

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5039973

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
XIAOYUE XIE	11/26/2014
RAHUL MARWAH	12/04/2014
JOHN JACOB NELSON	12/02/2014
IVAN ANDREW MCCRACKEN	11/25/2014
DAVID OTTO WHITT III	11/25/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MICROSOFT TECHNOLOGY LICENSING, LLC
<b>Street Address:</b>	ONE MICROSOFT WAY
<b>City:</b>	REDMOND
<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	98052
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16022659
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(509)755-7252
<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>	
<b>Phone:</b>	509-755-7262
<b>Email:</b>	usdoCKET@microsoft.com
<b>Correspondent Name:</b>	WOLFE-SBMC
<b>Address Line 1:</b>	116 W. PACIFIC AVE.
<b>Address Line 2:</b>	SUITE 200
<b>Address Line 4:</b>	SPOKANE, WASHINGTON 99201
<b>ATTORNEY DOCKET NUMBER:</b>	355713-US-CNT[2]
<b>NAME OF SUBMITTER:</b>	CHRISTOPHER J. CULBERSON
<b>SIGNATURE:</b>	/Christopher J. Culberson/
<b>DATE SIGNED:</b>	07/08/2018
<b>Total Attachments: 10</b>	

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source=355713-US-CNT[2] Executed Assignments#page10.tif

I Xiaoyue Xie (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “Touch Input Device in a Circuit Board” (“APPLICATION”), which:

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 December 4, 2014 and given Application No. 14/561,014 by the following Office US) this APPLICATION’s Application No., filing date, and Office, when known;

was filed on \_\_\_\_\_ and was given Application No \_\_\_\_\_ by the following Office “\_\_\_\_\_”;


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
15/723,895	October 3, 2017	US
16/022,659	June 28, 2018	US

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	<u>11/26/2024</u> _____ Date
Xiaoyue Xie _____ Printed Name in English	解晓月 _____ Printed Name in Native Language (if other than English)

I Rahul Marwah (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “Touch Input Device in a Circuit Board” (“APPLICATION”), which:

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	12/4/2014
_____ Inventor's Signature	_____ Date
Rahul Marwah	
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 355713.01

I John Jacob Nelson ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Touch Input Device in a Circuit Board" ("APPLICATION"), which:

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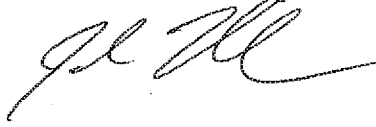
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Inventor's Signature	Date
John Jacob Nelson	12/2/14
Printed Name in English	Printed Name in Native Language (if other than English)
	



I Ivan Andrew McCracken (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “Touch Input Device in a Circuit Board” (“APPLICATION”), which:

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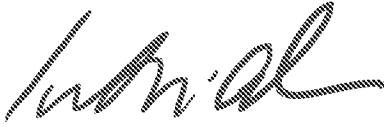

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_____ Inventor's Signature	_____ Date
Ivan Andrew McCracken _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I David Otto Whitt, III (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “Touch Input Device in a Circuit Board” (“APPLICATION”), which:

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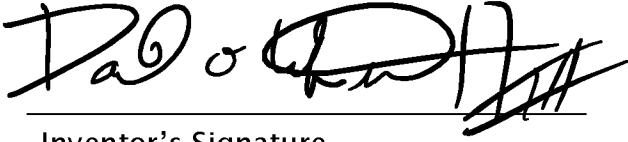
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	<u>11-25-14</u>
Inventor's Signature	Date
<u>David Otto Whitt, III</u>	
Printed Name in English	Printed Name in Native Language (if other than English)