504079398 11/02/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

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EPAS ID: PAT4126066

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WENXUAN XIE	01/14/2016
CUILING LAN	01/14/2016
WENJUN ZENG	01/13/2016

RECEIVING PARTY DATA

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City:	REDMOND
State/Country:	WASHINGTON
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15342070

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ATTORNEY DOCKET NUMBER:	358957-US-NP
NAME OF SUBMITTER:	HOLLI L. TEMPLETON
SIGNATURE:	/Holli L. Templeton/
DATE SIGNED:	11/02/2016

Total Attachments: 6

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Ă	SSIGNEE'S legal	representative,	Microsoft	Technolog	y Licensin	g,
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Page 1 of 2

PATENI	ASSIGNMENT	MS Docket No.:	358957.01

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).

Werkwar /Kha	2016. OL 04.
Inventor's Signature	Date
Printed Name in English	Printed Name in Native Language
	(if other than English)

	PATENT	ASSIGNMENT	MS D	ocket No.:	358957.01
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Page 1 of 2

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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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	Cuiling Lan	2016.1.19
	Inventor's Signature	Date
	Culling Lan	兰翠玲
	Printed Name in English	Printed Name in Native Language
		(if other than English)

PATENI	ASSIGNMENT	MS Docket No.: 3	58957.01
l Wenjun Zeng		("ASSIGNOR") am the	original
inventor or an original joint is	nventor of subject		ed and/or
ASSIGNEE'S lega LLC, One Micros LEGAL REPRESE on No. Office	l representative, oft Way, Redmond	eby authorizes, and reque Microsoft Technology Licensi d, Washington 98052 (ASSIGNE sert here in parentheses (f and given Applicat by the follow) this APPLICATIO ffice, when known;	ng, EE'S iled ion ing
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Microsoft Technology L behalf of itself and its succ desirous of acquiring, the en- right of priority, in the INVENT patents derived therefrom, su for the United States, its DERIVATIVES"));	essors and assign tire and exclusive FION and the APPL och as continuing a	rights, title and interest, incl ICATION (and all other applica applications, in whole or in pa	o, and is luding the ations and art, in and
ASSIGNOR hereby REPRESENTATIVES to insert following table for any APPLIC	the Application I		
Application No.	Filing Date	Office	

Page 1 of 2

PATENT.	ASSIGNMENT	MS Docket No.1	

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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W-2V	2016.01.12
Inventor's Signature	Date
Wenjun Zeng	曾文军
Printed Name in English	Printed Name In Native Language (if other than English)

RECORDED: 11/02/2016