# 506759175 07/09/2021

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6805992

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
YU WANG	03/06/2019
YU HU	03/04/2019
HAIYUAN CAO	03/11/2019
HUISU	03/04/2019
JINCHAO LI	03/04/2019
XINYING SONG	03/10/2019
JIANFENG GAO	03/04/2019

### **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:	16285180

### **CORRESPONDENCE DATA**

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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.

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Correspondent Name:BARTA, JONES & FOLEY, P.C.Address Line 1:3308 PRESTON ROAD #350-161

Address Line 4: PLANO, TEXAS 75093

ATTORNEY DOCKET NUMBER:	405819-US-NP
NAME OF SUBMITTER:	HOLLI L. TEMPLETON
SIGNATURE:	/Holli L. Templeton/
DATE SIGNED:	07/09/2021

PATENT REEL: 056811 FRAME: 0908

# Total Attachments: 14 source=405819-US-NP\_Assignments#page1.tif source=405819-US-NP\_Assignments#page2.tif source=405819-US-NP\_Assignments#page3.tif source=405819-US-NP\_Assignments#page4.tif source=405819-US-NP\_Assignments#page5.tif source=405819-US-NP\_Assignments#page6.tif source=405819-US-NP\_Assignments#page7.tif source=405819-US-NP\_Assignments#page8.tif source=405819-US-NP\_Assignments#page9.tif source=405819-US-NP\_Assignments#page10.tif source=405819-US-NP\_Assignments#page11.tif source=405819-US-NP\_Assignments#page12.tif source=405819-US-NP\_Assignments#page12.tif source=405819-US-NP\_Assignments#page13.tif source=405819-US-NP\_Assignments#page14.tif

PATENT REEL: 056811 FRAME: 0909

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	ASSIGNEE'S legal r LLC., One Microsof LEGAL REPRESENT on the following Offi	ASSIGNOR hereby authorepresentative, Microsoft tway, Redmond, Washing ATIVES), to insert here and given Application ce "US – United States FEATION's Application No.,	Technology Licensing, ton 98052 (ASSIGNEE'S in parentheses (filed Noby Patent and Trademark
		uary 25, 2019 and was giv by the following Office " <u>US</u> ice";	
behalf of itse of acquiring priority, in the derived there	If and its successors, the entire and exc ne INVENTION and the efrom, such as cont	s and assigns ("ASSIGNEE"), clusive rights, title and in he APPLICATION (and all o inuing applications, in wh	limited liability company, or is entitled to, and is desirous terest, including the right of the applications and patents to learn in part, in and for the PLICATION DERIVATIVES"));
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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"));

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).

Yu Wang	3/6/2019
Inventor's Signature	Date
Yu WANG	王宇
Printed Name in English	Printed Name in Native Language
	(if other than English)

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Page 1 of 2

MS Docket No.: 405819-US-NP

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Y	03/04/2019
Inventor's Signature	Date
Yu HU	胡宇
Printed Name in English	Printed Name in Native Language
	(if other than English)

inventor of	subject matter ("I	• • • • • • • • • • • • • • • • • • • •	nventor or an original joint nd/or claimed in a patent ATION"), which:
	ASSIGNEE'S legal r LLC., One Microsof LEGAL REPRESENT on the following Offi	ASSIGNOR hereby authorepresentative, Microsoft to Way, Redmond, Washings ATIVES), to insert here and given Application ce "US – United States FEATION's Application No.,	Technology Licensing, ton 98052 (ASSIGNEE'S in parentheses (filed No by Patent and Trademark
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Cao Haiyuan	<b>M</b> arch 11, 2019
Inventor's Signature	Date
Haiyuan CAO	
Printed Name in English	Printed Name in Native Language
	(if other than English)

subject matt	er ("INVENTION") dis	•	an original joint inventor o a patent application entitled
	ASSIGNEE'S legal r LLC., One Microsoft LEGAL REPRESENT, on the following Office	ASSIGNOR hereby author epresentative, Microsoft of the Way, Redmond, Washingth ATIVES), to insert here and given Application ce "US – United States FEATION's Application No.,	Technology Licensing, on 98052 (ASSIGNEE'S in parentheses (filed Noby Patent and Trademark
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Hui Su	03/04/2019
Inventor's Signature	Date
Hui SU	苏慧
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 405819-US-NP

of subject matter ("INVEI	·	l inventor or an original joint i claimed in a patent application nich:	
ASSIGNEE": LLC., One I LEGAL REI on the follow	S legal representative, Mi Microsoft Way, Redmond, 1 PRESENTATIVES), to inse and given Appling Office <u>"US = United</u> s APPLICATION's Applicat	ry authorizes, and requests icrosoft Technology Licensing Washington 98052 (ASSIGNEE's rt here in parentheses (filed plication Noby States Patent and Trademarkion No., filing date, and Office	i. S d y <u>k</u>
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behalf of itself and its su of acquiring, the entire priority, in the INVENTIC derived therefrom, such United States, its territor	ccessors and assigns ("AS: and exclusive rights, title IN and the APPLICATION ( as continuing application ries, and all foreign countr	shington limited liability comp SIGNEE"), is entitled to, and is d e and interest, including the i and all other applications and ns, in whole or in part, in and ries ("APPLICATION DERIVATIVI	lesirou: right o patent: for the ES"));
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Page 1 of 2

MS Docket No.: 405819-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"));

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Inventor's Signature

Date

Jinchao U

Printed Name in English

Printed Name in Native Language

(if other than English)

inventor of	subject matter ("I		inventor or an original joint nd/or claimed in a patent ATION"), which:		
	ASSIGNEE'S legal r LLC., One Microsoft LEGAL REPRESENTA on the following Office	ASSIGNOR hereby authorepresentative, Microsoft of Way, Redmond, Washings ATIVES), to insert here and given Application of "US – United States FEATION's Application No.,	Technology Licensing, ton 98052 (ASSIGNEE'S in parentheses (filed Noby Patent and Trademark		
	was filed on <u>February 25, 2019</u> and was given Application  No. <u>16/285,180</u> by the following Office " <u>US – United States Patent</u> and Trademark Office";				
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Xinying Song	03/10/2019
Inventor's Signature	Date
Xinying SONG	宋鑫莹
Printed Name in English	Printed Name in Native Language
	(if other than English)

I, <u>Jiar</u>	<u>ifeng GAO (</u> "ASSIG	NOR"), am the original i	nventor or an original joint
		INVENTION") disclosed a V ENGINE TOOL" ("APPLIC.	nd/or claimed in a patent ATION"), which:
	ASSIGNEE'S legal r LLC., One Microsof LEGAL REPRESENT on the following Offi	ASSIGNOR hereby authorepresentative, Microsoft of Way, Redmond, Washingth ATIVES), to insert here and given Application ce "US – United States FEATION's Application No.,	Technology Licensing, ton 98052 (ASSIGNEE'S in parentheses (filed Noby Patent and Trademark
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Inventor's Signature

Date

Jianfeng GAO

Printed Name in English

Printed Name in Native Language
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