OMB No. 0651-0027 (exp. 6/30/2008)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office		
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1. Name of conveying party(ies) Bozidar Radunovic 03/12/2009	2. Name and address of receiving party(ies) Name: Microsoft Corporation		
Nikhil Singh 03/12/2009	Internal Address:		
Dinan Srilal Gunawardena 03/12/2009 Additional name(s) of conveying party(ies) attached? ✓ Yes No			
3. Nature of conveyance/Execution Date(s): Execution Date(s) Listed in Box 1 above. ✓ Assignment	Street Address: One Microsoft Way City: Redmond		
☐ Joint Research Agreement☐ Government Interest Assignment	State: WA		
Executive Order 9424, Confirmatory License Other	Country: Zip: 98052-6399 Additional name(s) & address(es) attached? Yes V No		
A. Patent Application No.(s) 12/404,494 filed 3/16/2009	document is being filed together with a new application. B. Patent No.(s) B. Patent No.(s)		
Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1		
Name: Lee & Hayes, PLLC	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00		
Internal Address:	Authorized to be charged by credit card Authorized to be charged to deposit account		
Street Address: 601 W Riverside Ave Ste 1400	Enclosed None required (government interest not affecting title)		
City: Spokane	8. Payment Information		
State: WA Zip: 99201	a. Credit Card Last 4 Numbers 1091 Expiration Date 06/11		
Phone Number: <u>509-324-9256</u>	b. Deposit Account Number		
Fax Number: 509-323-8979	Authorized User Name		
Email Address:			
9. Signature: Signature	Mach 17,2009 Date		
Lewis C. Lee Reg # Name of Person Signing			

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Recordation Form Cover Sheet Additional Pages

MS6 - 0165US

Patent Application No

Patent No.

12/404,494

filed

3/16/2009

Name of Conveying Parties Execution Date

Alexandre Proutiere

03/12/2009

Peter Bernard Key

03/12/2009

PATENT REEL: 022417 FRAME: 0104 Received 03/12/2009 04:07PM in 01:46 on line (2) for GENERALOFFICE * Pg 2/3 12/03 '09 17:11 FAX 01223 479999 MICROSOFT RESEARCH LTD

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PATENT	ASSIC	NM	CNT
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MS Docket No.: 326228.01 (OC Docket No.:)

WE, Božidar Radunović, Nikhil Singh, Dinan Srilal Gunawardena, Alexandre Proutiere and Peter Bernard Key ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "FULL-DUPLEX WIRELESS COMMUNICATIONS" ("APPLICATION"), which:

\boxtimes	will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR
	hereby authorizes, and requests, ASSICNEE'S legal representatives, of
	Lee & Hayes, PLLC, 601 West Riverside Avenue, Suite 1400, Spokane,
	Washington 99201, who are associated with customer number $\mu q c$
	Washington 99201, who are associated with customer number 490 22801, to Insert here in parenthesis (Application No. 2490 filed.
	3/16/2001) this APPLICATION's Application No. and filing date,
	when known;
	was filed on and was given U.S. Serial No;
	is filed concurrently herewith;
	resets Corporation a Washington Corporation on behalf of itself and

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).

Inventor's Signature	Date	Printed Name in Native Languag
		Nikhil Singh
Inventor's Signature	Date	Printed Name in Native Languag
blognis	12/3/09	Božidar Radunović

Page 1 of 2

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₫ 003

PATENT ASSIGNMENT

MS Docket No.: 326228.01 (OC Docket No.:)

D.J. Cum 12 - MARCH - 2009 Dinan Stilal Gunawardena
Inventor's Signature Date Printed Name in Native Language

A. P. 12 - Mach - 1003 . Alexandre Proutiere
Inventor's Signature Date Printed Name in Native Language

(Mou 09 Peter Bernard Key
Inventor's Signature Date Printed Name in Native Language

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PAGE 02

	PATENT ASSIGNME	ENT MS Docket No.: 326228.0 (OC Docket No.:	,01 (
Alexandre Proutiere and Peter ("INVENTION") disclosed and/o WIRELESS COMMUNICATIONS" will be filed hereby author Lee & Hayes. Washington 22801, to in 3/10/20 when known was filed on is filed conce Microsoft Corpo Its successors and assigns ("A entire and exclusive rights, tile (and all other applications and applications, in and for the U ("APPLICATION DERIVATIVES") For good and value acknowledged by the ASSIGN the ASSIGNEE, the entire and the APPLICATION (and APPLICATION) ASSIGNOR agree	Bernard Key ("ASSIGN or claimed in a patent ("APPLICATION"), white without this executed orizes, and requests, PLLC, 601 West Rive 99201, who are associated here in parenthe and was gitterently herewith; ration, a Washington (SSIGNEE"), is entitled the and interest in the dipatents derived their inted States, its territor, in the ASSIGNOR he exclusive rights, title (ATION DERIVATIVES) as to execute all instruction derived therefore the APPLICATION (Statent derived therefore)	ASSIGNEE'S legal representatives, of assignee's legal representatives, of assigned Avenue, Suite 1400, Spokane, oblated with customer number assis (Application No. Application No. Application No. and filling date, only a polication No. and filling date, given U.S. Serial No; Corporation, on behalf of itself and it to, and is desirous of acquiring, the INVENTION and the APPLICATION erefrom, such as continuing cories, and all foreign countries and interest in the INVENTION and it is hereby areby sells, assigns and transfers to a and interest in the INVENTION and it is an	R of one, or of the or of
		Božidar Radunović	
Inventor's Signature	Date	Printed Name In Native Langua	age
Millidad	12 March 2009 Date	Nikhii Singh Printed Name In Native Langua	age
Inventor's Signature	Uale	(Elifeten Lamerican bir Lamera am anger Change	

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PATENT ASSIGNMENT

MS Docket No.: 326228.01 (OC Docket No.:)

		Dinan Srilal Gunawardena
Inventor's Signature	Date	Printed Name in Native Language
		Alexandre Proutiere
Inventor's Signature	Date	Printed Name in Native Language
		Peter Bernard Key
Inventor's Signature	Date	Printed Name in Native Language

Page 2 of 2

PATENT REEL: 022417 FRAME: 0108

RECORDED: 03/17/2009