

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT												
<b>NATURE OF CONVEYANCE:</b>	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>Ranveer Chandra</td> <td>02/04/2011</td> </tr> <tr> <td>Thomas Moscibroda</td> <td>01/25/2011</td> </tr> <tr> <td>George Nychis</td> <td>01/14/2011</td> </tr> <tr> <td>Ivan Tashev</td> <td>01/14/2011</td> </tr> <tr> <td>Paramvir Bahl</td> <td>02/28/2011</td> </tr> </tbody> </table>		Name	Execution Date	Ranveer Chandra	02/04/2011	Thomas Moscibroda	01/25/2011	George Nychis	01/14/2011	Ivan Tashev	01/14/2011	Paramvir Bahl	02/28/2011
Name	Execution Date												
Ranveer Chandra	02/04/2011												
Thomas Moscibroda	01/25/2011												
George Nychis	01/14/2011												
Ivan Tashev	01/14/2011												
Paramvir Bahl	02/28/2011												
<b>RECEIVING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>Microsoft Corporation</td> </tr> <tr> <td><b>Street Address:</b></td> <td>One Microsoft Way</td> </tr> <tr> <td><b>City:</b></td> <td>Redmond</td> </tr> <tr> <td><b>State/Country:</b></td> <td>WASHINGTON</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>98052</td> </tr> </table>		<b>Name:</b>	Microsoft Corporation	<b>Street Address:</b>	One Microsoft Way	<b>City:</b>	Redmond	<b>State/Country:</b>	WASHINGTON	<b>Postal Code:</b>	98052		
<b>Name:</b>	Microsoft Corporation												
<b>Street Address:</b>	One Microsoft Way												
<b>City:</b>	Redmond												
<b>State/Country:</b>	WASHINGTON												
<b>Postal Code:</b>	98052												
<b>PROPERTY NUMBERS Total: 1</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12962676</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12962676								
Property Type	Number												
Application Number:	12962676												
<b>CORRESPONDENCE DATA</b>													
<p>Fax Number: (425)936-7329  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 425-707-2290</p> <p>Email: dbouton@microsoft.com</p> <p>Correspondent Name: Dianne Bouton</p> <p>Address Line 1: One Microsoft Way</p> <p>Address Line 2: Patent Group Docketing Dept</p> <p>Address Line 4: Redmond, WASHINGTON 98052</p>													
<b>ATTORNEY DOCKET NUMBER:</b>	331414.01												
<b>NAME OF SUBMITTER:</b>	Jyoti Adlakha												

CH \$40.00 12962676

501453392

**PATENT**  
**REEL: 025883 FRAME: 0622**

**Total Attachments: 9**

source=331414-01-Executed-Assignment#page1.tif

source=331414-01-Executed-Assignment#page2.tif

source=331414-01-Executed-Assignment#page3.tif

source=331414-01-Executed-Assignment#page4.tif

source=331414-01-Executed-Assignment#page5.tif

source=331414-01-Executed-Assignment#page6.tif

source=331414-01-Executed-Assignment#page7.tif

source=331414-01-Executed-Assignment#page8.tif

source=331414-01-Executed-Assignment#page9.tif

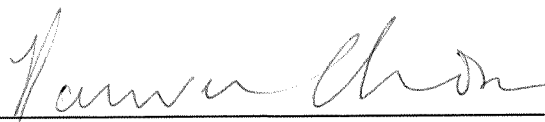
WE, Ranveer Chandra, Thomas Moscibroda, George Nychis, Ivan Tashev and Paramvir Bahl ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "COEXISTENCE OF WHITE SPACE DEVICES AND WIRELESS NARROWBAND DEVICES" ("APPLICATION"), which:

- ☐ will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, who are associated with customer number 69316, to insert here in parenthesis (Application No. \_\_\_\_\_, filed \_\_\_\_\_) this APPLICATION's Application No. and filing date, when known;
- ☒ was filed on 12/08/2010 and was given Application No. 12/962676;
- ☐ is filed concurrently herewith;

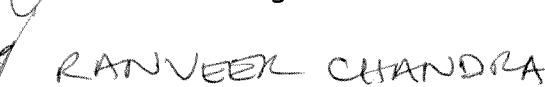
Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom,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

  
\_\_\_\_\_  
Ranveer Chandra Signature

02/04/2011  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Printed Name in English

\_\_\_\_\_  
Printed Name in Native Language (if other than English)

T. Moscibroda

Thomas Moscibroda Signature

1/25/2011

Date

\_\_\_\_\_  
Printed Name in English

\_\_\_\_\_  
Printed Name in Native Language (if other  
than English)

\_\_\_\_\_  
George Nychis Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name in English

