504430796 06/26/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARTIN JON IRWIN FULLER	06/08/2017
IVAN NEVRAEV	06/12/2017

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:	15626679

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: USDocket@microsoft.com

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

Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	037834.00077/401528-US-NP
NAME OF SUBMITTER:	VENKAT MUMMALANENI
SIGNATURE:	/VENKAT MUMMALANENI/
DATE SIGNED:	06/26/2017

Total Attachments: 4

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PATENT 504430796 REEL: 042815 FRAME: 0056

PATENT ASSIGNMENT

	PATENT ASSIGNMENT	MS Docket No.:	401528-US-NP
joint inventor of su	Irwin FULLER ("ASSIGNOR") a bject matter ("INVENTION") d " <u>BUFFER INDEX FORMAT AN</u>	isclosed and/or claimed	in a patent
ASSIGN LLC, OI LEGAL on the foll	e filed. ASSIGNOR hereby IEE'S legal representative, Mi- ne Microsoft Way, Redmond, V REPRESENTATIVES), to inser and given App owing Office <u>US – United State</u> PLICATION's Application No.,	crosoft Technology Licer Vashington 98052 (ASSIG t here in parentheses olication No. <u>S Patent and Trademark C</u>	nsing, NEE'S (filed by <u>Office</u>)
No	ed on and was by the following ";		
behalf of itself and it of acquiring, the en priority, in the INVEN derived therefrom, s	hnology Licensing, LLC, a Wass successors and assigns ("ASS tire and exclusive rights, title ITION and the APPLICATION (auch as continuing application ritories, and all foreign countr	SIGNEE"), is entitled to, and and interest, including and all other applications in whole or in part, in	d is desirous the right of and patents and for the
to insert the Applica	reby authorizes, and requests, ation No., filing date, and Of ATIVES after they are known;		
Application No.	Filing Date	Office	

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	PATENT ASSI	GNMENT	MS Docket	No.: 401528-US-NE
38 				***************************************

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).

And like	6.8.17
Inventor's Signature	Date
Martin Jon Irwin FULLER	A 8 8
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT MS Docket No.: 401528-US-NP

inventor of	subject matter ("I	NVENTION") disclosed a	inventor or an original joint nd/or claimed in a patent PRESSION " ("APPLICATION")
, 	ASSIGNEE'S legal r LC, One Microsoft LEGAL REPRESENT. on the following Office	ASSIGNOR hereby authorepresentative, Microsoft Way, Redmond, Washingt ATIVES), to insert here and given Application by US – United States Patent Application No., filing of	Technology Licensing, on 98052 (ASSIGNEE'S in parentheses (filed No by and Trademark Office)
		and was given A by the following Office ";	pplication
behalf of itself of acquiring, priority, in the derived theref United States, ASSIGN	and its successors the entire and exce INVENTION and the from, such as cont its territories, and OR hereby authoria	s and assigns ("ASSIGNEE"), clusive rights, title and in ne APPLICATION (and all o inuing applications, in wh all foreign countries ("APF zes, and requests, ASSIGN	limited liability company, on is entitled to, and is desirous terest, including the right of ther applications and patents ole or in part, in and for the PLICATION DERIVATIVES"));
	Application No., fi DERIVATIVES after	-	the following table for any
Application N		Filing Date	Office

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PATENT ASSIGNMENT

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MS Docket No.: 401528-US-NP

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"));

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Mark	6/12/2012
Inventor's Signature	Date
Ivan NEVRAEV	
Printed Name in English	Printed Name in Native Language
	(if other than English)

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RECORDED: 06/26/2017 REEL: 042815 FRAME: 0060