

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
AMOL DATTATRAY DHAYGUDE	11/08/2019
ANTON ALEKSANDROVICH KLIMOV	11/06/2019
AMIT PREM MANGHANI	11/08/2019
SREERAM NIVARTHI	11/07/2019
MANJIT SINGH GILL	11/05/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MICROSOFT TECHNOLOGY LICENSING, LLC
<b>Street Address:</b>	ONE MICROSOFT WAY
<b>City:</b>	REDMOND
<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	98052
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16680364
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(425)936-7329
<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>	425-538-9035
<b>Email:</b>	usdocket@microsoft.com
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<b>Address Line 1:</b>	ONE MICROSOFT WAY
<b>Address Line 4:</b>	REDMOND, WASHINGTON 98052
<b>ATTORNEY DOCKET NUMBER:</b>	407581-US-NP
<b>NAME OF SUBMITTER:</b>	VLADIMIR A. KOZYREV
<b>SIGNATURE:</b>	/VLADIMIR A. KOZYREV/
<b>DATE SIGNED:</b>	11/11/2019
<b>Total Attachments: 10</b>	
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source=2019-11-11 Executed Assignments 407581-US-NP#page10.tif

I Amol Dattatray DHAYGUDE ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "GENERATING ESTIMATED DATABASE SCHEMA AND ANALYTICS MODEL" ("APPLICATION"), which:

☒ will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Microsoft Technology Licensing, LLC, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on November 11, 2019 and given Application No. 16/680,364 by the following Office \_\_\_\_\_) this APPLICATION's Application No., filing date, and Office, when known;

☐ was filed on \_\_\_\_\_ and was given Application No \_\_\_\_\_ by the following Office " \_\_\_\_\_";

Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

Application No.	Filing Date	Office

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

<u>AmolDD</u>	<u>Nov 8<sup>th</sup>, 2019</u>
Inventor's Signature	Date
<u>Amol Dattatray DHAYGUDE</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

I Anton Aleksandrovich KLIMOV ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "GENERATING ESTIMATED DATABASE SCHEMA AND ANALYTICS MODEL" ("APPLICATION"), which:

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Inventor's Signature

11/6/2019

Date

Anton Aleksandrovich KLIMOV

Printed Name in English

АНТОН АЛЕКСАНДРОВИЧ КЛИМОВ

Printed Name in Native Language

(if other than English)

I Amit Prem MANGHANI ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "GENERATING ESTIMATED DATABASE SCHEMA AND ANALYTICS MODEL" ("APPLICATION"), which:

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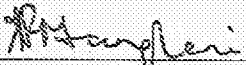
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 _____ Inventor's Signature	<u>11/08/2019</u> _____ Date
Amit Prem MANGHANI _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I Sreeram NIVARTHI ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "GENERATING ESTIMATED DATABASE SCHEMA AND ANALYTICS MODEL" ("APPLICATION"), which:

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 (SREERAM NIVARTHI)	11/7/19
Inventor's Signature	Date
Sreeram NIVARTHI	
Printed Name in English	Printed Name in Native Language (if other than English)

I Manjit Singh GILL ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "GENERATING ESTIMATED DATABASE SCHEMA AND ANALYTICS MODEL" ("APPLICATION"), which:

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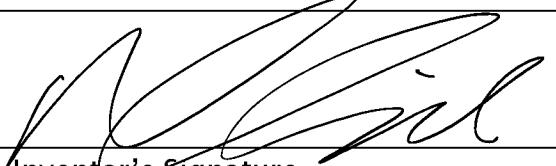
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 Inventor's Signature	<u>11/05/2019</u> Date
<u>Manjit Singh GILL</u> Printed Name in English	 Printed Name in Native Language (if other than English)