504700417 12/21/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4747139

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AARON DANIEL SON	03/25/2015

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15091857

CORRESPONDENCE DATA

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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.

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ATTORNEY DOCKET NUMBER:	4218.016US2	
NAME OF SUBMITTER:	MICHELLE RED BEAR	
SIGNATURE:	/Michelle Red Bear/	
DATE SIGNED:	12/21/2017	

Total Attachments: 4

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PATENT 504700417 REEL: 044464 FRAME: 0726

RECORDATION FORM COVER SHEET PATENTS ONLY

Patent and Trademark Office Atty Ref/Docket No.: 4218.016US2

To the Director of the U.S. Patent and Trademark Office: Plea		
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):	
Aaron Daniel Son	Name: Snapchat, Inc.	
Additional name(s) of conveying party(ies) attached?	Street Address: 63 Market Street	
[]Yes [X]No	City: <u>Venice</u> State: <u>CA</u> Zip: <u>90291</u> Country: <u>United States of America</u>	
3. Nature of conveyance:	Additional name(s) & address(es) attached? []Yes [X]No	
[X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other		
Execution Date: March 25, 2015		
4. Application number(s) or patent number(s):		
If this document is being filed together with a new application	, the execution date of the application is:	
A. Patent Application No.(s)	B. Patent No.(s)	
Serial No. 15/091,857, Filed April 6, 2016		
Additional numbers attached? []Yes [X]No		
5 N	6. Total number of applications and patents involved: $\underline{1}$	
5. Name and address of party to whom correspondence concerning document should be mailed:	7. Total fee (37 CFR 3.41):\$ <u>0.00</u>	
Name: Alex D. Starkovich	[[Enclosed	
Address:	Authorized to be charged to deposit account 19	
Schwegman Lundberg & Woessner, P.A.	0743	
P.O. Box 2938 Minneapolis, Minnesota 554020938	8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743	
DO NOT USE	THIS SPACE	
9. Statement and signature. To the best of my knowledge and belief, the foregoing information of the original document.	ation is true and correct and any attached copy is a true copy	
Alex D. Starkovich/Reg. No. 56,925 /Alex Starkovich/	December 20, 2017	
Name of Person Signing	Signature Date	
Tota	I number of pages including cover sheet: 4	

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks Mail Stop Assignment Recordation Services P.O. Box 1450 Alexandria, VA 22313-1450

PATENT REEL: 044464 FRAME: 0727

Attorney Docket No. 4218.016US1

ASSIGNMENT

WHEREAS, Aaron Son (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 March 25, 2015 , which application was assigned US patent application serial number 14/668,336, and which is titled MESSAGE QUEUES FOR RAPID RE-HOSTING OF CLIENT DEVICES.

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

PATENT REEL: 044464 FRAME: 0728 Assignors: Aaron Son

Title: MESSAGE QUEUES FOR RAPID RE-HOSTING OF CLIENT DEVICES

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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:

Assignment Docket No: 4218.016US1
Assignors: Aaron Son
Title: MESSAGE QUEUES FOR RAPID RE-HOSTING OF CLIENT DEVICES

Assignor:

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(Signature): / faron for

Name: <u>Aaron Son</u>
City/State: <u>Venice, CA</u>

Date: Mar 25, 2015

PATENT REEL: 044464 FRAME: 0730

RECORDED: 12/21/2017