506549066 03/11/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6595844

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
QIMING JIANG	02/18/2021
ORESTIS KOSTAKIS	02/18/2021
ABDUL MUNIR	02/18/2021
PRAYAG CHANDRAN NIRMALA	02/19/2021
JEFFREY ROSEN	02/19/2021

RECEIVING PARTY DATA

Name:	SNOWFLAKE INC.	
Street Address:	450 CONCAR DR	
City:	SAN MATEO	
State/Country:	CALIFORNIA	
Postal Code:	94402	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17173717

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:	5397.083US1
NAME OF SUBMITTER:	JESSE CANTRELL
SIGNATURE:	/ Jesse Cantrell /
DATE SIGNED:	03/11/2021

Total Attachments: 8

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RECORDATION FORM COVER SHEET PATENTS ONLY

Patent and Trademark Office Atty Ref/Docket No.: 5397.083US1 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: Snowflake Inc. Qiming Jiang, Orestis Kostakis, Abdul Munir, Prayag Chandran Nirmala, Jeffrev Rosen Street Address: 450 Concar Dr City: San Mateo State: CA Zir Country: United States of America Additional name(s) of conveying party(ies) attached? Zip: <u>94402</u> []Yes [X]No Additional name(s) & address(es) attached? []Yes 3. Nature of conveyance: [X]No [X] Assignment [] Merger [] Security Agreement[] Change of Name [] Other Execution Date: February 18, 2021, February 18, 2021, February 18, 2021, February 19, 2021, February 19, 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. 17/173,717 Additional numbers attached? []Yes [X]No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence 7. Total fee (37 CFR 3.41):\$ 0.00 concerning document should be mailed: Name: Triet M. Nguyen [[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. /Triet M. Nguyen/ March 11, 2021 Triet M. Nguyen/Reg. No. 64,790 Name of Person Signing Signature Total number of pages including cover sheet: 8 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

Attorney Docket No. 5397.083US1 Client Ref. No. SFO-0103US1

ASSIGNMENT

WHEREAS, Qiming Jiang, Orestis Kostakis, Abdul Munir, Prayag Chandran Nirmala and Jeffrey Rosen (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 11, 2021, assigned US application serial number 17/173,717, and titled ADAPTIVE FREEPOOL SIZE PREDICTION and as described in a provisional patent application filed on January 29, 2021 assigned United States application serial number 63/143,668, and titled ADAPTIVE FREEPOOL SIZE PREDICTION.

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 Snowflake Inc. (the "Assignee"), a corporation of the State of Delaware, having a place of business at 450 Concar Dr, San Mateo, CA 94402, 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. 164795 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;

Assignors: Qiming Jiang et al.

Title: ADAPTIVE FREEPOOL SIZE PREDICTION

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Docket No: 5397.083US1 Client Ref. No. SFO-0103US1

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:

Assignors: Qiming Jiang et al.

Title: ADAPTIVE FREEPOOL SIZE PREDICTION

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Client Ref. No. SFO-0103US1

Docket No: 5397.083US1

Assignor:

---- DocuSigned by:

(Signature):

aming Jiang

Name: Qiming Jiang

City/State or Country: Redmond, WA February 18, 2021 | 6:45 PM PST

Date:

Assignors: Qiming Jiang et al.

Title: ADAPTIVE FREEPOOL SIZE PREDICTION

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Client Ref. No. SFO-0103US1

Docket No: 5397.083US1

Assignor:

DocuSigned by:

(Signature):

Orestis trostatis

Name: Orestis Kostakis

City/State or Country: Redmond, WA

February 18, 2021 | 6:00 PM PST

Date:

Assignment Assignors: Qiming Jiang et al.

Title: ADAPTIVE FREEPOOL SIZE PREDICTION

Page 5 of 7

Assignor:

DocuSigned by:

(Signature): [Abdul Munir 30542BEAE651449...

Name: Abdul Munir

City/State or Country: San Mateo, CA

February 18, 2021 | 6:11 PM PST

Date:

PATENT REEL: 055563 FRAME: 0457

Docket No: 5397.083US1

Client Ref. No. SFO-0103US1

Assignors: Qiming Jiang et al.

Title: ADAPTIVE FREEPOOL SIZE PREDICTION

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Docket No: 5397.083US1 Client Ref. No. SFO-0103US1

Assignor:

--- DocuSigned by:

(Signature):

Prayag Chandran Mrmala

---2C1625AF37A8476...

Name: Prayag Chandran Nirmala

City/State or Country: Seattle, WA

February 19, 2021 | 9:38 AM PST

Date:

DocuSign Envelope ID: D4777BC8-7087-4FF6-BDD8-7629E8483AFF

Assignment

Assignors: Qiming Jiang et al.

Title: ADAPTIVE FREEPOOL SIZE PREDICTION

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Docket No: 5397.083US1 Client Ref. No. SFO-0103US1

Assignor:

(Signature):

Docusigned by:

Jeffrey Rosen

2D1D7E19AB5F4E6...

Name: Jeffrey Rosen

City/State or Country: San Mateo, CA
February 19, 2021 | 5:36 AM PST

Date:

PATENT REEL: 055563 FRAME: 0459

RECORDED: 03/11/2021