

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3582187

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	ALEXANDER COLL	03/31/2014
	FLORIN FOLTA	03/31/2014
	YAN KE	03/27/2014
	JINGFENG LI	03/31/2014
	VENKAT SANKEPALLY	04/01/2014
	SUBHOJIT SOM	03/27/2014
	ZE TIAN	03/27/2014
RECEIVING PARTY DATA		
Name:	MICROSOFT CORPORATION	
Street Address:	ONE MICROSOFT WAY	
City:	REDMOND	
State/Country:	WASHINGTON	
Postal Code:	98052	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	14243340	
CORRESPONDENCE DATA		
Fax Number:	(816)421-5547	
<i>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.</i>		
Phone:	816-474-6550	
Email:	lcook@shb.com	
Correspondent Name:	SHOOK, HARDY & BACON LLP (MTL)	
Address Line 1:	2555 GRAND BOULEVARD	
Address Line 2:	INTELLECTUAL PROPERTY DEPARTMENT	
Address Line 4:	KANSAS CITY, MISSOURI 64108	
ATTORNEY DOCKET NUMBER:	340972.01/MFCP.201757	
NAME OF SUBMITTER:	TAWNI L. WILHELM	
SIGNATURE:	/TAWNI L. WILHELM/	
DATE SIGNED:	10/22/2015	

PATENT

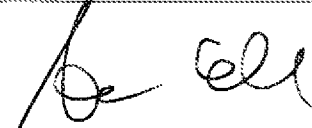
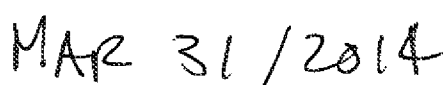
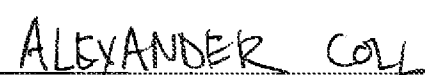
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PATENT ASSIGNMENT

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 in the INVENTION and the APPLICATION (and 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	Date
	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I FLORIN FOLTA ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a nonprovisional patent application entitled "REFERENCE RESOLUTION" ("APPLICATION"), which:

☒ will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Shook, Hardy & Bacon L.L.P., 2555 Grand Blvd., Kansas City, Missouri 64108, who are associated with customer number 45809 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on April 2, 2014 and given Application No. 14/243,340 by the following Office United States Patent & 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 _____;

Microsoft Corporation, a Washington Corporation, 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 in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));


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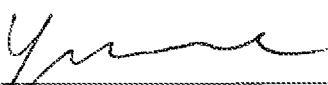
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	03/31/2014
Inventor's Signature	Date
FLORIN FOLTA	
Printed Name in English	Printed Name in Native Language (if other than English)

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 _____ Inventor's Signature	<u>3/27/2014</u> _____ Date
<u>Yan Ke</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I JINGFENG LI ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a nonprovisional patent application entitled "REFERENCE RESOLUTION" ("APPLICATION"), which:

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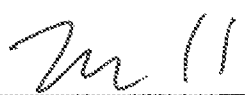

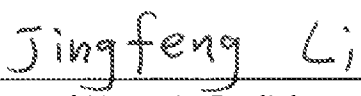
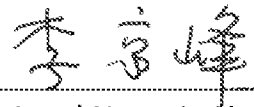
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<u>S. V. N. Reddy</u> Inventor's Signature	<u>04/01/2014</u> Date
<u>VENKAT SANKEPALLY</u> Printed Name in English	 Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I SUBHOJIT SOM ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a nonprovisional patent application entitled "REFERENCE RESOLUTION" ("APPLICATION"), which:

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<u>Subhojit Som</u>	<u>03.27.2014</u>
Inventor's Signature	Date
<u>SUBHOJIT SOM</u>	<u>সুবোজিত সোম</u>
Printed Name in English	Printed Name in Native Language (If other than English)

PATENT ASSIGNMENT

I ZE TIAN ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a nonprovisional patent application entitled "REFERENCE RESOLUTION" ("APPLICATION"), which:

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<u>Tian Ze</u>	<u>3/27/2014</u>
Inventor's Signature	Date
<u>Ze Tian</u>	<u>田泽</u>
Printed Name in English	Printed Name in Native Language (if other than English)