### 503514457 10/08/2015

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3561083

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
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RAJESH MANOHAR DIGHDE	09/28/2015
XIAOYAN HU	09/24/2015

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City:	REDMOND	
State/Country:	WASHINGTON	
Postal Code:	98052	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14824987

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ATTORNEY DOCKET NUMBER:	357594.01
NAME OF SUBMITTER:	NOEMI TOVAR
SIGNATURE:	/NOEMI TOVAR/
DATE SIGNED:	10/08/2015

#### **Total Attachments: 6**

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PATENT REEL: 036753 FRAME: 0145

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PATENT REEL: 036753 FRAME: 0146

# PATENT ASSIGNMENT MS Docket No.: 357594.01

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ASS LLC (AS par No. Off	ilGNEE'S legal repre :., One Microsofi SIGNEE'S LEGAL entheses (filed on	sentative, Microsoft Way, Redmond REPRESENTATIVES),	to insert here in and given Application the following this APPLICATION's	
No	filed on <u>August 12</u> 14/824,987 by th Trademark <u>Office</u> ";		n Application <u>JS - United States Patent</u>	
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Page 1 of 2

MS Docket No.: 357594.01

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

Ying Zheng

Printed Name in English

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Date

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Printed Name in Native Language

(if other than English)

# PATENT ASSIGNMENT

joint invento	or of subject matte	er ("INVENTION") discl	ne original inventor or an origina osed and/or claimed in a paten <u>ON</u> " ("APPLICATION"), which:
	will be filed.	ASSIGNOR hereby a	authorizes, and requests,
	LLC., One Mic (ASSIGNEE'S LEC parentheses (filed No. Office	rosoft Way, Redmo GAL REPRESENTATIVE d onby	ES), to insert here in and given Application the following) this APPLICATION's
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behalf of its desirous of right of prior patents deriv	self and its succe acquiring, the enti- rity, in the INVENTI ved therefrom, suc ited States, its t	ssors and assigns ("A re and exclusive right ON and the APPLICATI h as continuing applic	igton limited liability company, or ASSIGNEE"), is entitled to, and is s, title and interest, including the ON (and all other applications and ations, in whole or in part, in and foreign countries ("APPLICATION
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Application I		Filing Date	Office

Page 1 of 2

MS Docket No.: 357594.01

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).

	Sept 28th 2015
Inventor's Signature	Date
Rajesh Manohar Dighde	Paris, a
Printed Name in English	Printed Name in Native Language
	(if other than English)

# PATENT ASSIGNMENT MS Docket No.: 357594.01

of subject r	yan Hu ("ASSIGNOF natter ("INVENTIOI PUCING DISPLAY DE	N") disclosed an	id/or clain	ned in a patent	
	will be filed.	ASSIGNOR here	eby autho	orizes, and req	uests.
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Page 1 of 2

PATENT	ASSIGNMENT	MS Docket No.:	357594.01

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).

4777	09/24/2015
Inventor's Signature	Date
Xiaoyan Hu	到关言
Printed Name in English	Printed Name in Native Language
	(if other than English)