#### 11/11/2019 505767625

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT5814441

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
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

#### **RECEIVING PARTY DATA**

Name:	MICROSOFT TECHNOLOGY LICENSING, LLC
Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16680364

### **CORRESPONDENCE DATA**

Fax Number: (425)936-7329

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.

Phone: 425-538-9035

Email: usdocket@microsoft.com **Correspondent Name:** MICROSOFT CORPORATION

Address Line 1: ONE MICROSOFT WAY

Address Line 4: **REDMOND, WASHINGTON 98052** 

ATTORNEY DOCKET NUMBER:	407581-US-NP
NAME OF SUBMITTER:	VLADIMIR A. KOZYREV
SIGNATURE:	/VLADIMIR A. KOZYREV/
DATE SIGNED:	11/11/2019

**Total Attachments: 10** 

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**PATENT** REEL: 050975 FRAME: 0636

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PATENT REEL: 050975 FRAME: 0637

l <u>Amo</u>	l Dattatray DHAY	<u>GUDE</u> ("ASSIGNOR")	am the original inventor or an o	riginal
			disclosed and/or claimed in a	
			DATABASE SCHEMA AND ANAI	
	PLICATION"), which			
$\boxtimes$			y authorizes, and requests,	
			icrosoft Technology Licensing,	
			Washington 98052 (ASSIGNEE'S	
			here in parentheses (filed on cation No. 16/680,364 by	
	the following Of	fice	) this	
	APPLICATION's known;	Application No., f	iling date, and Office, when	
	was filed on	and wa	s given Application No	
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right of prior patents deriv	rity, in the INVENT red therefrom, su ited States, its	TON and the APPLIC ch as continuing ap	ights, title and interest, includir ATION (and all other application plications, in whole or in part, i Il foreign countries ("APPLICA	ns and in and
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MS Docket No.: 407581-US-NP

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).

Ameloo	Nev 8th 2019
Inventor's Signature	Date
Amol Dattatray DHAYGUDE	
Printed Name in English	Printed Name in Native Language
	(if other than English)

# PATENT ASSIGNMENT

MS Docket No.: <u>407581-US-NP</u>

original joint inventor of subject patent application entitled ANALYTICS MODEL" ("APPLICATE will be filed.  ASSIGNEE'S legal LLC, One Microso LEGAL REPRESENT November 11, 20 the following Offi	ect matter ("INVENTION") ( "GENERATING ESTIMATED	orizes, and requests, Technology Licensing, gton 98052 (ASSIGNEE'S parentheses (filed on No. 16/680,364 by) this
known;	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,
Microsoft Technology Liebehalf of itself and its succe desirous of acquiring, the entiright of priority, in the INVENTI patents derived therefrom, sucfor the United States, its DERIVATIVES"));  ASSIGNOR hereby REPRESENTATIVES to insert to	ssors and assigns ("ASSI re and exclusive rights, ti ON and the APPLICATION h as continuing application territories, and all fore authorizes, and requence	";  n limited liability company, on GNEE"), is entitled to, and is tle and interest, including the (and all other applications and ins, in whole or in part, in and ign countries ("APPLICATION  uests, ASSIGNEE'S LEGAL g date, and Office into the
following table for any APPLICA 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"));

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Inventor's Signature

Anton Aleksandrovich KLIMOV

Printed Name in English

Date

AHTON AREKCAKA DOBLY KANNOB

Printed Name in Native Language

(If other than English)

# PATENT ASSIGNMENT

l <u>Amit Prem MANGHAN</u>				
joint inventor of subject matt application entitled "GENERA"				
MODEL" ("APPLICATION"), which		ILD DATAB	ASE SCHEWA AND	J ANALTHES
will be filed.		hereby sut	harizes and re	nuacte
			t Technology Lice gton 98052 (ASSI	
			parentheses (filed	
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the following Off	ice			) this
APPLICATION'S	Application N	lo., filing c	late, and Office,	when
known;				
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MS Docket No.: <u>407581-US-NP</u>

Page 1 of 2

MS Docket No.: 407581-US-NP

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Motangleri	<u> 4/08/2019</u>
Inventor's Šignature	Date
Amit Prem MANGHANI	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Sreeram NIVARTHI</u> ("A inventor of subject matter application entitled <u>"GENERA"</u> <u>MODEL"</u> ("APPLICATION"), whic	("INVENTION") dis FING ESTIMATED	closed and/or claime	d in a patent
ASSIGNEE'S legal LLC, One Microso LEGAL REPRESEN	representative, N oft Way, Redmond, FATIVES), to insert	oy authorizes, and r licrosoft Technology L Washington 98052 (AS here in parentheses (fil ication No. <u>16/680,364</u>	icensing, SIGNEE'S ed on
		filing date, and Offic	
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Microsoft Technology L behalf of itself and its succe desirous of acquiring, the ent right of priority, in the INVENT patents derived therefrom, su for the United States, its DERIVATIVES"));	essors and assign ire and exclusive TON and the APPLI ch as continuing a	s ("ASSIGNEE"), is enti rights, title and interes CATION (and all other a pplications, in whole o	tled to, and is t, including the applications and r in part, in and
ASSIGNOR hereby REPRESENTATIVES to insert following table for any APPLIC	the Application N	lo., filing date, and	Office into the
Application No.	Filing Date	Office	

MS Docket No.: 407581-US-NP

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Manar ( SREERAM ,		11 (4) 19
Inventor's Signature	Date	
Sreeram NIVARTHI		
Printed Name in English	Printed Name In Native Language	
	(if other than English)	

PATENT ASSIGNMEN	Γ MS Docket	No.: <u>407581-US-NP</u>		
nventor of subject matter (	"INVENTION") disclosed  ING ESTIMATED DATABA	l inventor or an original joint and/or claimed in a patent <u>SE SCHEMA AND ANALYTICS</u>		
ASSIGNEE'S legal LLC, One Microso LEGAL REPRESENT November 11, 20 the following Offi	ASSIGNOR hereby auth representative, Microsoft ft Way, Redmond, Washing ATIVES), to insert here in part of the series of the ser	Technology Licensing, gton 98052 (ASSIGNEE'S parentheses (filed on No. 16/680,364 by		
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		
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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"));

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Manjit Singh GILL

Printed Name in English

Printed Name in Native Language (if other than English)