

## 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>David Michael Callaghan</td> <td>10/16/2012</td> </tr> <tr> <td>Sergey Karamov</td> <td>10/17/2012</td> </tr> <tr> <td>Sanjib Saha</td> <td>10/12/2012</td> </tr> </tbody> </table>		Name	Execution Date	David Michael Callaghan	10/16/2012	Sergey Karamov	10/17/2012	Sanjib Saha	10/12/2012		
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David Michael Callaghan	10/16/2012										
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Sanjib Saha	10/12/2012										
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											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13656477</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13656477						
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Application Number:	13656477										
CORRESPONDENCE DATA											
Fax Number: 5035955301 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 503-595-5300 Email: valerie.sullivan@klarquist.com Correspondent Name: Robert F. Scotti/Klarquist Sparkman, LLP Address Line 1: 121 SW Salmon St., Suite 1600 Address Line 2: One World Trade Center Address Line 4: Portland, OREGON 97204											
ATTORNEY DOCKET NUMBER:	3382-89521-01										
NAME OF SUBMITTER:	Robert F. Scotti										
Total Attachments: 6 source=89521-01_Assignment#page1.tif											

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## PATENT ASSIGNMENT

I, David Michael Callaghan ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "MOBILE NAVIGATION TO A MOVING DESTINATION" ("APPLICATION"), which:

☒ will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Klarquist Sparkman, LLP, 121 SW Salmon Street, Suite 1600, Portland, OR 97204, who are associated with customer number 26119, (ASSIGNEE'S LEGAL REPRESENTATIVES) to insert here in parentheses (filed on 10/19/2012, and given Application No. 13/656,477 by the following Office: 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 "United States Patent and Trademark Office";

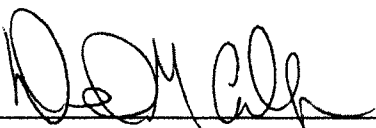
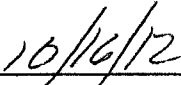
Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, 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).

	
_____ Inventor's Signature	_____ Date
_____ David Michael Callaghan Printed Name in English	_____ Printed Name in Native Language (if other than English)

## PATENT ASSIGNMENT

I, Sergey Karamov ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "MOBILE NAVIGATION TO A MOVING DESTINATION" ("APPLICATION"), which:

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 _____ Inventor's Signature	<u>10/17/12</u> _____ Date
<u>Sergey Karamov</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

## PATENT ASSIGNMENT

I, Sanjib Saha ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "MOBILE NAVIGATION TO A MOVING DESTINATION" ("APPLICATION"), which:

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<u>Sanjib Saha</u>	<u>10/12/2012</u>
Inventor's Signature	Date
<u>Sanjib Saha</u>	<u>ଅଞ୍ଜିବ ସାହା</u>
Printed Name in English	Printed Name in Native Language (if other than English)