504400517 06/06/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4447214

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNOR INFORMATION previously recorded on Reel 039568 Frame 0666. Assignor(s) hereby confirms the ASSIGNOR BALASUBRAMANIAN, PRAVEEN SHOULD BE ADDED

CONVEYING PARTY DATA

Name	Execution Date
HOSSAM FATTAH	08/15/2016
PRAVEEN BALASUBRAMANIAN	08/17/2016

RECEIVING PARTY DATA

Name:	MICROSOFT TECHNOLOGY LICENSING, LLC		
Street Address:	ONE MICROSOFT WAY		
City:	REDMOND		
State/Country:	WASHINGTON		
Postal Code:	98052		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15239651

CORRESPONDENCE DATA

Fax Number:

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: 2028576000

Email: patentdocket@arentfox.com

Correspondent Name: ARENT FOX LLP
Address Line 1: 1717 K STREET NW

Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	037834.00012/360532.02
NAME OF SUBMITTER:	XANIA STEELE
SIGNATURE:	/Xania Steele/
DATE SIGNED:	06/06/2017

Total Attachments: 6

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PATENT 504400517 REEL: 042703 FRAME: 0786

source=360532-02_Assignment_As_Filed-Aug-29-2016#page4.tif source=360532-02_Corrected-Cover-Sheet_As_Filed_June-6-2017#page1.tif source=360532-02_Corrected-Notice-of-Recordation_As_Filed_June-6-2017#page1.tif

> PATENT REEL: 042703 FRAME: 0787

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4028680

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HOSSAM FATTAH	08/15/2016
PRAVEEN BALASUBRAMANIAN	08/17/2016

RECEIVING PARTY DATA

Name:	MICROSOFT TECHNOLOGY LICENSING, LLC
Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15239651

CORRESPONDENCE DATA

Fax Number:

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Phone: 2028576000

Email: patentdocket@arentfox.com

Correspondent Name: ARENT FOX LLP
Address Line 1: 1717 K STREET NW

Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	037834.00012
NAME OF SUBMITTER:	JASJIT VIDWAN
SIGNATURE:	/Jasjit Vidwan/
DATE SIGNED:	08/29/2016

Total Attachments: 4

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> PATENT REEL: 042703 FRAME: 0788

PATENT ASSIGNMENT

	PATENT	ASSIGNMENT	MS Docket No.: <u>360532.02</u>
inventor of	subject matter	("INVENTION") disclosed	inventor or an original joint and/or claimed in a patent CP TRAFFIC" ("APPLICATION"),
	ASSIGNEE'S legal LLC, One Microso LEGAL REPRESENT the following Of	ASSIGNOR hereby auth representative, Microsoft ft Way, Redmond, Washing FATIVES), to insert here in and given Application fice US – United States CATION's Application No.,	Technology Licensing, gton 98052 (ASSIGNEE'S n parentheses (filed on No by Patent and Trademark
		and was given by the following Office";	Application No
behalf of its desirous of a right of prion patents deriv	self and its succe acquiring, the enti rity, in the INVENTI red therefrom, suc ited States, its	ssors and assigns ("ASSIO re and exclusive rights, ti ON and the APPLICATION h as continuing applicatio	n limited liability company, on GNEE"), is entitled to, and is tle and interest, including the (and all other applications and ns, in whole or in part, in and gn countries ("APPLICATION
	TIVES to insert t	•	uests, ASSIGNEE'S LEGAL g date, and Office into the ney are known;
Application N		Filing Date	Office

Page 1 of 2

PATENT.	ASSIGNMENT	MS Docket No.:	360532.02

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")):

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	Aug, 15th, 2016 Date	
Hossam FATTAH		
Printed Name in English	Printed Name in Native Language	
	(if other than English)	

	PATENT	ASSIGNMENT	MS Docket No.: <u>360532.02</u>
original join	t inventor of subjection	ect matter ("INVENTION")	the original inventor or ar disclosed and/or claimed in a PIRING NON-TCP TRAFFIC
	ASSIGNEE'S legal LLC, One Microso LEGAL REPRESENT the following Of	ASSIGNOR hereby authorepresentative, Microsoft ft Way, Redmond, Washing (ATIVES), to insert here is and given Application fice US – United States (CATION's Application No.	t Technology Licensing, gton 98052 (ASSIGNEE'S n parentheses (filed on No by Patent and Trademark
		and was given by the following Office	Application No
behalf of its desirous of a right of prior patents deriv	self and its succe acquiring, the enti rity, in the INVENTI yed therefrom, suc ited States, its	ssors and assigns ("ASSI re and exclusive rights, t ON and the APPLICATION h as continuing application	on limited liability company, or GNEE"), is entitled to, and is itle and interest, including the (and all other applications and ons, in whole or in part, in and ign countries ("APPLICATION
	TIVES to insert t	•	uests, ASSIGNEE'S LEGAL g date, and Office into the hey are known;
Application N		Filing Date	Office

Page 1 of 2

PATENT.	ASSIGNMENT	MS Docket No.:	<u>360532.02</u>

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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).

June 1	08/17/2016
Inventor's Signature	Date
Praveen BALASUBRAMANIAN	
Printed Name in English	Printed Name in Native Language (if other than English)