505750501 10/31/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5797314

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GURURAJ SAILESHWAR	10/28/2019
MUNTAQUIM CHOWDHURY	10/29/2019

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:	16669027

CORRESPONDENCE DATA

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Correspondent Name: MARK WILSON / KLARQUIST SPARKMAN, LLP

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ATTORNEY DOCKET NUMBER:	3382-103119-02
NAME OF SUBMITTER:	MARK W. WILSON
SIGNATURE:	/ Mark W. Wilson /
DATE SIGNED:	10/31/2019

Total Attachments: 4

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PATENT 505750501 REEL: 050876 FRAME: 0293

PATENT ASSIGNMENT

inventor of subject matter ("INVENTION"), am the original inventor or an original joint) disclosed and/or claimed in a patent MATION FLOW TRACKING" ("APPLICATION"),
legal representatives, of Microsoft Way, Redmond REPRESENTATIVES) to in: and given Application N	hereby authorizes, and requests, ASSIGNEE'S Microsoft Technology Licensing, LLC, One d, Washington 98052 (ASSIGNEE'S LEGAL sert here in parentheses (filed on 10/30/2019, o. 16/669,027 by the following Office: United mark Office) this APPLICATION's Application ce, when known;
	and was given Application No by ited States Patent and Trademark Office";
behalf of itself and its successors and as desirous of acquiring, the entire and exc right of priority, in the INVENTION and t	clusive rights, title and interest, including the he APPLICATION (and all other applications and inuing applications, in whole or in part,in and
	l requests, ASSIGNEE'S LEGAL REPRESENTATIVES , and Office into the following table for any
APPLICATION DERIVATIVES after they are	
Application No. Filing	Oate Office

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to

PATENT REEL: 050876 FRAME: 0294 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).

guonvey'	10/28/2019	
Inventor's Signature	Date	
Gururaj Saileshwar		
Printed Name in English	Printed Name in Native Language (if	
	other than English)	

PATENT REEL: 050876 FRAME: 0295

PATENT ASSIGNMENT

joint inventor of subject i	matter ("INVENTION") disclo	he original inventor or an original osed and/or claimed in a patent OW TRACKING" ("APPLICATION"),
legal reprint le	resentatives, of Microsoft T Way, Redmond, Washingto NTATIVES) to insert here in Application No. 16/669,02	orizes, and requests, ASSIGNEE'S Technology Licensing, LLC, One on 98052 (ASSIGNEE'S LEGAL parentheses (filed on 10/30/2019, 7 by the following Office: United othis APPLICATION's Application nown;
		en Application No by Patent and Trademark Office";
behalf of itself and its su desirous of acquiring, the right of priority, in the IN patents derived therefror	ccessors and assigns ("ASS e entire and exclusive right VENTION and the APPLICA	ington limited liability company, or IGNEE"), is entitled to, and is is, title and interest, including the TION (and all other applications and ications, in whole or in part, in and countries ("APPLICATION
		ASSIGNEE'S LEGAL REPRESENTATIVE into the following table for any
APPLICATION DERIVATIVE		
Application No.	Filing Date	Office
Marie Carlon Control of the Control	6. Paul Paul Pier A. Control of the	

acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to

PATENT REEL: 050876 FRAME: 0296

MS Docket No. 407296-US-NP

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).

Muntaquim Chowdhury Printed Name in Native Language (if Printed Name in English other than English)

PATENT

REEL: 050876 FRAME: 0297 RECORDED: 10/31/2019