506817639 08/13/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date		
SUBRAMANIAN MURALIDHAR	12/10/2018		
ISTVAN CSERI	12/11/2018		
TORSTEN GRABS	12/10/2018		
BENOIT DAGEVILLE	12/08/2018		

RECEIVING PARTY DATA

Name:	SNOWFLAKE COMPUTING, INC.
Street Address:	100 S. ELLSWORTH AVE, STE 100
City:	SAN MATEO
State/Country:	CALIFORNIA
Postal Code:	94401

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17364562

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.

Email: request@slwip.com

Correspondent Name: SCHWEGMAN LUNDBERG & WOESSNER P.A.

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Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	5397.008US4
NAME OF SUBMITTER:	ERIKA WATKINS
SIGNATURE:	/ Erika Watkins /
DATE SIGNED:	08/13/2021

Total Attachments: 6

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> PATENT REEL: 057173 FRAME: 0988

RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 5397.008US4 Patent and Trademark Office 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 Computing, Inc. Subramanian Muralidhar, Istvan Cseri, Torsten Grabs, Benoit Dageville Street Address: 100 S. Ellsworth Ave. Ste 100 Additional name(s) of conveying party(ies) attached? City: San Mateo State: CA Zip: 94401 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: <u>December 10, 2018, December 11, 2018, December 10, 2018, December 8, 2018</u> 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. 17/364,562 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: Ayaka K. Hatori [[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. Ayaka K. Hatori/Reg. No. 76,363 August 13, 2021 /Ayaka Hatori/ Name of Person Signing Signature Date Total number of pages including cover sheet: 6 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

PATENT REEL: 057173 FRAME: 0989

ASSIGNMENT-STATEMENT

WHEREAS, Subramanian Muralidhar, Istvan Cseri, Torsten Grabs, Benoit Dageville made certain inventions or discoveries (or both) set forth in an Application for Letters Patent of the United States of America, bearing U.S. application serial number 16/213,554 entitled Transactional Streaming Of Change Tracking Data, filed 12/7/2018.

WHEREAS, Snowflake Computing Inc., 100 S. Ellsworth Ave, Ste 100, San Mateo, CA 94401, together with its successors and assigns is hereinafter called "Assignee", is desirous of acquiring the entire right, title and interest together with the benefits and privileges hereinafter recited

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which I hereby acknowledge, on behalf of Assignor, I hereby, without reservation;

- 1. Assign, transfer and convey to Assignee any right, title and interest together with the benefits and privileges in and to said inventions and discoveries, said Application for Letters Patent or similar forms of protection of the United States of America, and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all conversions of provisional to non-provisional, divisional, renewal, substitute, continuation and convention applications based in whole or in part upon said inventions or discoveries, or upon said application, and any and all Letters Patent, reissues and extensions of Letters Patent or similar forms of protection granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
- 2. Authorize Assignee to file patent applications in any or all countries or groups of countries on any or all of said inventions and discoveries in our name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or any other relevant convention or treaty or otherwise;
- 3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein, or otherwise as Assignee may direct;
- 4. Warrant that we have not knowingly conveyed to others any rights in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;
- 5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonable serving to assure that said inventions and discoveries, said patent applications and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing any facts of our conceptions, disclosures, and reduction to practice of said inventions or discoveries.

Page 1 of 5

As the below named inventor, I hereby declare that:

This declaration is directed to the above-identified United States application number, filed on the above-identified date.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

	Subramanian Muralidhar	
Subramania	n Muralidhar December 10, 2018 8:58 PM PS	57
 Date		

As the below named inventor, I hereby declare that:

This declaration is directed to the above-identified United States application number, filed on the above-identified date.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

	Stvan (seri	i				
Istvan C	seri						
	December	11,	2018		8:31	AM	PST
Date	************						

As the below named inventor, I hereby declare that:

This declaration is directed to the above-identified United States application number, filed on the above-identified date.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

	Docusigne Drsten D4AA94750	Gre					
Torsten (
	December	10,	2018	I	8:19	РМ	PST
Date	***************************************	******					

As the below named inventor, I hereby declare that:

This declaration is directed to the above-identified United States application number, filed on the above-identified date.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

	Docusigned by: Bunoit Var 4554AE5829864A	geni	lle				
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Benoit Dage	ville						
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