

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7080211

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NEWAR HUSAM AL MAJID	03/21/2018
WISAM DAKKA	02/26/2018
DONALD GIOVANNINI	04/30/2018
ANDRE MADEIRA	07/19/2018
ANDREI DAMIAN	04/29/2020
SEYED REZA MIR GHADERI	05/22/2020
YAMING LIN	04/10/2020
RANVEER KUNAL	04/11/2020
CONGXING CAI	04/10/2020
ROBSON ARAUJO	12/03/2021
GUILHERME FERNANDES	04/09/2020
JUNGHO AHN	04/09/2020

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:	15900187

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: PO BOX 2938

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	4218.434US1
NAME OF SUBMITTER:	KRISTEN DAME
SIGNATURE:	/Kristen Dame/
DATE SIGNED:	12/17/2021

Total Attachments: 19

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RECORDATION FORM COVER SHEET
PATENTS ONLY

Atty Ref/Docket No.: 4218.434US1

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Newar Husam Al Majid, Wisam Dakka, Donald
Giovannini, Andre Madeira, Andrei Damian, Seyed
Reza Mir Ghaderi, Yaming Lin, Ranveer Kunal,
Congxing Cai, Robson Araujo, Guilherme Fernandes,
Jungho Ahn

Additional name(s) of conveying party(ies) attached?

Yes No

2. Name and address of receiving party(ies):

Name: Snap Inc.

Street Address: 3000 31st Street

City: Santa Monica State: CA Zip: 90405

Country: United States of America

Additional name(s) & address(es) attached? Yes
 No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: March 21, 2018, February 26, 2018,
April 30, 2018, July 19, 2018, April 29, 2020, May 22,
2020, April 10, 2020, April 11, 2020, April 10, 2020,
December 3, 2020, April 9, 2020, April 9, 2020

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)

Serial No. 15/900,187

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence
concerning document should be mailed:

Name: Anup A. Suresh

Address:

Schwegman Lundberg & Woessner, P.A.
P.O. Box 2938
Minneapolis, Minnesota 55402

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 0.00

Enclosed

Authorized to be charged to deposit account
19-0743

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 is true and correct and any attached copy is a true copy
of the original document.

Anup A. Suresh/Reg. No. 65,338

Name of Person Signing

/Anup Suresh/

Signature

12-17-2021

Date

Total number of pages including cover sheet: 19

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: 058417 FRAME: 0074

ASSIGNMENT

WHEREAS, Newar Husam Al Majid, Wisam Dakka, Donald Giovannini and Andre Madeira (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 February 20, 2018, assigned US application serial number 15/900,187, and titled SEARCHING SOCIAL MEDIA CONTENT as described in a provisional patent application filed on February 17, 2017 assigned United States application serial number 62/460,549, and titled SEARCHING SOCIAL MEDIA CONTENT; and as described in a provisional patent application filed on February 17, 2017 assigned United States application serial number 62/460,583, and titled RANKING AND SEARCHING SOCIAL MEDIA CONTENT.

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;

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: 4218.434US1

Assignors: Newar Husam Al Majid et al.
Title: SEARCHING SOCIAL MEDIA CONTENT
Page 3 of 6

Assignor:

(Signature):

/



/

Name: Newar Husam Al Majid

City/State: Los Angeles, CA

Date:

3/21/2018

Assignment

Docket No: 4218.434US1

Assignors: Newar Husam Al Majid et al.

Title: SEARCHING SOCIAL MEDIA CONTENT

Page 4 of 6

Assignor:

(Signature): / Wisam Dakka /

Name: Wisam Dakka

City/State: San Francisco, CA

Date: 2/26/2018

Assignment

Docket No: 4218.434US1

Assignors: Newar Husam Al Majid et al.

Title: SEARCHING SOCIAL MEDIA CONTENT

Page 5 of 6

Assignor:

(Signature): / *Donald Giovannini* /

Name: Donald Giovannini

City/State: Venice, CA

Date: 4/30/2018

Assignment

Docket No: 4218.434US1

Assignors: Newar Husam Al Majid et al.

