501769578 12/28/2011

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Anatoliy Panasyuk	11/10/2009
Dharshan Rangegowda	11/10/2009
Ram Viswanathan	11/10/2009
Anthony S. Chavez	11/10/2009
Jiazhen Chen	11/10/2009
Morgan Brown	11/10/2009
Geoffrey H. Outhred	11/10/2009
Hasan S. Alkhatib	11/13/2009

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:	12616800

CORRESPONDENCE DATA

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Email: vffiling@microsoft.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Assal Meftahi Address Line 1: One Microsoft Way

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

PATENT REEL: 027449 FRAME: 0292 501769578

ATTORNEY DOCKET NUMBER:	328028.01
NAME OF SUBMITTER:	Harendra Rana
Total Attachments: 9 source=328028-01-Executed-Assignment#page2.tif source=328028-01-Executed-Assignment#page3.tif source=328028-01-Executed-Assignment#page4.tif source=328028-01-Executed-Assignment#page5.tif source=328028-01-Executed-Assignment#page6.tif source=328028-01-Executed-Assignment#page7.tif source=328028-01-Executed-Assignment#page8.tif source=328028-01-Executed-Assignment#page8.tif source=328028-01-Executed-Assignment#page8.tif source=328028-01-Executed-Assignment#page9.tif	

PATENT REEL: 027449 FRAME: 0293

WE, Anatoliy Panasyuk, Dharshan Rangegowda, Ram Viswanathan, Anthony S. Chavez, Jiazhen Chen, Morgan Brown, Hasan S. Alkhatib and Geoffrey H. Outhred ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "MODEL-BASED VIRTUAL NETWORKING" ("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: x was filed on 11/12/2009 and was given Application No. 12/616,800 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). Anatoliy Panasyuk Signature Date

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Printed Name in Native Language (if other

Shares	11/20/09
Dharshan Rangegowda Signature	Date
DHARSHAN KANGEGOWDA	
Printed Name in English	Printed Name in Native Language (if other than English)
V Ramarl	11 10 09
Ram Viswanathan Signature	Date
RAM VISWANATHAN	
Printed Name in English	Printed Name in Native Language (if other than English)
Anthony & Chavez Signature	11/10/09 Date
Anthony S. Chavet	
Printed Name in English	Printed Name in Native Language (if other than English)
	11/10/2009
Jiazhen Chen Signature	Date
Jason Chen	で東家村
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: <u>328028.01</u>

My long	11/10/2009
Morgan Brown Signature	Date
Morgan Brown	
Printed Name in English	Printed Name in Native Language (if other than English)
Hasan S. Alkhatib Signature	Date
Printed Name in English	Printed Name in Native Language (if other than English)
Geoffrey H. Outhred Signature	Date
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT MS Docket No.: 328028.01

Chayez, Jiazhen ("ASSIGNOR"), h	Chen, Morgan Brown, ave invented subject n	an Rangegowda, Ram Viswanathan, Anthony S., Hasan S. Alkhatib and Geoffrey H. Outhred natter ("INVENTION") disclosed and/or claimed in BASED VIRTUAL NETWORKING" ("APPLICATION"),
	hereby authorizes, and the Law and Corporat Microsoft Way, Redmocustomer number 69:	and was given Application No. 12/616,800
successors and entire and exclusion all other all applications, in For good acknowledged I the ASSIGNEE, the APPLICATION ASSIGNO making and prolitigation regard	assigns ("ASSIGNEE"), usive rights, title and is pplications and patent and for the United State ("ASSIGNEE")); I and valuable considery the ASSIGNOR, the whole and APPLICATION Is agrees to execute all secution of the APPLICATION Is agrees to patent derive patent derives a secution of the APPLICATION Is agrees to patent derives a secution of the APPLICATION Is agreed to execute and the APPLICATION Is agreed to execute and the APPLICATION Is agreed to execute and the APPLICATION Is agreed that the agreed that agreed the agreed that agreed the agreed that agreed the agreed that	ngton Corporation, on behalf of itself and its is entitled to, and is desirous of acquiring, the interest in the INVENTION and the APPLICATION is derived therefrom, such as continuing ites, its territories, and all foreign countries ration, the receipt of which is hereby ASSIGNOR hereby sells, assigns and transfers to erights, title and interest in the INVENTION and DERIVATIVES); It instruments and documents required for the CATION (and APPLICATION DERIVATIVES), for lived therefrom, and for the purpose of protecting DN (and APPLICATION DERIVATIVES).
Anatoliy Pana	syuk Signature	Date

