507081654 01/19/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7128490

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KYLE GOODRICH	12/11/2019
SAMUEL EDWARD HARE	12/11/2019
MAXIM MAXIMOV LAZAROV	12/11/2019
TONY MATHEW	12/11/2019
ANDREW JAMES MCPHEE	12/18/2019
DANIEL MORENO	12/11/2019
WENTAO SHANG	12/11/2019

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:	17528697

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:	4218.917US2
NAME OF SUBMITTER:	MICHELLE RED BEAR
SIGNATURE:	/Michelle Red Bear/
DATE SIGNED:	01/19/2022

PATENT REEL: 058695 FRAME: 0104

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Total Attachments: 10 source=4218917US2RecordationCs#page1.tif source=4218917US2RecordationCs#page2.tif source=4218917US2RecordationCs#page3.tif source=4218917US2RecordationCs#page4.tif source=4218917US2RecordationCs#page5.tif source=4218917US2RecordationCs#page6.tif source=4218917US2RecordationCs#page7.tif source=4218917US2RecordationCs#page8.tif source=4218917US2RecordationCs#page9.tif source=4218917US2RecordationCs#page9.tif

RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 4218.917US2 Patent and Trademark Office To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Name: Snap Inc. Kyle Goodrich, Samuel Edward Hare, Maxim Maximov Lazarov, Tony Mathew, Andrew James McPhee, Daniel Moreno, Wentao Shang Street Address: 3000 31st Street City: <u>Santa Monica</u> State: <u>CA</u> Country: <u>United States of America</u> Zip: 90405 Additional name(s) of conveying party(ies) attached? []Yes [X]No Additional name(s) & address(es) attached? []Yes [X]No 3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement[] Change of Name [] Other Execution Date: December 11, 2019, December 11, 2019, December 11, 2019, December 11, 2019, December 18, 2019, December 11, 2019, December 11, 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. 17/528,697 Additional numbers attached? []Yes [X]No 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 3.41):\$ 0.00 Name: Gall C. Gotfried []Enclosed Authorized to be charged to deposit account Address: 19-0743 Schwegman Lundberg & Woessner, P.A. P.O. Box 2938 8. Please charge any additional fees or credit any over Minneapolis, Minnesota 55402 payments to our Deposit Account No.: 19-0743 DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. November 22, 2021 Gall C. Gotfried/Reg. No. 58,333 Name of Person Signing Total number of pages including cover sheet: 10

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

ASSIGNMENT

WHEREAS, Kyle Goodrich, Samuel Edward Hare, Maxim Maximov Lazarov, Tony Mathew, Andrew James McPhee, Daniel Moreno and Wentao Shang (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 $\underline{\text{December } 19,2019}$, assigned US application serial number $\underline{16/721,459}$, and titled 3D CAPTIONS WITH SEMANTIC GRAPHICAL ELEMENTS.

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

Assignment

Assignors: Kyle Goodrich et al.

Title: 3D CAPTIONS WITH SEMANTIC GRAPHICAL ELEMENTS

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Docket No: 4218.917US1 Client Ref. No. P01293-US1

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:

Assignment
Assignors: Kyle Goodrich et al.

Title: 3D CAPTIONS WITH SEMANTIC GRAPHICAL ELEMENTS

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Assignor:

(Signature): / Wyle Goodsiih

Name: Kyle Goodrich

City/State or Country: Venice, CA

Date: 12/11/2019

PATENT REEL: 058695 FRAME: 0109

Docket No: 4218.917US1

Client Ref. No. P01293-US1

Assignment Docket No: 4218.917US1
Assignors: Kyle Goodrich et al. Client Ref. No. P01293-US1

Title: 3D CAPTIONS WITH SEMANTIC GRAPHICAL ELEMENTS

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Assignor:

(Signature): / Samuel Edward Hare

Name: Samuel Edward Hare

City/State or Country: Los Angeles, CA

Date: 12/11/2019

Assignment Docket No: 4218.917US1
Assignors: Kyle Goodrich et al. Client Ref. No. P01293-US1
Title: 3D CAPTIONS WITH SEMANTIC GRAPHICAL ELEMENTS
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Assignor:		
(Signature):	/ Maxim Maximou Lazarou	/
	Name: Maxim Maximov Lazarov City/State or Country: Culver City, CA	
Date: 12/1:	1/2019	

AssignmentDocket No: 4218.917US1Assignors: Kyle Goodrich et al.Client Ref. No. P01293-US1

Title: 3D CAPTIONS WITH SEMANTIC GRAPHICAL ELEMENTS

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Assignor:

(Signature): / Tony Mathew

Name: Tony Mathew

City/State or Country: Los Angeles, CA

Date:

12/11/2019

Docket No: 4218.917US1 Assignment Assignors: Kyle Goodrich et al.
Title: 3D CAPTIONS WITH SEMANTIC GRAPHICAL ELEMENTS Client Ref. No. P01293-US1

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Assignor:

(Signature):

Name: Andrew James McPhee

City/State or Country: Culver City, CA

Date:

12/18/2019

Assignment Docket No: 4218.917US1
Assignors: Kyle Goodrich et al. Client Ref. No. P01293-US1

Title: 3D CAPTIONS WITH SEMANTIC GRAPHICAL ELEMENTS

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(Signature):

Assignor:

Daniel Moreno

Name: Daniel Moreno

City/State or Country: Los Angeles, CA

Date: 12/11/2019

AssignmentDocket No: 4218,917US1Assignors: Kyle Goodrich et al.Client Ref. No. P01293-US1

Title: 3D CAPTIONS WITH SEMANTIC GRAPHICAL ELEMENTS

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Assignor:

(Signature): / Wentao Shang

Name: Wentao Shang

City/State or Country: Los Angeles, CA

Date: 12/11/2019

RECORDED: 01/19/2022