

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
WALTER SUN	10/27/2010
JUNAID AHMED	10/27/2010
YIPENG LI	10/27/2010
PETER BAILEY	10/27/2010
NIKHIL DANDEKAR	10/27/2010
SASI PARTHASARATHY	10/27/2010
XIN CHEN	10/27/2010
XIAO ZHANG	10/28/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MICROSOFT TECHNOLOGY LICENSING, LLC
<b>Street Address:</b>	ONE MICROSOFT WAY
<b>City:</b>	REDMOND
<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	98052
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15217433
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(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>	
<b>Phone:</b>	816-474-6550
<b>Email:</b>	ssutton@shb.com
<b>Correspondent Name:</b>	SHOOK, HARDY & BACON L.L.P.
<b>Address Line 1:</b>	2555 GRAND BLVD.
<b>Address Line 2:</b>	INTELLECTUAL PROPERTY DEPT.
<b>Address Line 4:</b>	KANSAS CITY, MISSOURI 64108
<b>ATTORNEY DOCKET NUMBER:</b>	331040.02/MFCP.256613
<b>NAME OF SUBMITTER:</b>	ELENA K. MCFARLAND
<b>SIGNATURE:</b>	/ELENA K. MCFARLAND/

PATENT

<b>DATE SIGNED:</b>	08/09/2016
<b>Total Attachments: 4</b> source=MFCP_256613_Executed_Assignment_from_Parent#page1.tif source=MFCP_256613_Executed_Assignment_from_Parent#page2.tif source=MFCP_256613_Executed_Assignment_from_Parent#page3.tif source=MFCP_256613_Executed_Assignment_from_Parent#page4.tif	

PATENT ASSIGNMENT


WE, Walter Sun, Junaid Ahmed, Yipeng Li, Peter Bailey, Nikhil Dandekar, Sasi Parthasarathy, Xin Chen, and Xiao Zhang ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "UPDATING A SEARCH INDEX USING REPORTED BROWSER HISTORY DATA" ("APPLICATION"), which:

- ☒ will be filed without this executed PATENT ASSIGNMENT. 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, to insert here in parenthesis (Application No. 12/964,092 filed 12/09/2010) this APPLICATION's Application No. and filing date, when known;
- ☐ was filed on \_\_\_\_\_ and was given Application No. \_\_\_\_\_;
- ☐ is filed concurrently herewith;

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"));

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, the 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 Name  
Walter Sun

10/27/10

Date

Walter Sun

Printed Name in Native Language

PATENT ASSIGNMENT



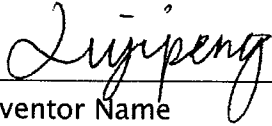
Inventor Name  
Junaid Ahmed

10/27/10

Date

JUNAID AHMED

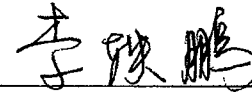
Printed Name in Native Language



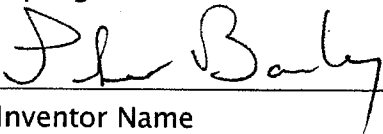
Inventor Name  
Yipeng Li

10/27/10

Date



Printed Name in Native Language



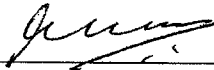
Inventor Name  
Peter Bailey

10/27/10

Date

PETER BAILEY

Printed Name in Native Language




Inventor Name  
Nikhil Dandekar

10/27/10

Date

NIKHIL DANDEKAR

Printed Name in Native Language



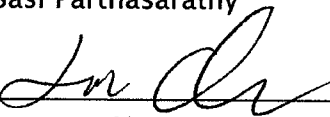
Inventor Name  
Sasi Parthasarathy

10/27/2010

Date

SASI KUMAR PARTHASARATHY

Printed Name in Native Language



Inventor Name  
Xin Chen

10/27/10

Date

XIN CHEN 陈新

Printed Name in Native Language

Inventor Name  
Xiao Zhang

Date

Printed Name in Native Language

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Inventor Name  
Walter Sun

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Date

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Printed Name in Native Language

PATENT ASSIGNMENT

Inventor Name Junaid Ahmed	Date	Printed Name in Native Language
Inventor Name Yipeng Li	Date	Printed Name in Native Language
Inventor Name Peter Bailey	Date	Printed Name in Native Language
Inventor Name Nikhil Dandekar	Date	Printed Name in Native Language
Inventor Name Sasi Parthasarathy	Date	Printed Name in Native Language
Inventor Name Xin Chen	Date	Printed Name in Native Language
<i>Xiao Zhang</i>	<i>10-28-2010</i>	<i>张晓</i>
Inventor Name Xiao Zhang	Date	Printed Name in Native Language