

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT5424972

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOHN STAIRS	05/20/2016
MARCOS CALDERON MACIAS	05/20/2016
PETER VILLADSEN	05/20/2016
<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:	16355254
<b>CORRESPONDENCE DATA</b>	
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<b>Email:</b>	USDocket@microsoft.com
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<b>Address Line 2:</b>	SUITE 525
<b>Address Line 4:</b>	FAIRFAX, VIRGINIA 22030
<b>ATTORNEY DOCKET NUMBER:</b>	359944-US-DIV
<b>NAME OF SUBMITTER:</b>	ASHOK K. MANNAVA
<b>SIGNATURE:</b>	/Ashok K. Mannava/
<b>DATE SIGNED:</b>	03/15/2019
<b>Total Attachments: 6</b>	
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PATENT ASSIGNMENT

MS Docket No.: 359944.01

I John Stairs ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "AUGMENTING AN ORIGINAL CLASS WITH AN AUGMENTING CLASS" ("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 May 20, 2016 and given Application No. 15/160,973 by the following Office US - United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

was filed on \_\_\_\_\_ and was given Application No. \_\_\_\_\_ by the following Office "US - United States Patent and Trademark 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
16/355,254	March 15, 2019	US Patent and Trademark Office

PATENT ASSIGNMENT

MS Docket No.: 359944.01

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).

 _____ Inventor's Signature	<u>5/20/2016</u> _____ Date
<u>John Stairs</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 359944.01

I Marcos Calderon Macias ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "AUGMENTING AN ORIGINAL CLASS WITH AN AUGMENTING CLASS" ("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 May 20, 2016 and given Application No. 15/160,973 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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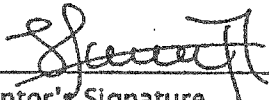
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 _____ Inventor's Signature	<u>5/20/2016</u> _____ Date
<u>Marcos Calderon Macias</u> _____ Printed Name in English	<u>Marcos Calderon Macias</u> _____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 359944.01

I Peter Villadsen ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "AUGMENTING AN ORIGINAL CLASS WITH AN AUGMENTING CLASS" ("APPLICATION"), which:

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_____ Inventor's Signature	_____ Date
_____ Peter Villadsen Printed Name in English	_____ Printed Name in Native Language (if other than English)