

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5840534

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
GUOZHONG MA	09/07/2015
ANRONG ZHANG	11/18/2015
JIE ZHANG	09/15/2015
WEI WANG	11/18/2015
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:	16696445
CORRESPONDENCE DATA	
Fax Number:	(801)532-7543
<i>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.</i>	
Phone:	801-532-1500
Email:	mspatent@rqn.com,usdocket@microsoft.com
Correspondent Name:	RAY QUINNEY & NEBEKER
Address Line 1:	36 SOUTH STATE STREET
Address Line 2:	SUITE 1400
Address Line 4:	SALT LAKE CITY, UTAH 84111
ATTORNEY DOCKET NUMBER:	357618-US-CNT
NAME OF SUBMITTER:	JAMES S. BULLOUGH
SIGNATURE:	/James S. Bullough, Reg.# 65352/
DATE SIGNED:	11/26/2019
Total Attachments: 8	
source=357618-US-CNT_2019-11-26_ExecutedAssignmentsALL#page1.tif	
source=357618-US-CNT_2019-11-26_ExecutedAssignmentsALL#page2.tif	

source=357618-US-CNT_2019-11-26_ExecutedAssignmentsALL#page3.tif
source=357618-US-CNT_2019-11-26_ExecutedAssignmentsALL#page4.tif
source=357618-US-CNT_2019-11-26_ExecutedAssignmentsALL#page5.tif
source=357618-US-CNT_2019-11-26_ExecutedAssignmentsALL#page6.tif
source=357618-US-CNT_2019-11-26_ExecutedAssignmentsALL#page7.tif
source=357618-US-CNT_2019-11-26_ExecutedAssignmentsALL#page8.tif

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).

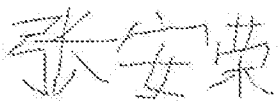
<i>Guozhong Ma</i>	7 th September 2015
_____ Inventor's Signature	_____ Date
_____ Guozhong MA Printed Name in English	_____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 357618.01

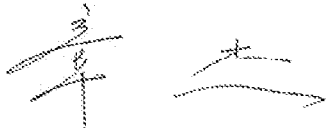
For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all 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).

	<u>2015.11.16.</u>
Inventor's Signature	Date
<u>Anrong Zhang</u>	张安荣
Printed Name in English	Printed Name in Native Language (if other than English)


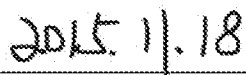
For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all 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).

<p><u>Zhang Jie</u></p> <p>Inventor's Signature</p> <hr/> <p><u>Jie Zhang</u></p> <p>Printed Name in English</p>	<p><u>2015.9.15</u></p> <p>Date</p> <hr/>  <p>Printed Name in Native Language (if other than English)</p>
--	---

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).

	
_____ Inventor's Signature	_____ Date
<u>Wei Wang</u>	<u>王伟</u>
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)