Page 1 of 3

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Printed Name in English

Printed Name in Native Language (if other

Dharshan Rangegowda Signature	Date
Printed Name in English	Printed Name in Native Language (if other than English)
Ram Viswanathan Signature	Date
Printed Name in English	Printed Name in Native Language (if other than English)
Anthony S. Chavez Signature	Date
Printed Name in English	Printed Name in Native Language (if other than English)
Jiazhen Chen Signature	Date
Printed Name in English	Printed Name in Native Language (if other than English)

Page 2 of 3

MS Docket No.: <u>328028.01</u>

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Morgan Brown Signature	Date
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Hasan S. Alkhatib Signature	Date
Printed Name in English	Printed Name in Native Language (if other than English)
LOSALL	U/10/2009
Geoffrey H. Outhred Signature	Date
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Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT MS Docket No.: 328028.01

Chayez, Jiazher ("ASSICNOR"), h	n Chen, Morgan Brown, Ha nave invented subject mat	Rangegowda, Ram Viswanathan, Anthony S. Isan S. Alkhatib and Geoffrey H. Outhred ter ("INVENTION") disclosed and/or claimed in SED VIRTUAL NETWORKING" ("APPLICATION"),
X _	hereby authorizes, and of the Law and Corporate A Microsoft Way, Redmond customer number 69316 , filed filing date, when known;	and was given Application No. 12/616,800
successors and entire and excligand all other a applications, in For good acknowledged the ASSIGNEE, the APPLICATION ASSIGNC making and prolitigation regard	assigns ("ASSIGNEE"), is e usive rights, title and inte pplications and patents d and for the United States DERIVATIVES")); I and valuable considerati by the ASSIGNOR, the ASS the entire and exclusive ri DN (and APPLICATION DER DR agrees to execute all in osecution of the APPLICAT ding letters patent derived	ton Corporation, on behalf of itself and its entitled to, and is desirous of acquiring, the rest in the INVENTION and the APPLICATION erived therefrom, such as continuing in its territories, and all foreign countries on, the receipt of which is hereby selfs, assigns and transfers to ghts, title and interest in the INVENTION and IVATIVES); astruments and documents required for the FION (and APPLICATION DERIVATIVES), for d therefrom, and for the purpose of protecting (and APPLICATION DERIVATIVES).
Anatoliy Pana	syuk Signature	Date

Page 1 of 3

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Printed Name in Native Language (if other

Printed Name in English

Dharshan Rangegowda Signature	Date
Printed Name in English	Printed Name in Native Language (if other than English)
Ram Viswanathan Signature	Date
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Anthony S. Chavez Signature	Date
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Jiazhen Chen Signature	Date
Printed Name in English	Printed Name in Native Language (if other than English)

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PATENT ASSIGNMENT MS Docket No.: 328028.01

Morgan Brown Signature	Date
Printed Name in English	Printed Name in Native Language (if other than English)
Hasany, W. Kott	11/13/2009
Hasan S. Alkhatib Signature	Date
Hasan J. Alkhatib	حن الخطيب
Printed Name in English	Printed Name In Native Language (if other than English)
Geoffrey H. Outhred Signature	Date
Printed Name in English	Printed Name in Native Language (if other