

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2666866

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>DAN HWANG</td> <td>12/18/2013</td> </tr> <tr> <td>LYNN DAI</td> <td>12/18/2013</td> </tr> <tr> <td>MUHAMMAD USMAN</td> <td>12/31/2013</td> </tr> </tbody> </table>		Name	Execution Date	DAN HWANG	12/18/2013	LYNN DAI	12/18/2013	MUHAMMAD USMAN	12/31/2013
Name	Execution Date								
DAN HWANG	12/18/2013								
LYNN DAI	12/18/2013								
MUHAMMAD USMAN	12/31/2013								
RECEIVING PARTY DATA									
Name:	MICROSOFT CORPORATION								
Street Address:	ONE MICROSOFT WAY								
City:	REDMOND								
State/Country:	WASHINGTON								
Postal Code:	98052								
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>14147085</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14147085				
Property Type	Number								
Application Number:	14147085								
CORRESPONDENCE DATA									
Fax Number:									
Phone:	425-707-9382								
Email:	stevensp@microsoft.com								
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
Correspondent Name:	MICROSOFT CORPORATION								
Address Line 1:	ONE MICROSOFT WAY								
Address Line 4:	REDMOND, WASHINGTON 98052								
NAME OF SUBMITTER:	JOHN KALNAY								
Signature:	/John Kalnay/								
Date:	01/03/2014								
Total Attachments: 6									

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source=340345-01-Assignments\_Page\_6#page1.tif

I, Dan Hwang ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Hover Angle" ("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 \_\_\_\_\_ and given Application No. \_\_\_\_\_ by the following Office \_\_\_\_\_) this APPLICATION's Application No., filing date, and Office, when known;

was filed on \_\_\_\_\_ and was given Application No \_\_\_\_\_ by the following Office " \_\_\_\_\_";

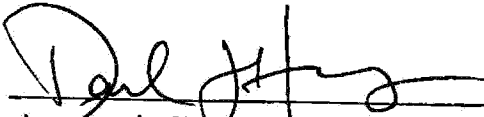
Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, 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	12-18-2013 _____ Date
<u>Dan Hwang</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I, Lynn Dai ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Hover Angle" ("APPLICATION"), which:

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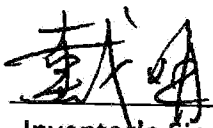

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 _____ Inventor's Signature	12/18/2013 _____ Date
<u>Lynn Dai</u> _____ Printed Name in English	 _____ Printed Name in Native Language (if other than English)

I, Muhammad Usman ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Hover Angle" ("APPLICATION"), which:

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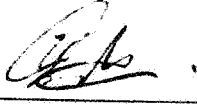
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	<u>12/31/2013</u>
Inventor's Signature	Date
<u>Muhammad Usman</u>	
Printed Name in English	Printed Name in Native Language (if other than English)