

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Christian Huitema	03/09/2009
William A.S. Buxton	03/26/2009
Jonathan E. Paff	02/25/2009
Zicheng Liu	03/05/2009
Rajesh Kutpadi Hegde	02/28/2009
Zhengyou Zhang	03/09/2009
Kori Marie Quinn	03/01/2009
Jin Li	02/25/2009
Michel Pahud	03/03/2009

**RECEIVING PARTY DATA**

Name:	Microsoft Corporation
Street Address:	One Microsoft Way
City:	Redmond
State/Country:	WASHINGTON
Postal Code:	98052

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12413782

**CORRESPONDENCE DATA**

Fax Number: (216)696-8731  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: 2166968730  
 Email: rstanford@thepatentattorneys.com  
 Correspondent Name: AMIN, TUROCY & CALVIN, LLP  
 Address Line 1: 127 Public Square  
 Address Line 2: 57th Floor, Key Tower

OP \$40.00 12413782

Address Line 4: CLEVELAND, OHIO 44114

ATTORNEY DOCKET NUMBER:

MS325841.01/MSFTP2504US

NAME OF SUBMITTER:

Himanshu S. Amin

**Total Attachments: 21**

source=Assignment#page1.tif  
source=Assignment#page2.tif  
source=Assignment#page3.tif  
source=Assignment#page4.tif  
source=Assignment#page5.tif  
source=Assignment#page6.tif  
source=Assignment#page7.tif  
source=Assignment#page8.tif  
source=Assignment#page9.tif  
source=Assignment#page10.tif  
source=Assignment#page11.tif  
source=Assignment#page12.tif  
source=Assignment#page13.tif  
source=Assignment#page14.tif  
source=Assignment#page15.tif  
source=Assignment#page16.tif  
source=Assignment#page17.tif  
source=Assignment#page18.tif  
source=Assignment#page19.tif  
source=Assignment#page20.tif  
source=Assignment#page21.tif

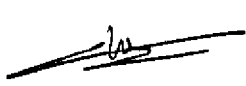
WE, CHRISTIAN HUITEMA, WILLIAM A.S. BUXTON, JONATHAN E. PAFF, ZICHENG LIU, RAJESH KUTPADI HEGDE, ZHENGYOU ZHANG, KORI M. QUINN, JIN LI, AND MICHEL PAHUD ("ASSIGNORS"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "AMBULATORY PRESENCE FEATURES" ("APPLICATION"), which:

- will be filed without this executed PATENT ASSIGNMENT. ASSIGNORS hereby authorize, and request, ASSIGNEE'S legal representatives, of Amin, Turocy & Calvin, LLP, 127 Public Square, 57th Floor, Key Tower, Cleveland, Ohio 44114, who are associated with customer number 27195, to insert here in parenthesis (Application No. 12/413,782, filed 3-30-2009) this APPLICATION's Application No. and filing date, when known;
- was filed on \_\_\_\_\_ and was given Application No. \_\_\_\_\_;
- is filed concurrently herewith;

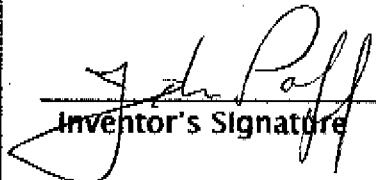
Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom,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

ASSIGNORS agree 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).

 <hr/> Inventor's Signature	<u>March 9, 2009</u> <hr/> Date
<u>CHRISTIAN HUITEMA</u> <hr/> Printed Name in English	<hr/> Printed Name in Native Language (if other than English)

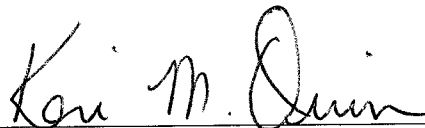
<hr/> <b>Inventor's Signature</b>	<hr/> <b>Date</b>
<hr/> <b>WILLIAM A.S. BUXTON</b>	<hr/>
<hr/> <b>Printed Name in English</b>	<hr/> <b>Printed Name in Native Language (if other than English)</b>

