

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7983597

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the ASSIGNEE NAME TO SNOWFLAKE INC. previously recorded on Reel 062215 Frame 0215. Assignor(s) hereby confirms the ASSIGNMENT.

**CONVEYING PARTY DATA**

Name	Execution Date
MAHMUD ALLAHVERDIYEV	08/10/2022
SELCUK AYA	08/10/2022
BOWEI CHEN	08/15/2022
ISMAIL OUKID	08/11/2022

**RECEIVING PARTY DATA**

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

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	18146912

**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

<b>ATTORNEY DOCKET NUMBER:</b>	5397.181US2
<b>NAME OF SUBMITTER:</b>	MELISSA ALEXANDER
<b>SIGNATURE:</b>	/melissa alexander/
<b>DATE SIGNED:</b>	06/01/2023

**Total Attachments: 8**

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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):

Mahmud Allahverdiyev, Selcuk Aya, Bowei Chen,  
Ismail Oukid

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

Yes  No

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

Execution Date(s): August 10, 2022, August 10, 2022,  
August 15, 2022, August 11, 2022

- Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other Corrective Assignment to correct the assignee  
name to Snowflake Inc. that was previously recorded  
incorrectly at 062215/0215.

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. 18/146,912

Additional numbers attached?  Yes  No

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

Name: Garrett M. Hall

Address:

Swegman Lundberg & Woessner, P.A.

P.O. Box 2938

Minneapolis, Minnesota 55402

Phone Number: (408) 660-2978

Docket Number: 5397.181US2

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

/

May 31, 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 22312-1450

**PATENT**

**REEL: 063821 FRAME: 0910**

507667408 12/27/2022

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT7714547

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MAHMUD ALLAHVERDIYEV	08/10/2022
SELCUK AYA	08/10/2022
BOWEI CHEN	08/15/2022
ISMAIL OUKID	08/11/2022
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SNOWFLAKE INC.
<b>Street Address:</b>	SUITE 3A, 106 EAST BABCOCK STREET
<b>City:</b>	BOZEMAN
<b>State/Country:</b>	MONTANA
<b>Postal Code:</b>	59715
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	18146912
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(612)339-3061
<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>	
<b>Phone:</b>	612-373-6900
<b>Email:</b>	request@slwip.com
<b>Correspondent Name:</b>	SCHWEGMAN, LUNDBERG & WOESSNER, P.A.
<b>Address Line 1:</b>	P.O. BOX 2938
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55402
<b>ATTORNEY DOCKET NUMBER:</b>	5397.181US2
<b>NAME OF SUBMITTER:</b>	JENNIFER KERBER
<b>SIGNATURE:</b>	/Jennifer Kerber/
<b>DATE SIGNED:</b>	12/27/2022
<b>Total Attachments: 6</b>	
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### ASSIGNMENT

WHEREAS, Mahmud Allahverdiyev, Selcuk Aya, Bowei Chen and Ismail Oukid (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 July 21, 2022, assigned US application serial number 17/814,110, and titled LAZY REASSEMBLING OF SEMI-STRUCTURED DATA.

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 Suite 3A, 106 East Babcock Street, Bozeman, MT 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: Mahmud Allahverdiyev et al.

Title: LAZY REASSEMBLING OF SEMI-STRUCTURED DATA

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Docket No: 5397.181US1

Client Ref. No. SFO-0207X1

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: Mahmud Allahverdiyev et al.  
Title: LAZY REASSEMBLING OF SEMI-STRUCTURED DATA  
Page 3 of 6

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Docket No: 5397.181US1  
Client Ref. No. SFO-0207X1

**Assignor:**

(Signature):

DocuSigned by:  
*Mahmud Allahverdiyev*  
AA23F56CD05645E...

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Name: Mahmud Allahverdiyev

City/State or Country: Berlin, Germany

August 10, 2022 | 9:31 PM PDT

Date:

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**Assignment**

Assignors: Mahmud Allahverdiyev et al.  
Title: LAZY REASSEMBLING OF SEMI-STRUCTURED DATA  
Page 4 of 6

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Docket No: 5397.181US1  
Client Ref. No. SFO-0207X1

**Assignor:**

(Signature):

DocuSigned by:  
  
4311AEE41EA4456

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Name: Selcuk Aya

City/State or Country: San Carlos, CA

August 10, 2022 | 11:59 PM PDT

Date:

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**Assignment**

Assignors: Mahmud Allahverdiyev et al.  
Title: LAZY REASSEMBLING OF SEMI-STRUCTURED DATA  
Page 5 of 6

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Docket No: 5397.181US1  
Client Ref. No. SFO-0207X1

**Assignor:**

(Signature):

DocuSigned by:  
*Bowei Chen*  
105165391D6847E

---

Name: Bowei Chen  
City/State or Country: San Bruno, CA

Date: August 15, 2022 | 10:01 AM PDT

**Assignment**

Assignors: Mahmud Allahverdiyev et al.  
Title: LAZY REASSEMBLING OF SEMI-STRUCTURED DATA  
Page 6 of 6

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Docket No: 5397.181US1  
Client Ref. No. SFO-0207X1

**Assignor:**

(Signature):

DocuSigned by:  
*Ismail Oukid*  
612E79675F42402...

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Name: Ismail Oukid

City/State or Country: Berlin, Germany

August 11, 2022 | 12:46 AM PDT

Date:

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