

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ANDRIY PLETENETSKYY	11/04/2015
<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:	14935079
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	358105-US-NP
<b>NAME OF SUBMITTER:</b>	ARCELIE GRAPES
<b>SIGNATURE:</b>	/Arcelie Grapes/
<b>DATE SIGNED:</b>	10/05/2017
<b>Total Attachments: 4</b>	
source=Pletenetsky_Assignment_signed_7-8089US1#page1.tif	
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source=Schultz_assignment_signed_7-8089US1#page1.tif	
source=Schultz_assignment_signed_7-8089US1#page2.tif	

MS Docket No.: 358105.01

☒ 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 November 6, 2015 and given Application No. 14/935,079 by the following Office US- United States Patent & Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

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"));

[illegible]

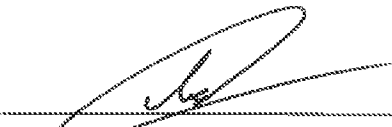
## PATENT ASSIGNMENT

MS Docket No.: 358105.01

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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"));

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>11.09.2015</u> _____ Date
<u>Andriy Pletenetsky</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

MS Docket No.: 358105.01

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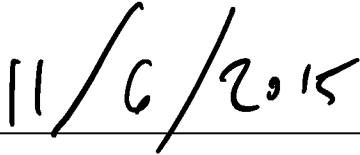
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ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

[illegible]

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Inventor's Signature	Date
<u>Bernard Schultz</u>	
Printed Name in English	Printed Name in Native Language (if other than English)