

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Guobin Shen</td> <td>02/05/2013</td> </tr> <tr> <td>Thomas Moscibroda</td> <td>02/05/2013</td> </tr> <tr> <td>Yongguang Zhang</td> <td>03/04/2013</td> </tr> </tbody> </table>		Name	Execution Date	Guobin Shen	02/05/2013	Thomas Moscibroda	02/05/2013	Yongguang Zhang	03/04/2013		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Microsoft Corporation</td> </tr> <tr> <td>Street Address:</td> <td>One Microsoft Way</td> </tr> <tr> <td>City:</td> <td>Redmond</td> </tr> <tr> <td>State/Country:</td> <td>WASHINGTON</td> </tr> <tr> <td>Postal Code:</td> <td>98052</td> </tr> </table>		Name:	Microsoft Corporation	Street Address:	One Microsoft Way	City:	Redmond	State/Country:	WASHINGTON	Postal Code:	98052
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number:</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 5093249256</p> <p>Email: amandas@leehayes.com</p> <p>Correspondent Name: Lee &amp; Hayes, pllc</p> <p>Address Line 1: 601 W Riverside</p> <p>Address Line 2: Suite 1400</p> <p>Address Line 4: Spokane, WASHINGTON 99201</p>											
ATTORNEY DOCKET NUMBER:	MS1-5346US										
NAME OF SUBMITTER:	Amanda Sasser										
<p>Total Attachments: 6</p> <p>source=XG9676#page1.tif</p>											

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I Guobin Shen (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled

CROWD SOURCED PATHWAY MAPS

(“APPLICATION”), which:

☒ will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE’S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE’S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on 08 March 2013 and given Application No. 13/791,508 by the following Office US – United States Patent and 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 “US – United States Patent and Trademark 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”));

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

PATENT ASSIGNMENT MS Docket No.: 337989.01

Attorney Docket No.: MS1- 5346US

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
Guobin Shen	
Printed Name in English	Printed Name in Native Language (if other than English)

I Yongguang Zhang (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled

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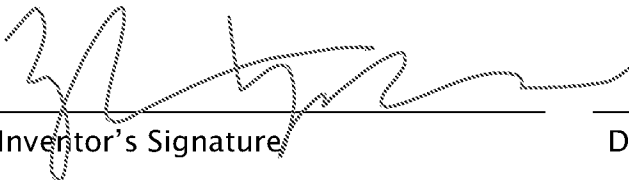
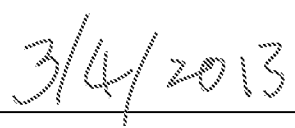
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Inventor's Signature	Date
Yongguang Zhang	
Printed Name in English	Printed Name in Native Language (if other than English)

I, Thomas Moacibroda ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled

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<u>T. Mosibroda</u>	<u>2/5/2013</u>
Inventor's Signature	Date
<u>Thomas Mosibroda</u>	
Printed Name in English	Printed Name in Native Language (if other than English)