PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT8148651

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JESSE CHAND	02/09/2017
KRISH JAYARAM	02/09/2017

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:	17248483

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:	4218.407US2
NAME OF SUBMITTER:	CHERYL BREYFOGLE
SIGNATURE:	/Cheryl Breyfogle/
DATE SIGNED:	09/05/2023

Total Attachments: 5

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RECORDATION FORM COVER SHEET PATENTS ONLY

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ord the attached docum	ents or the new address(es) below.	
2. Name and address of receiving party(ies):		
Name:	Snap Inc.	
Street Address:	3000 31st Street	
City:	Santa Monica	
<u>-</u>		
	90405	
Country:	United States of America	
	(s) & address(es) attached?	
	ath/Declaration (37 CFR 1.63) 3. Patent No.(s)	
 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41): \$0.00 		
[]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		
Signature g cover sheet, attach	Sep 2, 2023 Date ments, and documents: 5	
	2. Name and ad Name: Street Address: City: State/Province: Zip: Country: Additional name(□Yes □ N 6. Total number 7. Total fee (37 0 □Authoriz 0743 □Enclosed □ None re affecting t 8. Payment Info Deposit Acco Authorized U	

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, Jesse Chand and Krish Jayaram (hereinafter the "Undersigned") have 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>February 13, 2017</u>, which application was assigned US patent application serial number <u>15/431,325</u>, and which is titled GENERATING A RESPONSE THAT DEPICTS HAPTIC CHARACTERISTICS.

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 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. 144407 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;

Assignment Docket No: 4218.407US1

Assignors: Jesse Chand et al.

Title: GENERATING A RESPONSE THAT DEPICTS HAPTIC CHARACTERISTICS

Page 2 of 4

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: 4218.407US1

Assignors: Jesse Chand et al.

Title: GENERATING A RESPONSE THAT DEPICTS HAPTIC CHARACTERISTICS

Page 3 of 4

Assignor:

(Signature): / Jesse Chand

Name: <u>Jesse Chand</u> City/State: <u>Los Angeles, CA</u>

Date: 2/9/2017

Assignment Docket No: 4218.407US1

Assignors: Jesse Chand et al.

Title: GENERATING A RESPONSE THAT DEPICTS HAPTIC CHARACTERISTICS

Page 4 of 4

Assignor:

(Signature): / Erish Jayaram

Name: Krish Jayaram

City/State: Santa Monica, CA

Date: 2/9/2017

RECORDED: 09/05/2023