PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALLAN BARIL	03/27/2020
CHIRAG GADA	03/27/2020
YANG GAO	03/30/2020
BRADLEY KOTSOPOULOS	03/27/2020

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:	17831075

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.

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Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	4218.891US2
NAME OF SUBMITTER:	MEGAN L. REED
SIGNATURE:	/Megan L. Reed/
DATE SIGNED:	03/07/2023

Total Attachments: 6

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PATENT 507784603 REEL: 062905 FRAME: 0507

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ASSIGNMENT

WHEREAS, Allan Baril, Chirag Gada, Yang Gao and Bradley Kotsopoulos (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 January 30, 2020, assigned US application serial number 16/777,793, and titled VIDEO GENERATION SYSTEM TO RENDER FRAMES ON DEMAND.

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: Allan Baril et al.

Title: VIDEO GENERATION SYSTEM TO RENDER FRAMES ON DEMAND

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Docket No: 4218.891US1

Client Ref. No. P01259-USP

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: 4218.891US1 Assignment Assignors: Allan Baril et al.
Title: VIDEO GENERATION SYSTEM TO RENDER FRAMES ON DEMAND Client Ref. No. P01259-USP

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Assignor: (Signature): Allan Baril Name: Allan Baril City/State or Country: **Toronto, Canada**

Date: Mar 27, 2020

Docket No: 4218.891US1 Assignment Assignors: Allan Baril et al.
Title: VIDEO GENERATION SYSTEM TO RENDER FRAMES ON DEMAND Client Ref. No. P01259-USP

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Assignor:

(Signature): Chirag Gada

Name: Chirag Gada

City/State or Country: **Toronto, Canada**

Date: Mar 27, 2020

Assignment Assignors: Allan Baril et al.
Title: VIDEO GENERATION SYSTEM TO RENDER FRAMES ON DEMAND

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Assignor: (Signature):

Name: Yang Gao

City/State or Country: **Toronto, ON**

Date: Mar 30, 2020

> **PATENT** REEL: 062905 FRAME: 0513

Docket No: 4218.891US1

Client Ref. No. P01259-USP

Docket No: 4218.891US1 Assignment Assignors: Allan Baril et al.
Title: VIDEO GENERATION SYSTEM TO RENDER FRAMES ON DEMAND Client Ref. No. P01259-USP

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Assignor:

Brad Kotsopoulos (Signature):

Name: **Bradley Kotsopoulos**

City/State or Country: Pickering, Canada

Date: Mar 27, 2020

> **PATENT** REEL: 062905 FRAME: 0514

RECORDED: 03/07/2023