 <hr/> <b>Inventor's Signature</b>	<hr/> <b>Date</b> 2/25/09
<hr/> <b>JONATHAN E. PAFF</b>	<hr/>
<hr/> <b>Printed Name in English</b>	<hr/> <b>Printed Name in Native Language (if other than English)</b>

<hr/> <b>Inventor's Signature</b>	<hr/> <b>Date</b>
<hr/> <b>ZICHENG LIU</b>	<hr/>
<hr/> <b>Printed Name in English</b>	<hr/> <b>Printed Name in Native Language (if other than English)</b>

<hr/> <b>Inventor's Signature</b>	<hr/> <b>Date</b>
<hr/> <b>RAJESH KUTPADI HEGDE</b>	<hr/>
<hr/> <b>Printed Name in English</b>	<hr/> <b>Printed Name in Native Language (if other than English)</b>

_____ Inventor's Signature	_____ Date
ZHENGYOU ZHANG Printed Name in English	_____ Printed Name in Native Language (if other than English)

 _____ Inventor's Signature	3/11/2009 _____ Date
KORI M. QUINN Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
JIN LI Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
MICHEL PAHUD Printed Name in English	_____ Printed Name in Native Language (if other than English)

**PATENT ASSIGNMENT**

MS Docket No. MS325841.01  
OC Docket No. MSFTP2504US

WE, CHRISTIAN HUITEMA, WILLIAM A.S. BUXTON, JONATHAN E. PAFF, ZICHENG LIU, RAJESH KUTPADI HEGDE, ZHENGYOU ZHANG, KORI M. QUINN, JIN LI, AND MICHEL PAHUD (“ASSIGNORS”), have invented subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “AMBULATORY PRESENCE FEATURES” (“APPLICATION”), which:

will be filed without this executed PATENT ASSIGNMENT. ASSIGNORS hereby authorize, and request, ASSIGNEE’S legal representatives, of Amin, Turocy & Calvin, LLP, 127 Public Square, 57th Floor, Key Tower, Cleveland, Ohio 44114, who are associated with customer number 27195, to insert here in parenthesis (Application No. 12/413,782, filed 3-30-09) this APPLICATION’s Application No. and filing date, when known;

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

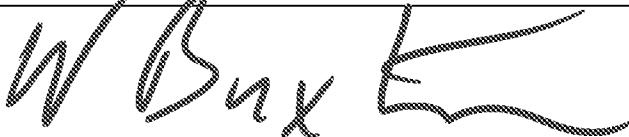
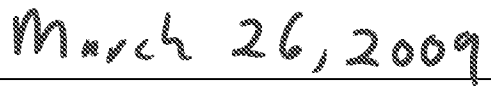
is filed concurrently herewith;

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 ASSIGNORS, the ASSIGNORS hereby sell, assign and transfer to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNORS agree 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
CHRISTIAN HUITEMA	_____
Printed Name in English	Printed Name in Native Language (if other than English)

	
_____ Inventor's Signature	_____ Date
<u>WILLIAM A.S. BUXTON</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>JONATHAN E. PAFF</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>ZICHENG LIU</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>RAJESH KUTPADI HEGDE</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>ZHENGYOU ZHANG</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>KORI M. QUINN</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>JIN LI</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>MICHEL PAHUD</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)



**PATENT ASSIGNMENT**

MS Docket No. **MS325841.01**  
OC Docket No. **MSFTP2504US**

WE, CHRISTIAN HUITEMA, WILLIAM A.S. BUXTON, JONATHAN E. PAFF, ZICHENG LIU, RAJESH KUTPADI HEGDE, ZHENGYOU ZHANG, KORI M. QUINN, JIN LI, AND MICHEL PAHUD ("ASSIGNORS"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "AMBULATORY PRESENCE FEATURES" ("APPLICATION"), which:

