PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3112612

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LUYUAN FANG	09/16/2014
JEFF COX	11/18/2014
NASSER ELAAWAR	09/22/2014
EDET NKPOSONG	11/04/2014
GARY RATTERREE	09/17/2014
DARREN LOHER	11/04/2014
FABIO CHIUSSI	09/10/2014

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:	14488018

CORRESPONDENCE DATA

Fax Number: (425)401-5199

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 2065698198 Email: jim@liangip.com **Correspondent Name: CHEN LIANG**

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ATTORNEY DOCKET NUMBER:	355732.01
NAME OF SUBMITTER:	CHEN LIANG
SIGNATURE:	/Chen Liang/
DATE SIGNED:	11/18/2014

Total Attachments: 14

PATENT REEL: 034198 FRAME: 0666

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PATENT REEL: 034198 FRAME: 0667

PATENT ASSIGNMENT MS Docket No.: 355732.01 I Luyuan Fang ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "METHOD FOR END POINT IDENTIFICATION IN COMPUTER NETWORKS" ("APPLICATION"), which: will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on ____ and given Application No. bv the following Office _______ this APPLICATION's Application No., filing date, and Office, when known: was filed on September 16, 2014 and was given Application No 14/488.018 by the following Office " USPTO 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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"); ASSIGNOR hereby authorizes. and requests. ASSIGNEE'S LECAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known; Application No. Filing Date Office

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, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION")

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).

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Inventor's Signature	Dare
Luyuan Fang	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 355732.01

	PATENT	ASSIGNMENT	MS Docket No.: 355732.01
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successors an entire and ex INVENTION ar therefrom, such	d assigns ("ASSK clusive rights, ti nd the APPLICAT th as continuing	GNEE"), is entitled to, ar tle and interest, includi FION (and all other ap	ion, on behalf of itself and its nd its desirous of acquiring, the ng the right of priority, in the plications and patents derived or in part, in and for the United ATION DERIVATIVES");
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Application No	3 .	Filing Date	Office

Page 1 of 2

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, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"):

MS Docket No.: 355732.01

Hyphtor's signature Jeff Cox	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT MS Docket No.: 355732.01 I <u>Nasser Elaawar</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "METHOD FOR END POINT IDENTIFICATION IN COMPUTER NETWORKS" ("APPLICATION"), which: 山 will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on ______ and given Application No. by the following Office _____ Application No., filing date, and Office, when known; was filed on September 16, 2014 and was given Application No 14/488.018 by the following Office " USPTO 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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"); ASSIGNOR hereby authorizes. and requests. ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known; Application No. Filing Date Office

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	725004	9/22/2014
	Inventor's Signature	Date
	Nasser Elaawar	MASSER ELAAWAR
	Printed Name in English	Printed Name in Native Language
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MS Docket No.: 355732.01

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successors and assigns ("A entire and exclusive rights INVENTION and the APPLI	SSIGNEE"), is entitled to s, title and interest, ind ICATION (and all other ling applications, in wh	oration, on behalf of itself and it on and is desirous of acquiring, the cluding the right of priority, in the applications and patents derived one or in part, in and for the United PLICATION DERIVATIVES.	he he ed
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MS Docket No.: 355732.01

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	Inventor's Signature	Date
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***************************************	Printed Name in English	Printed Name in Native Language
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	PATENT	ASSIGNMENT	MS Docket No.: 355732.01
inventor of application	subject matter	("INVENTION") disclosed D FOR END POINT II	nal inventor or an original join and/or claimed in a paten DENTIFICATION IN COMPUTE
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REPRESENTA	TIVES to insert t		quests, ASSIGNEE'S LEGAI ng date, and Office into the they are known:
Application N		Filing Date	Office

MS Docket No.: <u>355732.01</u>

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, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"):

Day Rostovice	9/17/2014		
Inventor's Signature	Date		
Gary Ratterree			
Printed Name in English	Printed Name in Native Language		
	(if other than English)		

PATENT ASSIGNMENT MS Docket No.: 355732.01 I Darren Loher ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "METHOD FOR END POINT IDENTIFICATION IN COMPUTER NETWORKS" ("APPLICATION"), which: will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on ______ and given the following Application No. bγ Office Application No., filing date, and Office, when known; W was filed on September 16, 2014 and was given Application No 14/488.018 by the following Office " USPTO

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DAdohu	//-4-2014
Inventor's Signature	Date
Darren Loher	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 355732.01

	PATENT ASSIC	NMENT	MS Docket N	To.: <u>355732.01</u>
inventor of application	oio Chiussi ("ASSIGN subject matter ("INVEN entitled " <u>METHOD FOI</u> ("APPLICATION"), which:	NTION") disclosed a	and/or claime	ed in a patent
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Heh Omi	9/10/14	
Inventor's Signature	Date	
Fabio Chiussi		
Printed Name in English	Printed Name in Native Language (if other than English)	