503836990 05/20/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

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EPAS ID: PAT3883638

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN STAIRS	05/20/2016
MARCOS CALDERON MACIAS	05/20/2016
PETER VILLADSEN	05/20/2016

RECEIVING PARTY DATA

Name:	MICROSOFT TECHNOLOGY LICENSING, LLC	
Street Address:	ONE MICROSOFT WAY	
City:	REDMOND	
State/Country:	WASHINGTON	
Postal Code:	98052	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15160973

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	359944.01	
NAME OF SUBMITTER:	ARCELIE GRAPES	
SIGNATURE:	/Arcelie Grapes/	
DATE SIGNED:	05/20/2016	

Total Attachments: 6

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PATENT REEL: 038662 FRAME: 0274

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:

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M	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

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"));

and Trademark Office":

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	***************************************
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Page 1 of 2

PATENT ASSIGNMENT

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).

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

MS Docket No.: 359944.01

PATENT ASSIGNMENT MS Docket No.: 359944.01
I <u>Marcos Calderon Macias</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled " <u>AUGMENTING AN ORIGINAL CLASS WITH AN AUGMENTING CLASS"</u> ("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

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PATENT ASSIGNMENT

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")):

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Marcos Calderon Macias

Printed Name in English

MS Docket No.: 359944.01

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: 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

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Page 1 of 2

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Rt Villac	Zot May 2016
Inventor's Signature	Date
Peter Villadsen	
Printed Name in English	Printed Name in Native Language
	(if other than English)

RECORDED: 05/20/2016

MS Docket No.: 359944.01