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| PATENT ASSIGNMENT COVER SHEET |
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EPAS ID: PAT7639666

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| MICHAEL CIESLAK | 05/28/2019 |
| JIAYAO YU | 05/23/2019 |
| KAI CHEN | 05/23/2019 |
| FARNAZ AZMOODEH | 05/23/2019 |
| MICHAEL DAVID MARR | 05/23/2019 |
| JUN HUANG | 05/23/2019 |
| ZAHRA FERDOWSI | 05/23/2019 |
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| Street Address: | 3000 31ST STREET |
| City: | SANTA MONICA |
| State/Country: | CALIFORNIA |
| Postal Code: | 90405 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 16425423 |
| CORRESPONDENCE DATA | |
| Fax Number: | |
| <i>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.</i> | |
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| ATTORNEY DOCKET NUMBER: | ANON-173US2 |
| NAME OF SUBMITTER: | STEPHEN J. WEED |
| SIGNATURE: | /Stephen J. Weed/ |
| DATE SIGNED: | 11/10/2022 |

Total Attachments: 2

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source=ANON-173US2_Assignment#page2.tif

ASSIGNMENT - Patent ApplicationDocket Number: ANON-173US2

Whereas, the Assignor, comprising the following named inventors:

| | | |
|-----------------------------|-----------------------|--------------------|
| ASSIGNOR(s)/ INVENTOR(s) | 1. Michael Cieslak | 2. Jiayao Yu |
| | 3. Kai Chen | 4. Farnaz Azmoodeh |
| | 5. Michael David Marr | 6. Jun Huang |
| | 7. Zahra Ferdowsi | 8. |

made an invention entitled: **FRIEND CAPABILITY CACHING**

for which an application for Letters Patent of the United States (the Application):

(Select one of the following):

- is submitted concurrently herewith
 was filed in the U.S. Patent and Trademark Office on May 29, 2019
as U.S. Patent Application Serial No.: 16/425,423

ASSIGNEE
(Full Name and Address)
Snap Inc.
3000 31st Street
Santa Monica, CA 90405

is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor,

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including the Application, all divisions, continuations, and continuations-in-part thereof and non-provisional applications claiming priority thereto, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto and authorizes Assignee to file such applications for Letters Patent in the United States and any and all other countries.

Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.

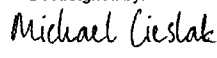


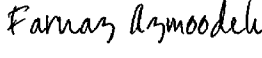

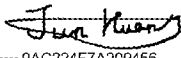
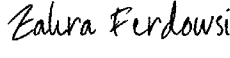
If the invention requires a biological deposit, Assignor also grants to Assignee such control over any deposit made by Assignor as may be necessary to the validity of the patent rights assigned herein.

Assignor authorizes Assignee's attorney to insert the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney Docket or file designation for this application if not identified.

If the Assignor includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

In witness whereof, this Assignment is executed on the day indicated below.

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|--|----------------------------|
| ASSIGNMENT - Patent Application | Docket Number: ANON-173US2 |
|--|----------------------------|

| Typed or Printed Name | Signature | Date |
|-----------------------|--|-----------|
| 1. Michael Cieslak | DocuSigned by:  D8D6DF5690CE42E... | 5/28/2019 |
| | *Witness to Assignor #1 | |
| 2. Jiayao Yu | DocuSigned by:  8656633CC6F2461... | 5/23/2019 |
| | *Witness to Assignor #2 | |
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SIGNATURE

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|---|---|
| Application for United States Letters Patent: | |
| Serial No.: 16/425,423 | |
| Filed: May 29, 2019 | |
| Attorney Docket Number: <u>ANON-173US2</u> | |
| Total Number of Assignment Pages 2 | * Witness signature recommended, mandatory for some countries |