

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7768433

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MAX HEIMEL	12/13/2022
ISMAIL OUKID	12/14/2022
LINNEA PASSING	12/14/2022
STEFAN RICHTER	12/15/2022
JULIANE K. WAACK	12/14/2022
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:	18057563
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>	
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:	5397.223US1
NAME OF SUBMITTER:	CHERYL BREYFOGLE
SIGNATURE:	/Cheryl Breyfogle/
DATE SIGNED:	01/30/2023
Total Attachments: 8	
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PATENT

REEL: 062532 FRAME: 0553

RECORDATION FORM COVER SHEET
PATENTS ONLY

Form PTO-1595 (Rev. 6-18)
OMB No. 0651-0027 (exp. 10/31/2024)

U.S. Department of Commerce
United States Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Max Heimel, Ismail Oukid, Linnea Passing, Stefan
Richter, Juliane K. Waack

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

☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): December 13, 2022, December 14,
2022, December 14, 2022, December 15, 2022,
December 14, 2022

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

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

Name: Snowflake Inc.
Street Suite 3A, 106 East Babcock Street
Address: _____
City: Bozeman
State/Province: MT
Zip: 59715
Country: United States of America

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

4. Application number(s) or patent number(s): ☐ This document serves as an Oath/Declaration (37 CFR 1.63)

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. 18/057,563

Additional numbers attached? ☐ Yes ☒ No

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

Name: Garrett M. Hall

Address:

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

Phone Number: (408) 660-2978

Docket Number: 5397.223US1

Email Address: request@slwip.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41): \$0.00

☐ Authorized to be charged to deposit account 19-
0743

☐ Enclosed

☐ None required (government interest not
affecting title)

8. Payment Information

Deposit Account No.: 19-0743

Authorized User Name: Garrett M. Hall

9. Signature:

/ Garrett Hall

/

Jan 17, 2023

Garrett M. Hall/Reg. No. 67,888

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents: 8

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

PATENT
REEL: 062532 FRAME: 0554

Attorney Docket No. 5397.223US1
Client Ref. No. SFO-0254US1

ASSIGNMENT

WHEREAS, Max Heimel, Ismail Oukid, Linnea Passing, Stefan Richter and Juliane K. Waack (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 November 21, 2022, assigned US application serial number 18/057,563, and titled PRUNING DATA BASED ON STATE OF TOP K OPERATOR.

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

Assignment

Assignors: Max HeimeL et al.

Title: PRUNING DATA BASED ON STATE OF TOP K OPERATOR

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Docket No: 5397.223US1

Client Ref. No. SFO-0254US1

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: Max Heimel et al.

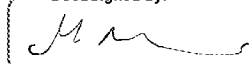
Title: PRUNING DATA BASED ON STATE OF TOP K OPERATOR

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Docket No: 5397.223US1
Client Ref. No. SFO-0254US1

Assignor:

(Signature):

DocuSigned by:

ECCF2D1816C1471...

Name: Max Heimel

City/State or Country: Berlin, Germany

December 13, 2022 | 11:18 PM PST

Date:

Assignment

Assignors: Max HeimeI et al.

Title: PRUNING DATA BASED ON STATE OF TOP K OPERATOR

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Docket No: 5397.223US1
Client Ref. No. SFO-0254US1

Assignor:

(Signature):

DocuSigned by:
Ismail Oukid
612E79675F42402...

Name: Ismail Oukid

City/State or Country: Berlin, Germany

December 14, 2022 | 12:40 AM PST

Date:

Assignment

Assignors: Max Heime1 et al.

Title: PRUNING DATA BASED ON STATE OF TOP K OPERATOR

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Docket No: 5397.223US1
Client Ref. No. SFO-0254US1

Assignor:

(Signature):

DocuSigned by:
Linnea Passing
E72680F0286F4A6...

Name: Linnea Passing

City/State or Country: Berlin, Germany

December 14, 2022 | 12:55 AM PST

Date:

Assignment

Assignors: Max Heime1 et al.

Title: PRUNING DATA BASED ON STATE OF TOP K OPERATOR

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Docket No: 5397.223US1
Client Ref. No. SFO-0254US1

Assignor:

(Signature):

DocuSigned by:
Stefan Richter
5059A207FC61485...

Name: Stefan Richter

City/State or Country: Berlin, Germany

Date:

December 15, 2022 | 4:57 AM PST

Assignment

Assignors: Max HeimeI et al.

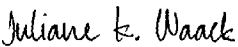
Title: PRUNING DATA BASED ON STATE OF TOP K OPERATOR

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Docket No: 5397.223US1
Client Ref. No. SFO-0254US1

Assignor:

(Signature):

DocuSigned by:

59A73AD6C6464ED

Name: Juliane K. Waack

City/State or Country: Berlin, Germany

December 14, 2022 | 12:39 AM PST

Date:
