503578159 11/19/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN LINCOLN DEMARIS	11/19/2015
OMAR HUSSEIN SHAHINE	11/19/2015

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:	14946579

CORRESPONDENCE DATA

Fax Number: (865)380-5999

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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

Phone: 612-332-5300

Email: usdocket@microsoft.com

Correspondent Name: MERCHANT & GOULD (MICROSOFT)

Address Line 1: P.O. BOX 2903

Address Line 4: MINNEAPOLIS, MINNESOTA 55402-0903

ATTORNEY DOCKET NUMBER:	14917.2671US01/358092.01	
NAME OF SUBMITTER:	CHRISTOPHER J. LEONARD	
SIGNATURE:	/Christopher J. Leonard/	
DATE SIGNED:	11/19/2015	

Total Attachments: 4

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PATENT 503578159 REEL: 037094 FRAME: 0380

	MS Docket No.:	358092.01 / 14917.2671US01
l John Lincoln DeMa	ris	("ASSIGNOR") am the original
inventor or an original joint in	ventor of subject matter ("INVENTION") disclosed and/or
		DITING OF SHARED FILES"
("APPLICATION"), which:		
oxtimes will be filed.	ASSIGNOR hereby auth	norizes, and requests,
ASSIGNEE'S legal	representative, Microsoft	t Technology Licensing,
	ft Way, Redmond, Washin	
	TATIVES), to insert here	
on <u>Novembe</u>	<u>r 19, 2015</u> and	given Application
No. <u>14/946,579</u>	by the following Off	ice <u>US – United States</u>
<u>Patent and Trade</u>	mark Office) this APPLICA	TION's Application No.,
filing date, and O	ffice, when known;	
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was filed on	and was given	Application
No	by the following Office	e
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		n limited liability company, on
behalf of itself and its succe		
desirous of acquiring, the enti		
right of priority, in the INVENTI		
patents derived therefrom, suc		
for the United States, its	erritories, and all fore	ign countries ("APPLICATION
DERIVATIVES"));	-	
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	authorizes, and requ	•
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Application No.	Filing Date	Office
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Page 1 of 2

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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	19 Nov ZOL5 Date	
John Lincoln DeMaris		
Printed Name in English	Printed Name in Native Language (if other than English)	

	MS Docket No.:	358092.01 / 14917.2671US01
I Omar Hussein Shahing original inventor or an original and/or claimed in a patent appropriate ("APPLICATION"), which	joint inventor of subject roplication entitled "PRIV	
ASSIGNEE'S legal LLC, One Microsof LEGAL REPRESENT on November No. 14/946,579 Patent and Trader	ASSIGNOR hereby authorepresentative, Microsoft to Way, Redmond, Washing FATIVES), to insert here and by the following Offinark Office) this APPLICA fice, when known;	Technology Licensing, gton 98052 (ASSIGNEE'S in parentheses (filed given Application ice <u>US – United States</u>
	and was given by the following Office ";	
Microsoft Technology Lid behalf of itself and its success desirous of acquiring, the entire right of priority, in the INVENTION patents derived therefrom, such for the United States, its to DERIVATIVES"));	ssors and assigns ("ASSIO Te and exclusive rights, ti ON and the APPLICATION In as continuing application	tle and interest, including the (and all other applications and ns, in whole or in part, in and
ASSIGNOR hereby a REPRESENTATIVES to insert the following table for any APPLICA		g date, and Office into the
Application No.	Filing Date	Office

Page 1 of 2

MS Docket No.:	358092.01 / 14917.2671US01
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Inventor's Signature	// /(4/1) Date
Omar Hussein Shahine	
Printed Name in English	Printed Name in Native Language
	(if other than English)