Title: SEARCHING SOCIAL MEDIA CONTENT

Page 6 of 6

Assignor:

(Signature): / Andre Madeira /

Name: Andre Madeira

City/State: Saratoga, CA

Date: 7/19/2018

ASSIGNMENT

WHEREAS, Andrei Damian, Seyed Reza Mir Ghaderi, Yaming Lin, Ranveer Kunal, Congxing Cai, Robson Araujo, Guilherme Fernandes and Jungho Ahn (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 February 20, 2018, assigned US application serial number 15/900,187, and titled SEARCHING SOCIAL MEDIA CONTENT as described in a provisional patent application filed on February 17, 2017 assigned United States application serial number 62/460,549, and titled SEARCHING SOCIAL MEDIA CONTENT; and as described in a provisional patent application filed on February 17, 2017 assigned United States application serial number 62/460,583, and titled RANKING AND SEARCHING SOCIAL MEDIA CONTENT.

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;

Assignment

Assignors: Newar Husam Al Majid et al.

Title: SEARCHING SOCIAL MEDIA CONTENT

Page 2 of 10

Docket No: 4218.434US1

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;

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

Docket No: 4218.434US1

Assignors: Newar Husam Al Majid et al.

Title: SEARCHING SOCIAL MEDIA CONTENT

Page 3 of 10

Assignor:

(Signature): / *Andrei Damian* /

Name: Andrei Damian

City/State: San Francisco, CA

Date: Apr 29, 2020

Assignment

Docket No: 4218.434US1

Assignors: Newar Husam Al Majid et al.

Title: SEARCHING SOCIAL MEDIA CONTENT

Page 4 of 10

Assignor:

(Signature): / *Reza Mirghaderi* /

Name: Seyed Reza Mir Ghaderi

City/State: San Francisco, CA

Date: May 22, 2020

Assignment

Docket No: 4218.434US1

Assignors: Newar Husam Al Majid et al.

Title: SEARCHING SOCIAL MEDIA CONTENT

Page 5 of 10

Assignor:

(Signature): / *Yaming Lin* /

Name: Yaming Lin

City/State: Palo Alto, CA

Date: Apr 10, 2020

Assignment

Docket No: 4218.434US1

Assignors: Newar Husam Al Majid et al.

Title: SEARCHING SOCIAL MEDIA CONTENT

Page 6 of 10

Assignor:

(Signature): / *Ranveer Kunal* /

Name: Ranveer Kunal

City/State: San Francisco, CA

Date: Apr 11, 2020

Assignment

Docket No: 4218.434US1

Assignors: Newar Husam Al Majid et al.

Title: SEARCHING SOCIAL MEDIA CONTENT

Page 7 of 10

Assignor:

(Signature): / *Congxing Cai* /

Name: Congxing Cai

City/State: Mountain View, CA

Date:

Apr 10, 2020

Assignment

Docket No: 4218.434US1

Assignors: Newar Husam Al Majid et al.

Title: SEARCHING SOCIAL MEDIA CONTENT

Page 9 of 10

Assignor:

(Signature):

/  /

Name: Guilherme Fernandes

City/State: Mountain View, CA

Date: Apr 9, 2020

Assignment

Docket No: 4218.434US1

Assignors: Newar Husam Al Majid et al.

Title: SEARCHING SOCIAL MEDIA CONTENT

Page 10 of 10

Assignor:

(Signature): / *Jungho Ahn* /

Name: Jungho Ahn

City/State: Palo Alto, CA

Date: Apr 9, 2020

ASSIGNMENT

WHEREAS, Robson Araujo (hereinafter the "Undersigned") has made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention"); as described in the patent application filed on February 20, 2018, assigned US application serial number 15/900,187, and titled SEARCHING SOCIAL MEDIA CONTENT as described in a provisional patent application filed on February 17, 2017 assigned United States application serial number 62/460,549, and titled SEARCHING SOCIAL MEDIA CONTENT; and as described in a provisional patent application filed on February 17, 2017 assigned United States application serial number 62/460,583, and titled RANKING AND SEARCHING SOCIAL MEDIA CONTENT.

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 3000 31st Street, 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

Assignment

Assignors: Newar Husam Al Majid et al.

Title: SEARCHING SOCIAL MEDIA CONTENT

Page 2 of 3

Docket No: 4218.434US1
Client Ref. No. P00434-US1

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

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: Newar Husam Al Majid et al.
Title: SEARCHING SOCIAL MEDIA CONTENT
Page 3 of 3

Docket No: 4218.434US1
Client Ref. No. P00434-US1

Assignor:

(Signature): / *Robson Araujo* /

Name: Robson Araujo

City/State or Country: Mountain View, CA

Date: Dec 3, 2021