

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4999375

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ANATOLIE GAVRILIUC	06/28/2016
SHAWN CRISPIN WRIGHT	07/27/2016
JEFFREY ALAN KOHLER	06/23/2016
QUENTIN SIMON CHARLES MILLER	07/20/2016
SCOTT FRANCIS FULLAM	07/27/2016
SERGIO PAOLANTONIO	06/23/2016
MICHAEL EDWARD SAMPLES	09/21/2016
ANTHONY JAMES AMBRUS	08/24/2016
<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>
Application Number:	15192329
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(425)936-7329
<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>	4257079382
<b>Email:</b>	usdocket@microsoft.com
<b>Correspondent Name:</b>	MICROSOFT CORPORATION
<b>Address Line 1:</b>	ONE MICROSOFT WAY
<b>Address Line 4:</b>	REDMOND, WASHINGTON 98052
<b>ATTORNEY DOCKET NUMBER:</b>	359589.01
<b>NAME OF SUBMITTER:</b>	CATHERINE POLANCE
<b>SIGNATURE:</b>	/Catherine Polance/

<b>DATE SIGNED:</b>	06/10/2018
<b>Total Attachments: 16</b> source=Assignments (inventors to MTL) 359589.01#page1.tif source=Assignments (inventors to MTL) 359589.01#page2.tif source=Assignments (inventors to MTL) 359589.01#page3.tif source=Assignments (inventors to MTL) 359589.01#page4.tif source=Assignments (inventors to MTL) 359589.01#page5.tif source=Assignments (inventors to MTL) 359589.01#page6.tif source=Assignments (inventors to MTL) 359589.01#page7.tif source=Assignments (inventors to MTL) 359589.01#page8.tif source=Assignments (inventors to MTL) 359589.01#page9.tif source=Assignments (inventors to MTL) 359589.01#page10.tif source=Assignments (inventors to MTL) 359589.01#page11.tif source=Assignments (inventors to MTL) 359589.01#page12.tif source=Assignments (inventors to MTL) 359589.01#page13.tif source=Assignments (inventors to MTL) 359589.01#page14.tif source=Assignments (inventors to MTL) 359589.01#page15.tif source=Assignments (inventors to MTL) 359589.01#page16.tif	

## PATENT ASSIGNMENT

I Anatolie Gavriluc ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled INTEGRATED FREE SPACE AND SURFACE INPUT DEVICE ("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 06/24/2016 and given Application No. 15/192,329 by the following Office US - United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

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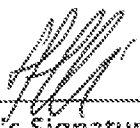
Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (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"));

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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	6/28/16 _____ Date
_____ Anatolie Gavriluc Printed Name in English	_____ Printed Name in Native Language (if other than English)

## PATENT ASSIGNMENT

I Shawn Crispin Wright ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled INTEGRATED FREE SPACE AND SURFACE INPUT DEVICE ("APPLICATION"), which:

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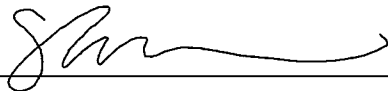
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 <hr/> Inventor's Signature	7/27/2016 <hr/> Date
Shawn Crispin Wright <hr/> Printed Name in English	<hr/> Printed Name in Native Language (if other than English)

## PATENT ASSIGNMENT

I Jeffrey Alan Kohler ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled INTEGRATED FREE SPACE AND SURFACE INPUT DEVICE ("APPLICATION"), which:

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 <hr/> Inventor's Signature	6/23/16 <hr/> Date
Jeffrey Alan Kohler <hr/> Printed Name in English	<hr/> Printed Name in Native Language (if other than English)



## PATENT ASSIGNMENT

I Quentin Simon Charles Miller ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled INTEGRATED FREE SPACE AND SURFACE INPUT DEVICE ("APPLICATION"), which:

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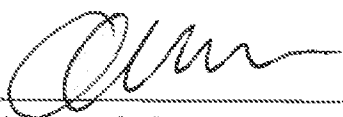
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	<u>7/20/16</u>
Inventor's Signature	Date
<u>Quentin Simon Charles Miller</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

## PATENT ASSIGNMENT

I Scott Francis Fullam ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled INTEGRATED FREE SPACE AND SURFACE INPUT DEVICE ("APPLICATION"), which:

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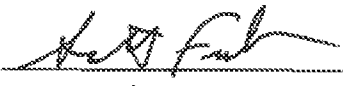
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	<u>7/27/16</u>
Inventor's Signature	Date
<u>Scott Francis Fullam</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

# PATENT ASSIGNMENT

I Sergio Paolantonio ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled INTEGRATED FREE SPACE AND SURFACE INPUT DEVICE ("APPLICATION"), which:

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 Inventor's Signature	<u>6/23/2016</u> Date
<u>Sergio Paolantonio</u> Printed Name in English	<u>SERGIO PAOLANTONIO</u> Printed Name in Native Language (if other than English)

## PATENT ASSIGNMENT

I Michael Edward Samples ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled INTEGRATED FREE SPACE AND SURFACE INPUT DEVICE ("APPLICATION"), which:

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<u><i>MSamples</i></u>	<u>9/21/2016</u>
Inventor's Signature	Date
<u>Michael Edward Samples</u>	<u></u>
Printed Name in English	Printed Name in Native Language (if other than English)



## PATENT ASSIGNMENT

I Anthony James Ambrus ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled INTEGRATED FREE SPACE AND SURFACE INPUT DEVICE ("APPLICATION"), which:

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 <hr/> <p>Inventor's Signature</p> <hr/> <p>Anthony James Ambrus</p> <hr/> <p>Printed Name in English</p>	<p>8/24/2016</p> <hr/> <p>Date</p> <hr/> <p>Printed Name in Native Language (if other than English)</p>
---	--