Date (Optional) :_____

Signature: _____

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. 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 1 minute 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.*