\_\_\_\_\_  
Printed Name in Native Language (if other  
than English)

\_\_\_\_\_  
Ivan Tashev Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name in English

\_\_\_\_\_  
Printed Name in Native Language (if other  
than English)

\_\_\_\_\_  
Paramvir Bahl Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name in English

\_\_\_\_\_  
Printed Name in Native Language (if other  
than English)

WE, Ranveer Chandra, Thomas Moscibroda, George Nychis, Ivan Tashev and Paramvir Bahl ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "COEXISTENCE OF WHITE SPACE DEVICES AND WIRELESS NARROWBAND DEVICES" ("APPLICATION"), which:

- ☐ will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, who are associated with customer number 69316, to insert here in parenthesis (Application No. \_\_\_\_\_, filed \_\_\_\_\_) this APPLICATION's Application No. and filing date, when known;
- ☒ was filed on 12/08/2010 and was given Application No. 12/962676;
- ☐ 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).

---

Ranveer Chandra Signature

---

Date

Printed Name in English

Printed Name in Native Language (if other  
than English)

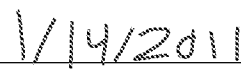
\_\_\_\_\_  
Thomas Moscibroda Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name in English

\_\_\_\_\_  
Printed Name in Native Language (if other  
than English)

  
\_\_\_\_\_  
George Nychis Signature

  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Printed Name in English

\_\_\_\_\_  
Printed Name in Native Language (if other  
than English)

\_\_\_\_\_  
Ivan Tashev Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name in English

\_\_\_\_\_  
Printed Name in Native Language (if other  
than English)

\_\_\_\_\_  
Paramvir Bahl Signature

\_\_\_\_\_  
Date

Printed Name in English

Printed Name in Native Language (if other  
than English)

WE, Ranveer Chandra, Thomas Moscibroda, George Nychis, Ivan Tashev and Paramvir Bahl ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "COEXISTENCE OF WHITE SPACE DEVICES AND WIRELESS NARROWBAND DEVICES" ("APPLICATION"), which:

- ☐ will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, who are associated with customer number 69316, to insert here in parenthesis (Application No. \_\_\_\_\_, filed \_\_\_\_\_) this APPLICATION's Application No. and filing date, when known;
- ☒ was filed on 12/08/2010 and was given Application No. 12/962676;
- ☐ 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).

---

Ranveer Chandra Signature

---

Date

---

Printed Name in English

---

Printed Name in Native Language (if other than English)



\_\_\_\_\_  
Thomas Moscibroda Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name in English

\_\_\_\_\_  
Printed Name in Native Language (if other  
than English)

\_\_\_\_\_  
George Nychis Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name in English

\_\_\_\_\_  
Printed Name in Native Language (if other  
than English)

\_\_\_\_\_  


\_\_\_\_\_  
Ivan Tashev Signature

\_\_\_\_\_  
11/14/2011

\_\_\_\_\_  
Date

\_\_\_\_\_  
IVAN TASHEV

\_\_\_\_\_  
Printed Name in English

\_\_\_\_\_  
Printed Name in Native Language (if other  
than English)

\_\_\_\_\_  
Paramvir Bahl Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name in English

\_\_\_\_\_  
Printed Name in Native Language (if other  
than English)

WE, Ranveer Chandra, Thomas Moscibroda, George Nychis, Ivan Tashev and Paramvir Bahl ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "COEXISTENCE OF WHITE SPACE DEVICES AND WIRELESS NARROWBAND DEVICES" ("APPLICATION"), which:

- ☐ will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, who are associated with customer number 69316, to insert here in parenthesis (Application No. \_\_\_\_\_, filed \_\_\_\_\_) this APPLICATION's Application No. and filing date, when known;
- ☒ was filed on 12/08/2010 and was given Application No. 12/962676;
- ☐ 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).

---

Ranveer Chandra Signature

---

Date

---

Printed Name in English

---

Printed Name in Native Language (if other than English)

\_\_\_\_\_  
Thomas Moscibroda Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name in English

\_\_\_\_\_  
Printed Name in Native Language (if other  
than English)

\_\_\_\_\_  
George Nychis Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name in English

\_\_\_\_\_  
Printed Name in Native Language (if other  
than English)

\_\_\_\_\_  
Ivan Tashev Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name in English

\_\_\_\_\_  
Printed Name in Native Language (if other  
than English)

  
\_\_\_\_\_  
Paramvir Bahl Signature

\_\_\_\_\_  
February 28, 2011

\_\_\_\_\_  
Date

\_\_\_\_\_  
PARAMVIR BAHL

\_\_\_\_\_  
Printed Name in English

\_\_\_\_\_  
Printed Name in Native Language (if other  
than English)