- will be filed without this executed PATENT ASSIGNMENT. ASSIGNORS hereby authorize, and request, ASSIGNEE'S legal representatives, of Amin, Turocy & Calvin, LLP, 127 Public Square, 57th Floor, Key Tower, Cleveland, Ohio 44114, who are associated with customer number 27195, to insert here in parenthesis (Application No. 12/413,782, filed 3-30-09) 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 ASSIGNORS, the ASSIGNORS hereby sell, assign and transfer to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNORS agree 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
CHRISTIAN HUITEMA Printed Name in English	_____ Printed Name in Native Language (if other than English)

**PATENT ASSIGNMENT**

MS Docket No. MS325841.01  
OC Docket No. MSFTP2504US

_____ Inventor's Signature	_____ Date
<u>WILLIAM A.S. BUXTON</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>JONATHAN E. PAFF</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

 _____ Inventor's Signature	<u>03-05-2009</u> _____ Date
<u>ZICHENG LIU</u> Printed Name in English	<u>刘自成</u> _____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>RAJESH KUTPADI HEGDE</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

**PATENT ASSIGNMENT**

MS Docket No. MS325841.01  
OC Docket No. MSFTP2504US

_____ Inventor's Signature	_____ Date
ZHENGYOU ZHANG Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
KORI M. QUINN Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
JIN LI Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
MICHEL PAHUD Printed Name in English	_____ Printed Name in Native Language (if other than English)

**PATENT ASSIGNMENT**

MS Docket No. **MS325841.01**  
OC Docket No. **MSFTP2504US**

WE, CHRISTIAN HUITEMA, WILLIAM A.S. BUXTON, JONATHAN E. PAFF, ZICHENG LIU, RAJESH KUTPADI HEGDE, ZHENGYOU ZHANG, KORI M. QUINN, JIN LI, AND MICHEL PAHUD (“ASSIGNORS”), have invented subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “AMBULATORY PRESENCE FEATURES” (“APPLICATION”), which:

will be filed without this executed PATENT ASSIGNMENT. ASSIGNORS hereby authorize, and request, ASSIGNEE’S legal representatives, of Amin, Turocy & Calvin, LLP, 127 Public Square, 57th Floor, Key Tower, Cleveland, Ohio 44114, who are associated with customer number 27195, to insert here in parenthesis (Application No. 12/413,782, filed 3-30-09) 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 ASSIGNORS, the ASSIGNORS hereby sell, assign and transfer to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNORS agree 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>CHRISTIAN HUITEMA</u>	_____
Printed Name in English	Printed Name in Native Language (if other than English)

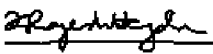
**PATENT ASSIGNMENT**

MS Docket No. **MS325841.01**  
OC Docket No. **MSFTP2504US**

_____ Inventor's Signature	_____ Date
<u>WILLIAM A.S. BUXTON</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>JONATHAN E. PAFF</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>ZICHENG LIU</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

<u></u> Inventor's Signature	<u>02/28/2009</u> Date
<u>RAJESH KUTPADI HEGDE</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>ZHENGYOU ZHANG</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>KORI M. QUINN</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>JIN LI</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>MICHEL PAHUD</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

WE, CHRISTIAN HUITEMA, WILLIAM A.S. BUXTON, JONATHAN E. PAFF, ZICHENG LIU, RAJESH KUTPADI HEGDE, ZHENGYOU ZHANG, KORI M. QUINN, JIN LI, AND MICHEL PAHUD (“ASSIGNORS”), have invented subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “AMBULATORY PRESENCE FEATURES” (“APPLICATION”), which:

will be filed without this executed PATENT ASSIGNMENT. ASSIGNORS hereby authorize, and request, ASSIGNEE’S legal representatives, of Amin, Turocy & Calvin, LLP, 127 Public Square, 57th Floor, Key Tower, Cleveland, Ohio 44114, who are associated with customer number 27195, to insert here in parenthesis (Application No. 12/413,782, filed 3-30-09) 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 ASSIGNORS, the ASSIGNORS hereby sell, assign and transfer to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNORS agree 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
CHRISTIAN HUITEMA	_____
Printed Name in English	Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>WILLIAM A.S. BUXTON</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>JONATHAN E. PAFF</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

