503754383 03/25/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTOPHER ROBERT HAYWORTH	03/14/2016
DACHUAN ZHANG	03/13/2016

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15081111

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ATTORNEY DOCKET NUMBER:	14917.2703USU1/358760.02	
NAME OF SUBMITTER:	CHRISTOPHER J. LEONARD	
SIGNATURE:	/Christopher J. Leonard/	
DATE SIGNED:	03/25/2016	

Total Attachments: 4

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PATENT 503754383 REEL: 038102 FRAME: 0534

PATENT ASSIGNMENT

original join	t inventor of subje		n the original inventor or ar disclosed and/or claimed in a CATION"), which:
\boxtimes	will be filed.	ASSIGNOR hereby auth	norizes, and requests,
	LLC., One Mic (ASSIGNEE'S LEC parentheses (filed No. 15/081,111 Patent and Trade)	representative, Microsoft rosoft Way, Redmond GAL REPRESENTATIVES), d on <u>March 25, 2016</u> by the following Off <u>mark Office</u>) this APPLICA ffice, when known;	, Washington 98052 to insert here in and given Application ice <u>US – United States</u>
	was filed on	and was given	Application No
	by the following C Office";	Office " <u>United States Paten</u>	t and Trademark
behalf of its desirous of right of prio patents deri	self and its succe acquiring, the enti rity, in the INVENTI ved therefrom, suc	ssors and assigns ("ASSI re and exclusive rights, t ON and the APPLICATION th as continuing application	on limited liability company, or GNEE"), is entitled to, and is itle and interest, including the (and all other applications and ons, in whole or in part, in and ign countries ("APPLICATION
	•		uests, ASSIGNEE'S LEGA
		ne Application No., fillr ATION DERIVATIVES <u>after t</u>	ig date, and Office into the hev are known:
Application		Filing Date	Office
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Page 1 of 2

REEL: 038102 FRAME: 0535

PATENT ASSIGNMENT

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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).

Clita Vayrott	3/14/2016
Inventor's Signature	Date
Christopher Robert Hayworth	
Printed Name in English	Printed Name in Native Language
	(if other than English)

REEL: 038102 FRAME: 0536

PATENT ASSIGNMENT

I <u>Dachuan Zhang</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>TRANSFERRING FILES</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 <u>March 25, 2016</u> and given Application No. <u>15/081,111</u> by the following Office <u>US - United States Patent and Trademark Office</u>) this APPLICATION's Application No., filing date, and Office, when known;			
	and was given 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"));			
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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REEL: 038102 FRAME: 0537

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).

Inventor's Signature

Dachuan Zhang

Printed Name in English

03/13/20/6

Date

Printed Name in Native Language

(if other than English)