505536757 06/20/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5583554

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RUBINDER BHAMRA	05/09/2019
KIMBERLY ANN WOLK	05/09/2019
LI JUN ANDY ZHU	05/07/2019

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:	16403391

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 MICROSOFT CORPORATION **Correspondent Name:**

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER: 406419-US-NP	
NAME OF SUBMITTER:	VLADIMIR A. KOZYREV
SIGNATURE:	/VLADIMIR A. KOZYREV/
DATE SIGNED:	06/20/2019

Total Attachments: 6

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> **PATENT** REEL: 049544 FRAME: 0192

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PATENT REEL: 049544 FRAME: 0193

PATENT ASSIGNMENT MS Docket No.: 406419-US-NP I Rubinder BHAMRA ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "TABLE WITH ONE OR MORE SECONDARY ROWS" ("APPLICATION"), which: LI 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 and given Application No. ______ by the following Office APPLICATION's Application No., filing date, and Office, when known: was filed on May 3, 2019 and was given Application No. 16/403,391 by the following Office "USPTO":

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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MS Docket No.: <u>406419-US-NP</u>

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).

Day -	5/4/2019
Inventor's Signature	Date
Rubinder BHAMRA	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

MS Docket No.: <u>406419-US-NP</u>

subject matter	("INVENTION") d	isclosed and/or cla	imed in a patent
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TIVES to insert	the Application	No., filing date, ar	nd Office into the
	Filing Date	Office	
	will be filed. ASSIGNEE'S legical LLC, One Microson LEGAL REPRESERT The following Orapplication of the following of the follo	subject matter ("INVENTION") dentitled "TABLE WITH ONE OR MORE WILL WILL ASSIGNOR her ASSIGNEE'S legal representative, LLC, One Microsoft Way, Redmond LEGAL REPRESENTATIVES), to insermine and given Application No., known; was filed on May 3, 2019 and was 16/403,391 by the following Office acquiring, the entire and exclusive rity, in the INVENTION and the APPLICATION, such as continuing ited States, its territories, and its successors and assignated States, its successors and assignated States, its successo	was filed on May 3, 2019 and was given Application No. 16/403,391 by the following Office "USPTO"; soft Technology Licensing, LLC, a Washington limited little and its successors and assigns ("ASSIGNEE"), is acquiring, the entire and exclusive rights, title and interity, in the INVENTION and the APPLICATION (and all othered therefrom, such as continuing applications, in whole ited States, its territories, and all foreign country")); NOR hereby authorizes, and requests, ASTIVES to insert the Application No., filing date, arolle for any APPLICATION DERIVATIVES after they are known.

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hventor's Signature

Date

Kimberly Ann WOLK

Printed Name in English

Printed Name in Native Language

(if other than English)

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Inventor's Signature	5/7/2019 Date
Li Jun Andy ZHU	
Printed Name in English	Printed Name in Native Language
	(if other than English)