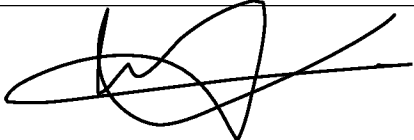

_____ Inventor's Signature	_____ Date
<u>ZICHENG LIU</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>RAJESH KUTPADI HEGDE</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)



**PATENT ASSIGNMENT**

MS Docket No. MS325841.01  
OC Docket No. MSFTP2504US

	
_____ 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)

_____ Inventor's Signature	_____ Date
<u>KORI M. QUINN</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>JIN LI</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>MICHEL PAHUD</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

WE, CHRISTIAN HUITEMA, WILLIAM A.S. BUXTON, JONATHAN E. PAFF, ZICHENG LIU, RAJESH KUTPADI HEGDE, ZHENGYOU ZHANG, KORI M. QUINN, JIN LI, AND MICHEL PAHUD (“ASSIGNORS”), have invented subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “AMBULATORY PRESENCE FEATURES” (“APPLICATION”), which:

- will be filed without this executed PATENT ASSIGNMENT. ASSIGNORS hereby authorize, and request, ASSIGNEE’S legal representatives, of Amin, Turocy & Calvin, LLP, 127 Public Square, 57th Floor, Key Tower, Cleveland, Ohio 44114, who are associated with customer number 27195, to insert here in parenthesis (Application No. 12/413,782, filed 3-30-09) 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 ASSIGNORS, the ASSIGNORS hereby sell, assign and transfer to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNORS agree 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).

<hr style="border: 0; border-top: 1px solid black; margin-bottom: 5px;"/> Inventor’s Signature	<hr style="border: 0; border-top: 1px solid black; margin-bottom: 5px;"/> Date
<hr style="border: 0; border-top: 1px solid black; margin-bottom: 5px;"/> CHRISTIAN HUITEMA	<hr style="border: 0; border-top: 1px solid black; margin-bottom: 5px;"/>
Printed Name in English	Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>WILLIAM A.S. BUXTON</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)


_____ Inventor's Signature	_____ Date
<u>JONATHAN E. PAFF</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>ZICHENG LIU</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>RAJESH KUTPADI HEGDE</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>ZHENGYOU ZHANG</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>KORI M. QUINN</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

 Inventor's Signature	<u>2/25/2009</u> Date
<u>JIN LI</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>MICHEL PAHUD</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

WE, CHRISTIAN HUITEMA, WILLIAM A.S. BUXTON, JONATHAN E. PAFF, ZICHENG LIU, RAJESH KUTPADI HEGDE, ZHENGYOU ZHANG, KORI M. QUINN, JIN LI, AND MICHEL PAHUD ("ASSIGNORS"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "AMBULATORY PRESENCE FEATURES" ("APPLICATION"), which:

- will be filed without this executed PATENT ASSIGNMENT. ASSIGNORS hereby authorize, and request, ASSIGNEE'S legal representatives, of Amin, Turocy & Calvin, LLP, 127 Public Square, 57th Floor, Key Tower, Cleveland, Ohio 44114, who are associated with customer number 27195, to insert here in parenthesis (Application No. 12/413,782, filed 3-30-09) 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 ASSIGNORS, the ASSIGNORS hereby sell, assign and transfer to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNORS agree 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
_____ CHRISTIAN HUITEMA Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>WILLIAM A.S. BUXTON</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>JONATHAN E. PAFF</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)


_____ Inventor's Signature	_____ Date
<u>ZICHENG LIU</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>RAJESH KUTPADI HEGDE</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>ZHENGYOU ZHANG</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>KORI M. QUINN</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>JIN LI</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

 _____ Inventor's Signature	<u>3/3/09</u> _____ Date
<u>MICHEL PAHUD</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)