## 504469220 07/22/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4515922

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
BRAD M. OLENICK	11/23/2015
LEON E. WELICKI	11/23/2015
ALVARO R. DIAS	11/23/2015
MADHUR JOSHI	11/25/2015

### **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:	15657122

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	357576-US-CNT
NAME OF SUBMITTER:	BRYAN S. WADE
SIGNATURE:	/Bryan S. Wade, #58,228/
DATE SIGNED:	07/22/2017

**Total Attachments: 8** 

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PATENT 504469220 REEL: 043071 FRAME: 0451

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PATENT REEL: 043071 FRAME: 0452

	PATENT A	ASSIGNMENT	MS Docket No.: <u>357576.02</u>
	subject matter ( entitled " <u>VIRTU/</u>	'INVENTION") disclosed	inventor or an original joint and/or claimed in a patent DDE IN AN APPLICATION"
	ASSIGNEE'S legal LLC., One Microso LEGAL REPRESEN' on December 1, 2 the following Office	ASSIGNOR hereby auth representative, Microsoft ft Way, Redmond, Washing FATIVES), to insert here 2015 and given Application to US – United States Pater's Application No., filing	Technology Licensing, gton 98052 (ASSIGNEE'S in parentheses (filed in No. <u>14/956,106</u> by at and Trademark Office)
	was filed on	and was given	Application
	No	by the following Office	<b>3</b>
behalf of itse of acquiring, priority, in the derived there	soft Technology Lid If and its successor , the entire and ex ne INVENTION and efrom, such as cor	censing, LLC, a Washingtors and assigns ("ASSIGNEE" (clusive rights, title and in the APPLICATION (and all applications, in we	on limited liability company, on i'), is entitled to, and is desirous nterest, including the right of other applications and patents whole or in part, in and for the PPLICATION DERIVATIVES"));
to insert the		filing date, and Office in	NEE'S LEGAL REPRESENTATIVES to the following table for any

Application No.	Filing Date	Office
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Page 1 of 2

PAIENIA	1921QINIMEIN I	MS Docket No.:	<u>35/576.02</u>

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).

Brd M Q -h	11/23/2015
/ Inventor's Signature	Date
Brad M. Olenick	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: <u>357576.02</u>

I <u>Leon E. Welicki</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>VIRTUALIZING EXTENSION CODE IN AN APPLICATION</u>" ("APPLICATION"), which:

$\boxtimes$	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 December 1, 2015 and given Application No. 14/956,106 by
	the following Office <u>US - United States Patent and Trademark Office</u> )
	this APPLICATION's Application No., filing date, and Office, when
	known;
	·
	was filed on and was given Application
	No by the following Office
	a ».

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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Application No.	Filing Date	Office
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Page 1 of 2

MS Docket No.: 357576.02

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Inventor's Signature  Leon E. Welicki	
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: 357576.02

\*\*Alvaro R. Dias ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "VIRTUALIZING EXTENSION CODE IN AN APPLICATION" ("APPLICATION"), which:

$\boxtimes$	oxtimes will be filed. ASSIGNOR hereb	y authorizes, and requests,
	ASSIGNEE'S legal representative, Mi	crosoft Technology Licensing,
	LLC., One Microsoft Way, Redmond, \	Washington 98052 (ASSIGNEE'S
	LEGAL REPRESENTATIVES), to inser	rt here in parentheses (filed
	on <u>December 1, 2015</u> and given App	olication No. <u>14/956,106</u> by
	the following Office <u>US – United State</u>	s Patent and Trademark Office)
	this APPLICATION's Application No.	, filing date, and Office, when
	known;	
	ž.	
	$\square$ was filed on and wa	s given Application
	No by the followin	g Office
	u !!	

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Filing Date	Office	
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		Filing Date Office

Page 1 of 2

MS Docket No.: 357576.02

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Inventor's Signature

Alvaro R. Dias

Printed Name in English

Printed Name in Native Language
(if other than English)

I <u>Madhur Joshi</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>VIRTUALIZING EXTENSION CODE IN AN APPLICATION</u>" ("APPLICATION"), which:

$\boxtimes$	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 December 1, 2015 and given Application No. 14/956,106 by				
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	this APPLICATION's Application No., filing date, and Office, when				
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·					
L	was filed on and was given Application				
	No by the following Office				
	"				

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W Jarden	<b>N</b> ovember 25, 2015	
Inventor's Signature	Date	
Madhur Joshi		
Printed Name in English	Printed Name in Native Language	
	(if other than English)	

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RECORDED: 07/22/2017

MS Docket No.: <u>357576.02</u>