Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

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

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:	12962676

CORRESPONDENCE DATA

Fax Number: (425)936-7329

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Email: dbouton@microsoft.com

Correspondent Name: Dianne Bouton Address Line 1: One Microsoft Way

Address Line 2: Patent Group Docketing Dept Address Line 4: Redmond, WASHINGTON 98052

ATTORNEY DOCKET NUMBER: 331414.01

NAME OF SUBMITTER: Jyoti Adlakha

PATENT

REEL: 025883 FRAME: 0622

501453392

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

PATENT REEL: 025883 FRAME: 0623

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	
Name Chandra Signature	

Page 1 of 2

than English)

Printed Name in English

Printed Name in Native Language (if other

MS Docket No.: <u>331414.01</u>

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)

MS Docket No.: 331414.01

PATENT ASSIGNMENT MS Docket No.: 331414.01

WE, Ranv	eer Chandra, Thomas Moscibroda, George Nychis, Ivan Tashev and			
Paramvir Bahl ('	'ASSIGNOR"), have invented subject matter ("INVENTION") disclosed			
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DEVICES AND W	/IRELESS NARROWBAND DEVICES" ("APPLICATION"), which:			
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	filing date, when known;			
×	was filed on 12/08/2010 and was given Application No.			
	<u>12/962676</u> ;			
	is filed concurrently herewith;			
Misussef	it Composition of Washington Composition on hability of itself and its			
	t Corporation, a Washington Corporation, on behalf of itself and its			
	assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the			
	usive rights, title and interest in the INVENTION and the APPLICATION			
	pplications and patents derived therefrom, such as continuing			
	and for the United States, its territories, and all foreign countries			
	DERIVATIVES"));			
_	d and valuable consideration, the receipt of which is hereby			
_	by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to			
	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				
			_	ding letters patent derived therefrom, and for the purpose of protecting
			and perfecting	title to the APPLICATION (and APPLICATION DERIVATIVES).
Ranveer Chan	dra Signature Date			

PATENT ASSIGNMENT MS Docket No.: 331414.01

Printed Name in English	Printed Name in Native Language (if other than English)
TI N I I C	
Thomas Moscibroda Signature	Date
Printed Name in English	Printed Name in Native Language (if other than English)
Deorge Nyskis	1/14/2011
George Mychis	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)

MS Docket No.: <u>331414.01</u>

Page 3 of 3

Printed Name	in English	Printed Name in Native Language (if other
Ranveer Char	idra Signature	Date
successors and entire and excle (and all other a applications, in ("APPLICATION For good acknowledged the ASSIGNEE, the APPLICATION ASSIGNOMAKING and prolitigation regar	assigns ("ASSIGNEE"), is enusive rights, title and interespolications and patents dereand for the United States, DERIVATIVES")); dand valuable consideration by the ASSIGNOR, the ASSIGNOR and APPLICATION DERIVOR agrees to execute all instances cution of the APPLICATION ding letters patent derived	in Corporation, on behalf of itself and its titled to, and is desirous of acquiring, the est in the INVENTION and the APPLICATION eived therefrom, such as continuing its territories, and all foreign countries in, the receipt of which is hereby and transfers to hts, title and interest in the INVENTION and ATIVES); truments and documents required for the DN (and APPLICATION DERIVATIVES), for therefrom, and for the purpose of protecting and APPLICATION DERIVATIVES).
Minung	ft Cornoration a Machinet	n Corneration on habits of itself and its
x	filing date, when known; was filed on 12/08/2010 a is filed concurrently herew	and was given Application No. 12/962676; rith;
	hereby authorizes, and rec the Law and Corporate Aff Microsoft Way, Redmond, customer number 69316, , filed	xecuted PATENT ASSIGNMENT. ASSIGNOR quests, ASSIGNEE'S legal representatives, of fairs Department, Microsoft Corporation, One Washington 98052, who are associated with to insert here in parenthesis (Application No) this APPLICATION's Application No. and
Paramvir Bahl (and/or claimed	"ASSIGNOR"), have invented in a patent application ent	cibroda, George Nychis, Ivan Tashev and subject matter ("INVENTION") disclosed itled "COEXISTENCE OF WHITE SPACE VICES" ("APPLICATION"), which:

Page 1 of 2

than English)

MS Docket No.: 331414.01

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)
Wellowe	1/14/2011
Ivan Tashev Signature LUAW TASHEV	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 <u>12/08/2010</u> and was given Application No. <u>12/962676</u>; 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

Page 1 of 2

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Printed Name in English

Printed Name in Native Language (if other

MS Docket No.: 331414.01

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)
Poromi Roll	
	February 28, 2011
Paramvir Bahl Signature	Date
PARAMVIR BAHL	
Printed Name in English	Printed Name in Native Language (if other than English)

Page 2 of 2

RECORDED: 03/02/2011