

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Yancey Christopher Smith</td> <td>09/24/2012</td> </tr> <tr> <td>Eric G. Lang</td> <td>09/27/2012</td> </tr> <tr> <td>Christian F. Huitema</td> <td>09/25/2012</td> </tr> <tr> <td>Zhengyou Zhang</td> <td>09/24/2012</td> </tr> </tbody> </table>		Name	Execution Date	Yancey Christopher Smith	09/24/2012	Eric G. Lang	09/27/2012	Christian F. Huitema	09/25/2012	Zhengyou Zhang	09/24/2012
Name	Execution Date										
Yancey Christopher Smith	09/24/2012										
Eric G. Lang	09/27/2012										
Christian F. Huitema	09/25/2012										
Zhengyou Zhang	09/24/2012										
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>13648888</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13648888						
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Application Number:	13648888										
CORRESPONDENCE DATA											
Fax Number:											
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Email:	ashley@cuttingedgepatents.com										
Correspondent Name:	Assal Meftahi										
Address Line 1:	One Microsoft Way										
Address Line 2:	Patent Group Docketing Department										
Address Line 4:	Redmond, WASHINGTON 98052										
ATTORNEY DOCKET NUMBER:	336483.01										
NAME OF SUBMITTER:	Craig S. Fischer										
Total Attachments: 8											
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I, Yancey Christopher Smith (“ASSIGNOR”), am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “CONTROLLED THREE-DIMENSIONAL COMMUNICATION ENDPOINT” (“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 October 10, 2012 and given Application No. 13/648,888 by the following Office “USPTO”) this APPLICATION’s Application No., filing date, and Office, when known;

was filed on _____ and was given Application No _____ by the following Office “ _____”;

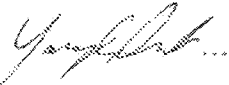
Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns (“ASSIGNEE”), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom,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

 _____	9/24/2012 _____
Inventor's Signature	Date
Yancey Christopher Smith _____	_____
Printed Name in English	Printed Name in Native Language (if other than English)

I, Eric G. Lang (“ASSIGNOR”), am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “CONTROLLED THREE-DIMENSIONAL COMMUNICATION ENDPOINT” (“APPLICATION”), which:

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	9/27/2012
Inventor's Signature	Date
Eric C. Lang	
Printed Name in English	Printed Name in Native Language (if other than English)

I, Christian F. Huitema (“ASSIGNOR”), am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “CONTROLLED THREE-DIMENSIONAL COMMUNICATION ENDPOINT” (“APPLICATION”), which:

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	<i>September 25, 2012</i>
_____ Inventor's Signature	_____ Date
Christian F. Huitema	
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I, Zhengyou Zhang (“ASSIGNOR”), am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled "CONTROLLED THREE-DIMENSIONAL COMMUNICATION ENDPOINT" (“APPLICATION”), which:

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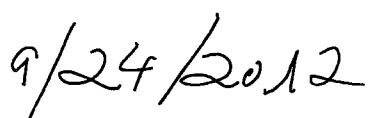
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_____ Inventor's Signature	_____ Date
<u>Zhengyou Zhang</u> Printed Name in English	<u>张正友</u> Printed Name in Native Language (if other than English)