### 508019646 07/19/2023

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT8066797

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
KHALID ZAMAN BIJON	10/12/2022
THIERRY CRUANES	10/14/2022
SIMON HOLM JENSEN	10/11/2022
ALLISON WAINGOLD LEE	10/14/2022
DANIEL N. MEREDITH	10/10/2022
SUBRAMANIAN MURALIDHAR	10/10/2022
DAVID SCHULTZ	10/11/2022
ZIXI ZHANG	10/10/2022

### **RECEIVING PARTY DATA**

Name:	SNOWFLAKE INC.	
Street Address:	SUITE 3A, 106 EAST BABCOCK STREET	
City:	BOZEMAN	
State/Country:	MONTANA	
Postal Code:	59715	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	18104271

### **CORRESPONDENCE DATA**

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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.

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Correspondent Name: SCHWEGMAN LUNDBERG & WOESSNER, P.A.

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Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	5397.183US2
NAME OF SUBMITTER:	ERIKA WATKINS
SIGNATURE:	/ Erika Watkins /
DATE SIGNED:	07/19/2023

PATENT REEL: 064317 FRAME: 0226

508019646

# Total Attachments: 11 source=5397183US2\_ASSN#page1.tif source=5397183US2\_ASSN#page2.tif source=5397183US2\_ASSN#page3.tif source=5397183US2\_ASSN#page4.tif source=5397183US2\_ASSN#page5.tif source=5397183US2\_ASSN#page6.tif source=5397183US2\_ASSN#page7.tif source=5397183US2\_ASSN#page8.tif source=5397183US2\_ASSN#page9.tif source=5397183US2\_ASSN#page9.tif source=5397183US2\_ASSN#page10.tif source=5397183US2\_ASSN#page11.tif

# RECORDATION FORM COVER SHEET PATENTS ONLY

Patent and Trademark Office Atty Ref/Docket No.: 5397.183US2 To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. Name and address of receiving party(ies): Name of conveying party(ies): Name: Snowflake Inc. Khalid Zaman Bijon, Thierry Cruanes, Simon Holm Jensen, Allison Waingold Lee, Damel N. Meredith, Street Address: Suite 3A, 106 East Babcock Street Subramanian Muralidhar, David Schultz, Zixi Zhang City: Bozeman State: MT Zip: <u>59715</u> Additional name(s) of conveying party(ies) attached? Country: United States of America [ ]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: October 12, 2022, October 14, 2022, October 11, 2022, October 14, 2022, October 10, 2022 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. 18/104,271 B. Patent No.(s) 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: Alexís A. Liistro []Enclosed []Authorized to be charged to deposit account Address: 19-0743 Schwegman Lundberg & Woessner, P.A. P.O. Box 2938 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. Jul 11, 2023 Alexis A. Liistro/Reg. No. 68,948 Name of Person Signing Total number of pages including cover sheet: 11 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. 5397.183US1 Client Ref. No. SFO-0210US1

### **ASSIGNMENT**

WHEREAS, Khalid Zaman Bijon, Thierry Cruanes, Simon Holm Jensen, Allison Waingold Lee, Daniel N. Meredith, Subramanian Muralidhar, David Schultz and Zixi Zhang (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 September 23, 2022, assigned US application serial number 17/934,814, and titled PROJECTION CONSTRAINTS IN A QUERY PROCESSING SYSTEM and as described in a provisional patent application filed on June 13, 2022 assigned United States application serial number 63/366,281, and titled PROJECTION CONSTRAINTS IN A QUERY PROCESSING SYSTEM.

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 addresses listed at https://www.snowflake.com/legal/snowflake-contracting-entities, including: Suite 3A, 106 East Babcock Street, Bozeman, Montana 59715, 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

Title: PROJECTION CONSTRAINTS IN A QUERY PROCESSING SYSTEM

Page 2 of 10

Docket No: 5397.183US1 Client Ref. No. SFO-0210US1

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:

Title: PROJECTION CONSTRAINTS IN A QUERY PROCESSING SYSTEM

Page 3 of 10

Docket No: 5397.183US1 Client Ref. No. SFO-0210US1

Assignor:

DocuSigned by:

khalid Zaman Byon (Signature):

Name: Khalid Zaman Bijon

City/State or Country: Santa Cruz, CA

October 12, 2022 | 1:27 PM PDT

Date:

Title: PROJECTION CONSTRAINTS IN A QUERY PROCESSING SYSTEM

Page 4 of 10

Docket No: 5397.183US1 Client Ref. No. SFO-0210US1

Assignor:

~DocuSigned by:

(Signature):

Thirry Cruanes

Name: Thierry Cruanes

City/State or Country: <u>San Mateo, California</u> October 14, 2022 | 8:04 PM PDT

Date:

Title: PROJECTION CONSTRAINTS IN A QUERY PROCESSING SYSTEM

Page 5 of 10

Docket No: 5397.183US1 Client Ref. No. SFO-0210US1

Assignor:

DocuSigned by:

(Signature):

Name: Simon Holm Jensen

City/State or Country: Menlo Park, CA

October 11, 2022 | 12:48 AM PDT

Date:

Title: PROJECTION CONSTRAINTS IN A QUERY PROCESSING SYSTEM

Page 6 of 10

Docket No: 5397.183US1 Client Ref. No. SFO-0210US1

Assignor:

(Signature):

DocuSigned by:

allison W Lee

Name: Allison Waingold Lee

City/State or Country: Pebble Beach, CA

October 14, 2022 | 12:35 PM PDT

Date:

Title: PROJECTION CONSTRAINTS IN A QUERY PROCESSING SYSTEM

Page 7 of 10

Docket No: 5397.183US1 Client Ref. No. SFO-0210US1

Assignor:

--- DocuSigned by:

(Signature):

Daniel N. Heredith

Name: **Daniel N. Meredith** 

City/State or Country: Laguna Beach, CA

October 10, 2022 | 5:53 PM PDT

Date:

Assignment

Assignors: Khalid Zaman Bijon et al.

Title: PROJECTION CONSTRAINTS IN A QUERY PROCESSING SYSTEM

Page 8 of 10

Docket No: 5397.183US1 Client Ref. No. SFO-0210US1

Assignor:

--DocuSigned by:

(Signature):

Subramanian Muralidhar

95/B9002CF3/410...

Name: Subramanian Muralidhar

City/State or Country: Mercer Island, WA

October 10, 2022 | 8:40 PM PDT

Date:

Title: PROJECTION CONSTRAINTS IN A QUERY PROCESSING SYSTEM

Page 9 of 10

Docket No: 5397.183US1 Client Ref. No. SFO-0210US1

Assignor:

SSIGNOr: DocuSigned by:

(Signature): Pavid Schulty

Name: **David Schultz** 

City/State or Country: Piedmont, CA

October 11, 2022 | 12:55 AM PDT

Date:

Title: PROJECTION CONSTRAINTS IN A QUERY PROCESSING SYSTEM

Page 10 of 10

Docket No: 5397.183US1 Client Ref. No. SFO-0210US1

Assignor:

(Signature):

Name: Zixi Zhang

DocuSigned by:

City/State or Country: San Mateo, CA

October 10, 2022 | 9:51 PM PDT

Date:

PATENT REEL: 064317 FRAME: 0238

**RECORDED: 07/19/2023**