

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Zhengyou Zhang</td> <td>09/14/2009</td> </tr> <tr> <td>Aswin Sankaranarayanan</td> <td>09/14/2009</td> </tr> <tr> <td>Qing Zhang</td> <td>09/15/2009</td> </tr> <tr> <td>Zicheng Liu</td> <td>09/14/2009</td> </tr> <tr> <td>Qin Cai</td> <td>09/14/2009</td> </tr> </tbody> </table>		Name	Execution Date	Zhengyou Zhang	09/14/2009	Aswin Sankaranarayanan	09/14/2009	Qing Zhang	09/15/2009	Zicheng Liu	09/14/2009	Qin Cai	09/14/2009
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<b>RECEIVING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">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>98052-6399</td> </tr> </table>		Name:	Microsoft Corporation	Street Address:	One Microsoft Way	City:	Redmond	State/Country:	WASHINGTON	Postal Code:	98052-6399		
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<b>PROPERTY NUMBERS Total: 1</b>													
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Application Number:	12561154												
<b>CORRESPONDENCE DATA</b>													
<p>Fax Number: (509)944-4776  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 5099444776        Email: cherri@leehayes.com        Correspondent Name: Lee &amp; Hayes, PLLC        Address Line 1: 601 W Riverside        Address Line 2: Suite 1400        Address Line 4: Spokane, WASHINGTON 99201</p>													
ATTORNEY DOCKET NUMBER:	MS1-4757US												
NAME OF SUBMITTER:	Cherri A. Simon												

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**PATENT**  
**REEL: 023588 FRAME: 0803**

Total Attachments: 10

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**PATENT ASSIGNMENT**

MS Docket No.: 327518.01  
(OC Docket No.: MS1-4757US)

WE, Zhengyou Zhang, Aswin Sankaranarayanan, Qing Zhang, Zicheng Liu, and Qin Cai ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Multi-Camera Head Pose Tracking" ("APPLICATION"), which:

☒ will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Lee & Hayes, PLLC, 601 W. Riverside Avenue, Suite 1400, Spokane, Washington 99201, who are associated with customer number 22801, to insert here in parenthesis (Application No. 12/561,154, filed 09/16/2009) this APPLICATION's Application No. and filing date, when known;


☐ was filed on \_\_ and was given Application No. \_\_;

☐ is filed concurrently herewith;

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"));

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, the 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).

 9/14/2009 张正友 Zhengyou Zhang  
Inventor's Signature Date Printed Name in Native Language

Aswin Sankaranarayanan  
Inventor's Signature Date Printed Name in Native Language

Qing Zhang  
Inventor's Signature Date Printed Name in Native Language

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Inventor's Signature	Date	Printed Name in Native Language
		Zicheng Liu

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Inventor's Signature	Date	Printed Name in Native Language
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		<u>Zhengyou Zhang</u>
Inventor's Signature	Date	Printed Name in Native Language

<u>/Aswin Sankaranarayanan/</u>	<u>09/14/2009</u>	<u>Aswin Sankaranarayanan</u>
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		<u>Qing Zhang</u>
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Aswin Sankaranarayanan  
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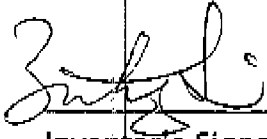
<u>Zhengyou Zhang</u>		
Inventor's Signature	Date	Printed Name in Native Language

<u>Aswin Sankaranarayanan</u>		
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<u>Qing Zhang</u>		
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Inventor's Signature

09/14/2009

Date

Zicheng Liu

Printed Name in Native Language

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