

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4777537

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ALEXANDRU OCTAVIAN BALAN	06/08/2016
CONSTANTIN DULU	06/08/2016
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<b>Name:</b>	MICROSOFT TECHNOLOGY LICENSING, LLC
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<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	98052
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	62347831
<b>Application Number:</b>	15274361
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	20844.20 & 20844.20.1
<b>NAME OF SUBMITTER:</b>	JONATHAN W. RICHARDS
<b>SIGNATURE:</b>	/Jonathan W. Richards/
<b>DATE SIGNED:</b>	01/16/2018
<b>Total Attachments: 4</b>	
source=20844-20-1-Assignments WAIT TO FILE#page1.tif	
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source=20844-20-1-Assignments WAIT TO FILE#page3.tif	
source=20844-20-1-Assignments WAIT TO FILE#page4.tif	

I Alexandru Octavian Balan ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Robust Optical Disambiguation and Tracking of Two or More Handheld Inertial Controllers in a Slim Form-Factor" ("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 \_\_\_\_\_ and given Application No. \_\_\_\_\_ by the following Office \_\_\_\_\_) this APPLICATION's Application No., filing date, and Office, when known;

☒ was filed on 2016-06-09 and was given Application No. 62/347831 by the following Office "USPTO";

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"));

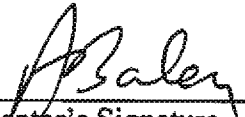
ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

Application No.	Filing Date	Office
15/274361	2016-09-23	USPTO

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>6/8/2016</u> _____ Date
<u>Alexandru Octavian Balan</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I Constantin Dulu ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Robust Optical Disambiguation and Tracking of Two or More Handheld Inertial Controllers in a Slim Form-Factor" ("APPLICATION"), which:

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 _____ Inventor's Signature	<u>6/8/2016</u> _____ Date
<u>Constantin Dulu</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)