

PATENT ASSIGNMENT COVER SHEET

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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>PAUL W. GARNETT</td> <td>10/08/2013</td> </tr> <tr> <td>AMER A. HASSAN</td> <td>10/08/2013</td> </tr> <tr> <td>PAUL W.A. MITCHELL</td> <td>10/07/2013</td> </tr> <tr> <td>JEFFREY Z. YAN</td> <td>11/12/2013</td> </tr> </tbody> </table>		Name	Execution Date	PAUL W. GARNETT	10/08/2013	AMER A. HASSAN	10/08/2013	PAUL W.A. MITCHELL	10/07/2013	JEFFREY Z. YAN	11/12/2013
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<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>14079391</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14079391						
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CORRESPONDENCE DATA											
Fax Number:	(509)252-5002										
Phone:	(509) 252-5015										
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
Correspondent Name:	PAUL W. MITCHELL										
Address Line 1:	505 WEST RIVERSIDE AVE., SUITE 440										
Address Line 4:	SPOKANE, WASHINGTON 99201										
ATTORNEY DOCKET NUMBER:	339583.01										
NAME OF SUBMITTER:	PHILLIP A. CAMERON										
Signature:	/Phillip A. Cameron/										

Date:

11/13/2013

Total Attachments: 8

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I Paul W. Garnett ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "RADIO CHANNEL UTILIZATION" ("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 November 13, 2013 and given Application No. 14/079,391 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
" _____ ",

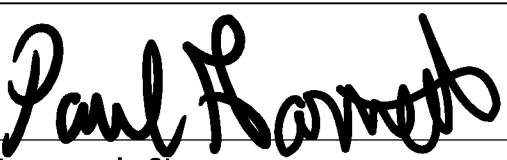
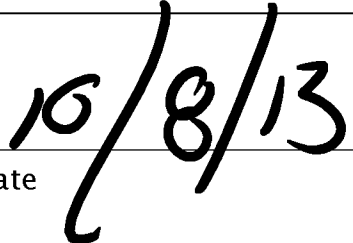
Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, 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
<u>Paul W. Garnett</u> Printed Name in English	 _____ Printed Name in Native Language (if other than English)

I Amer A. Hassan ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "RADIO CHANNEL UTILIZATION" ("APPLICATION"), which:

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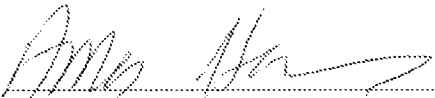
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	<u>Oct 8, 2013</u>
Inventor's Signature	Date
<u>Amer A. Hassan</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

I Paul W.A. Mitchell ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "RADIO CHANNEL UTILIZATION" ("APPLICATION"), which:

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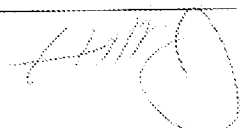
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PATENT ASSIGNMENT

MS Docket No.: 339585.01

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<u>Inventor's Signature</u> 	<u>Printed Name in English</u> Paul W.A. Mitchell
<u>Date</u> 7-10-15	<u>Printed Name in Native Language</u> (if other than English)

I Jeffrey Z. Yan ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "RADIO CHANNEL UTILIZATION" ("APPLICATION"), which:

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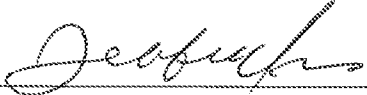
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	<u>Nov. 12, 2013</u>
Inventor's Signature	Date
<u>Jeffrey Z. Yan</u>	
Printed Name in English	Printed Name in Native Language (if other than English)