## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7992123

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SHELDON CHANG	04/20/2015

#### **RECEIVING PARTY DATA**

Name:	SNAPCHAT, INC.
Street Address:	63 MARKET STREET
City:	VENICE
State/Country:	CALIFORNIA
Postal Code:	90291

### **PROPERTY NUMBERS Total: 2**

Property Type	Number
Application Number:	17653917
Application Number:	18329880

#### **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.

Correspondent Name: SCHWEGMAN LUNDBERG & WOESSNER

Address Line 1: P.O. BOX 2938

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	4218.032US4	
NAME OF SUBMITTER:	MICHELLE RED BEAR	
SIGNATURE:	/Michelle Red Bear/	
DATE SIGNED:	06/06/2023	

#### **Total Attachments: 4**

source=4218032US4SnapchatRecordationCS#page1.tif source=4218032US4SnapchatRecordationCS#page2.tif source=4218032US4SnapchatRecordationCS#page3.tif source=4218032US4SnapchatRecordationCS#page4.tif

PATENT 507944990 REEL: 063870 FRAME: 0043

# 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 rec	ord the attached docum	nents or the new address(es) below.	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):		
Sheldon Chang	Name:	Snapchat, Inc.	
Additional name(s) of conveying party(ies) attached?	Street	63 Market Street	
[ ]Yes [X]No	Address: City: State/Province:	Venice	
3. Nature of conveyance/Execution Date(s):			
Execution Date(s): April 20, 2015	Zip:	90291	
[X] Assignment [ ] Merger	Country:	United States of America	
[ ] Security Agreement [ ] Change of Name	•		
[ ] Joint Research Agreement	Additional name(s) & address(es) attached? $\square Yes \square No$		
[ ] Government Interest Assignment [ ] Executive Order 9424, Confirmatory License			
[ ] Other			
4. Application number(s) or patent number(s): [ ] This doc	ument serves as an O	ath/Declaration (37 CFR 1.63)	
A. Patent Application No.(s)	I	3. Patent No.(s)	
Serial No. 17/653,917, 18/329,880			
Additional numbers attached? [ ]Yes [X]No			
5 Name and address of newtons and account of the second of	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		zed to be charged to deposit account 19-	
Address:	0743 []Enclosed [] None required (government interest not		
Schwegman Lundberg & Woessner, P.A. P.O. Box 2938			
Minneapolis, Minnesota 55402	affecting t	title)	
Phone Number: (651) 305-2718 Docket Number: 4218.032US4	8. Payment Info	ormation	
Email Address: request@slwip.com	Deposit Account No.: 19-0743 Authorized User Name: Gall C. Gotfried		
	Aumonzea C	oser Name. Gan C. Gottned	
9. Signature:			
Gall C. Gotfried/Reg. No. 58,333	/	Jun 6, 2023	
Name of Person Signing	Signature	Date	
Total number of pages including	ng cover sheet, attach	ments, and documents: 4	

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 (hereinafter the "Undersigned") has made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention") which are described in a patent application filed on <u>April 20, 2015</u>, which application was assigned US patent application serial number <u>14/691,313</u>, and which is titled DETERMINING A MOOD FOR A GROUP.

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 Snapchat, Inc. (the "Assignee"), a corporation of the State of Delaware, having a place of business at 63 Market Street, Venice, CA 90291, 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. 21186 may (directly or through his/her designee) delete, insert, or after any information related to the above-identified patent application or applications or any of the foregoing, after execution of this Assignment;

PATENT REEL: 063870 FRAME: 0045 Assignment Docket No. 4218.032U81

Assignors: Sheldon Chang

Title: DETERMINING A MOOD FOR A GROUP

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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. To the extent that any such provision is found to be unenforceable, the Undersigned, when requested and without compensation shall act in good faith to substitute for such provision a new provision with content and purpose as close as possible to the provision deemed unenforceable.

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. 4218.032U81 Assignment

Assignors: Sheldon Chang
Title: DETERMINING A MOOD FOR A GROUP

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Assignor:

(Signature):

Name: Sheldon Chang City/State: Venice, CA

Apr 20, 2015 Date:

> **PATENT** REEL: 063870 FRAME: 0047

**RECORDED: 06/06/2023**