506195729 08/10/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6242468

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---|----------------|
| INTERNATIONAL BUSINESS MACHINES CORPORATION | 04/22/2020 |

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 16988995 | |

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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| ATTORNEY DOCKET NUMBER: | 107862 1210US2C7 0002US11 | |
|-------------------------|---------------------------|--|
| NAME OF SUBMITTER: | JONATHAN WOLFSBERGER | |
| SIGNATURE: | /Jonathan Wolfsberger/ | |
| DATE SIGNED: | 08/10/2020 | |

Total Attachments: 3

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PATENT 506195729 REEL: 053444 FRAME: 0946

Assignment

For good and valuable consideration, the receipt of which is hereby acknowledged, and subject to the reservations stated in the Patent Assignment Agreement Reference No. L200419 between the parties with an effective time and date of 11:59pm United States Eastern Time on March 31, 2020 ("Effective Time & Date") ("Patent Assignment Agreement"), International Business Machines Corporation, a New York U.S.A. corporation having a place of business at New Orchard Road, Armonk, New York 10504, U.S.A. (hereinafter "ASSIGNOR"), hereby grants and assigns to Snowflake Inc., a Delaware U.S.A. corporation having a place of business at 450 Concar Drive, San Mateo, CA 94402, U.S.A. (hereinafter "ASSIGNEE"), all of IBM's right, title and interest in and to the United States Letters Patents identified in Exhibit A and the United States patent applications identified in Exhibit C, attached hereto (hereinafter, collectively, "ASSIGNED PATENTS"), to have and to hold the same, unto ASSIGNEE for its own use and enjoyment and for the use and enjoyment of its successors and assigns, including all damages and other remedies (including but not limited to remedies based on provisional rights related to published patent applications among the ASSIGNED PATENTS) for infringement of any of the ASSIGNED PATENTS accruing before, on and after the Effective Time & Date and the sole right to sue therefore under such ASSIGNED PATENTS, for the full term or terms of all such ASSIGNED PATENTS, subject to all rights granted under the ASSIGNED PATENTS to third parties prior to said Effective Time & Date.

ASSIGNOR hereby reserves and retains, for the benefit of itself and its subsidiaries and its and their successors and assigns, the rights and licenses set forth in the Patent Assignment Agreement.

ASSIGNOR has caused this Assignment to be duly signed on its behalf.

Name: Lisa M. Regan

Title: Vice President, Finance and Operations,

Signature: Sum M Regan

Research and Intellectual Property

Exhibit A

US Patents

| IBM Docket | Country | Patent | Application | Filing | Issue Date |
|------------------|---------|---------|-------------|------------|------------|
| Number | | Number | Number | Date | |
| ARC920040023US1 | US | 8271428 | 10/850703 | 5/20/2004 | 9/18/2012 |
| *AUS920145108US2 | US | 9172766 | 13/347352 | 1/10/2012 | 10/27/2015 |
| AUS920145108US3 | US | 9722868 | 14/858753 | 9/18/2015 | 8/1/2017 |
| AUS920145108US4 | US | 9794117 | 14/858760 | 9/18/2015 | 10/17/2017 |
| BOC920070032US1 | US | 8990697 | 11/834315 | 8/6/2007 | 3/24/2015 |
| *DE920020034US1 | US | 7275051 | 10/688951 | 10/21/2003 | 9/25/2007 |
| DE920020034US2 | US | 7698253 | 11/777049 | 7/12/2007 | 4/13/2010 |
| *STL919990184US2 | US | 7890491 | 09/669556 | 9/26/2000 | 2/15/2011 |
| STL919990184US3 | US | 8386450 | 10/807871 | 3/24/2004 | 2/26/2013 |
| SVL920020009US1 | US | 7406679 | 10/144049 | 5/10/2002 | 7/29/2008 |
| *SVL920020009US2 | US | 7975258 | 12/124029 | 5/20/2008 | 7/5/2011 |
| SVL920050065US1 | US | 7783625 | 11/256440 | 10/21/2005 | 8/24/2010 |

^{*}inactive

End of Exhibit A

PATENT REEL: 053444 FRAME: 0948

Exhibit C

US Patent Applications

| IBM Docket Number | Country | Application | Filing | Published Application |
|-------------------|---------|-------------|------------|-----------------------|
| | | Number | Date | Number |
| AUS920145108US05 | US | 15/785137 | 10/16/2017 | 20180054356 |
| *AUS920145108US06 | US | 15/858414 | 12/29/2017 | 20180227174 |
| AUS920145108US07 | US | 16/809354 | 3/4/2020 | |
| *AUS920145108US1 | US | 61/431270 | 1/10/2011 | |
| *STL919990184US1 | US | 60/171797 | 12/22/1999 | |

^{*}inactive

End of Exhibit C

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PATENT REEL: 053444 FRAME: 0949