508101633 09/05/2023

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT8148789

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHELDON CHANG	11/11/2018
YAMING LIN	10/04/2018
ANDRE MADEIRA	10/18/2018
JEREMY VOSS	10/03/2018

RECEIVING PARTY DATA

Name:	SNAP INC.
Street Address:	3000 31ST STREET
City:	SANTA MONICA
State/Country:	CALIFORNIA
Postal Code:	90405

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16146171

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: request@slwip.com

Correspondent Name: SCHWEGMAN LUNDBERG & WOESSNER, P.A.

Address Line 1: P.O. BOX 2938

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	4218.594US1	
NAME OF SUBMITTER:	MITTER: CHERYL BREYFOGLE	
SIGNATURE:	/Cheryl Breyfogle/	
DATE SIGNED:	09/05/2023	

Total Attachments: 7

source=4218594US1ISSFEE#page1.tif source=4218594US1ISSFEE#page2.tif source=4218594US1ISSFEE#page3.tif source=4218594US1ISSFEE#page4.tif

PATENT 508101633 REEL: 064793 FRAME: 0540

source=4218594US1ISSFEE#page5.tif source=4218594US1ISSFEE#page6.tif source=4218594US1ISSFEE#page7.tif

RECORDATION FORM COVER SHEET PATENTS ONLY

Form PTO-1595 (Rev. 6-18) OMB No. 0651-0027 (exp. 10/31/2024) U.S. Department of Commerce United States Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please re	cord the attached documents or the new address(es) below.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Sheldon Chang, Yaming Lin, Andre Madeira, Jeremy	Name: Snap Inc.
Voss Additional name(s) of conveying party(ies) attached?	Street 3000 31st Street Address:
[]Yes [X]No	City: Santa Monica
3. Nature of conveyance/Execution Date(s):	State/Province: CA
Execution Date(s): November 11, 2018, October 4, 2018, October 18, 2018, October 3, 2018	Zip: 90405
2018, October 18, 2018, October 3, 2018	Country: United States of America
[X] Assignment [] Merger [] Security Agreement [] Change of Name [] Joint Research Agreement [] Government Interest Assignment [] Executive Order 9424, Confirmatory License [] Other	Additional name(s) & address(es) attached? □Yes □ No
4. Application number(s) or patent number(s): [] This doc A. Patent Application No.(s) Serial No. 16/146,171 Additional numbers attached? []Yes [X]No	B. Patent No.(s)
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1
5. Name and address of party to whom correspondence concerning document should be mailed:	7. Total fee (37 CFR 1.21(h) & 3.41): \$ <u>0.00</u>
Name: Gall C. Gotfried Address: Schwegman Lundberg & Woessner, P.A. P.O. Box 2938 Minneapolis, Minnesota 55402 Phone Number: (651) 305-2718 Docket Number: 4218.594US1 Email Address: request@slwip.com	 []Authorized to be charged to deposit account 19-0743 []Enclosed [] None required (government interest not affecting title) 8. Payment Information Deposit Account No.: 19-0743 Authorized User Name: Gall C. Gotfried
9. Signature:	
Gall C. Gotfried/Reg. No. 58,333 Name of Person Signing Total number of pages including	/ Sep 2, 2023 Signature Date ng cover sheet, attachments, and documents: 7
Total number of pages includi	ng cover sheet, attachments, and documents. I

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

ASSIGNMENT

WHEREAS, Sheldon Chang, Yaming Lin, Andre Madeira and Jeremy Voss (hereinafter the "Undersigned") have made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention"); as described in the patent application filed on September 28, 2018, assigned US application serial number 16/146,171, and titled RANKING NOTIFICATIONS IN A SOCIAL NETWORK FEED and as described in a provisional patent application filed on November 28, 2017 assigned United States application serial number 62/591,414, and titled RANKING NOTIFICATIONS IN A SOCIAL NETWORK FEED.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged by the Undersigned, the Undersigned do hereby irrevocably and unconditionally:

CONVEY, ASSIGN, AND TRANSFER to Snap Inc. (the "Assignee"), a corporation of the State of Delaware, having a place of business at 2772 Donald Douglas Loop North, Santa Monica, CA 90405, the Undersigned's entire right, title, and interest for the United States and all foreign countries and jurisdictions in and to:

the Invention which is disclosed in the above-identified application or applications;

such application or applications, and all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries and jurisdictions based in whole or in part on any of such Invention (including any application for a utility model or an innovation patent application);

all original and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions based in whole or in part on any of such Invention;

including the right to claim priority to the above-identified patent application or applications in relation to subject matter based in whole or in part on the above-identified patent application or applications and any of the foregoing including the right to file foreign applications under the provisions of any convention or treaty;

and including the right to all causes of action, remedies, and other enforcement rights related to the above-identified application or applications, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified patent application or applications and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such Invention to the Assignee;

AUTHORIZE AND REQUEST that any attorney associated with U.S. Patent and Trademark Office (USPTO) Customer No. 144407 may (directly or through his/her designee) delete, insert, or alter any

Assignment Docket No: 4218.594US1

Assignors: Sheldon Chang et al.

Title: RANKING NOTIFICATIONS IN A SOCIAL NETWORK FEED

Page 2 of 6

information related to the above-identified patent application or applications or any of the foregoing, after execution of this Assignment;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or shall be made to others by the Undersigned, and that the full right to convey the same as herein expressed is possessed by the Undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the Undersigned shall (1) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the Invention; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the Invention; (3) communicate to the Assignee all facts known to the Undersigned relating to the Invention and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for the Invention; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such Invention in the Assignee, or for securing, maintaining and enforcing proper patent protection for the Invention;

COVENANT, that should any provision of this agreement be held unenforceable by an authority of competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining provisions.

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives, and successors of the Undersigned, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

AGREED as of the date of my signature below:

Docket No: 4218.594US1 Assignment

Assignors: Sheldon Chang et al.
Title: RANKING NOTIFICATIONS IN A SOCIAL NETWORK FEED

Page 3 of 6

Assignor:

Sheldon Chang (Signature):

> Name: Sheldon Chang City/State: Venice, CA

11/11/2018 Date:

Docket No: 4218.594US1 Assignment

Assignors: Sheldon Chang et al.
Title: RANKING NOTIFICATIONS IN A SOCIAL NETWORK FEED

Page 4 of 6

Assignor:

Yaming Lin (Signature):

> Name: Yaming Lin City/State: Palo Alto, CA

10/4/2018 Date:

Docket No: 4218.594US1 Assignment

Assignors: Sheldon Chang et al.
Title: RANKING NOTIFICATIONS IN A SOCIAL NETWORK FEED

Page 5 of 6

(Signature):

Assignor:

Andre Madeira

Name: Andre Madeira City/State: Saratoga, CA

10/18/2018 Date:

Assignment Docket No: 4218.594US1

Assignors: Sheldon Chang et al.
Title: RANKING NOTIFICATIONS IN A SOCIAL NETWORK FEED

Page 6 of 6

Assignor:

Jeremy Voss (Signature):

> Name: Jeremy Voss City/State: Los Angeles, CA

10/3/2018 Date:

> **PATENT** REEL: 064793 FRAME: 0548

RECORDED: 09/05/2023