

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>Chunshui Zhao</td> <td>10/24/2012</td> </tr> <tr> <td>Huan Ding</td> <td>01/22/2013</td> </tr> <tr> <td>Fan Li</td> <td>02/26/2013</td> </tr> <tr> <td>Jun Zhao</td> <td>01/10/2013</td> </tr> </tbody> </table>		Name	Execution Date	Chunshui Zhao	10/24/2012	Huan Ding	01/22/2013	Fan Li	02/26/2013	Jun Zhao	01/10/2013
Name	Execution Date										
Chunshui Zhao	10/24/2012										
Huan Ding	01/22/2013										
Fan Li	02/26/2013										
Jun Zhao	01/10/2013										
RECEIVING PARTY DATA											
Name:	Microsoft Corporation										
Street Address:	One Microsoft Way										
City:	Redmond										
State/Country:	WASHINGTON										
Postal Code:	98052-6399										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13781448</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13781448						
Property Type	Number										
Application Number:	13781448										
CORRESPONDENCE DATA											
Fax Number:	5093238979										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	MS1-5278US										
NAME OF SUBMITTER:	Cherri A. Simon										
Total Attachments: 8											

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

DETERMINING USER DEVICE’S STARTING LOCATION

(“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 February 28, 2013 and given Application No. 13/781,448 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

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).

	24/10/2013
_____ Inventor's Signature	_____ Date
Chunshui Zhao	_____ Printed Name in Native Language (if other than English)
_____ Printed Name in English	

I Huan Ding (“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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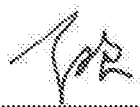

Application No.	Filing Date	Office

PATENT ASSIGNMENT MS Docket No.: 335274.01

Attorney Docket No.: MS1- 5278US

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	<u>2013.1.22</u>
Inventor's Signature	Date
Huan Ding	
Printed Name in English	Printed Name in Native Language (if other than English)

I Fan Li (“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>Fan Li</u>	<u>2013/2/26</u>
Inventor's Signature	Date
<u>Fan Li</u>	<u>李凡</u>
Printed Name in English	Printed Name in Native Language (if other than English)

I Jun Zhao ("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>Jun Zhao</u> Inventor's Signature	<u>1/16/2013</u> Date
<u>Jun Zhao</u> Printed Name in English	<u>赵俊</u> Printed Name in Native Language (if other than English)