503752725 03/24/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AMER HASSAN	02/18/2016
JEFFREY YAN	03/15/2016
TODD HAUGEN	03/22/2016

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:	15050272

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ATTORNEY DOCKET NUMBER:	358973.01
NAME OF SUBMITTER:	BRIAN T. RIVERS
SIGNATURE:	/Brian T. Rivers/
DATE SIGNED:	03/24/2016

Total Attachments: 6

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PATENT REEL: 038094 FRAME: 0896

PATENT	ASSIGNMENT	MS Docket No.:	358973.01	
l <u>Jeffrey Yan</u>		("ASSIGNOR") am	the original	
inventor or an original joint in claimed in a patent application CANCELLATION" ("APPLICATION"	ventor of subject matter (" n entitled " <u>RESTRICTED FRE</u>	INVENTION") disc	losed and/or	
ASSIGNEE'S legal LLC., One Mic (ASSIGNEE'S LEGAL parentheses (file No. Office	ASSIGNOR hereby auth representative, Microsoft crosoft Way, Redmond, GAL REPRESENTATIVES), d on by	Technology Lice Washington to insert her and given Appli the foll) this APPLICAT	nsing, 98052 Te in cation owing	
	uary 22, 2016 and was giv _ by the following Office " <u>U</u> !";		it and	
Microsoft Technology Libehalf of itself and its succe desirous of acquiring, the ent right of priority, in the INVENT patents derived therefrom, suc for the United States, its DERIVATIVES"));	ire and exclusive rights, ti ION and the APPLICATION th as continuing application	GNEE"), is entitled tle and interest, i (and all other app ns, in whole or in	d to, and is ncluding the lications and part, in and	
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		

Page 1 of 2

PATENT	ASSIGNMENT	MS Docket No.:	<u>358973.01</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"));

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).

Depley	3/15/2016
inventor's Signature	Date
Jeffrey Yan	
Printed Name in English	Printed Name in Native Language (if other than English)

REEL: 038094 FRAME: 0898

PATENT ASSIGNMENT MS Docket No.: 358973.01 I Todd Haugen ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "RESTRICTED FREQUENCY BAND INTERFERENCE CANCELLATION" ("APPLICATION"), which: will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Microsoft Technology Licensing, LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on ______ and given Application No. by the following Application No., filing date, and Office, when known; was filed on February 22, 2016 and was given Application No 15050272 by the following Office "United States Patent and Trademark Office": Microsoft Technology Licensing, LLC, a Washington limited liability company, 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

Page 1 of 2

PATENT REEL: 038094 FRAME: 0899

PATENT	MS Docket No.:	358973.01

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).

To Samuel Commencer and the second	3/2-2/16
Inventor's Signature	Date
Todd Haugen	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT A	ASSIGNMENT	MS Docket No.: <u>358973.01</u>
l <u>Amer Hassan</u> original inventor or an original	joint inventor of subject n	
and/or claimed in a patent	=	
INTERFERENCE CANCELLATION'		
oxtimes will be filed.	ASSIGNOR hereby auth	orizes, and requests,
ASSIGNEE'S legal	representative, Microsoft	Technology Licensing,
LLC., One Mic	rosoft Way, Redmond,	Washington 98052
(ASSIGNEE'S LEC	GAL REPRESENTATIVES),	to insert here in
parentheses (filed	d on	and given Application
No	by	the following
Office) this APPLICATION's
Application No., f	iling date, and Office, whe	n known;
	and was given	
No	by the following Office	<u>;</u>
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Microsoft Technology Lic behalf of itself and its succe desirous of acquiring, the enti right of priority, in the INVENTI patents derived therefrom, suc for the United States, its t DERIVATIVES"));	ssors and assigns ("ASSIO re and exclusive rights, ti ON and the APPLICATION of h as continuing applicatio	tle and interest, including the (and all other applications and ns, in whole or in part, in and
ASSIGNOR hereby	authorizes, and requ	uests, ASSIGNEE'S LEGAL
REPRESENTATIVES to insert to	he Application No., filing	g date, and Office into the
following table for any APPLICA	TION DERIVATIVES after th	ney are known;
Application No.	Filing Date	Office
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Page 1 of 2

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Ama Handler Inventor's Signature	2/18/20/6 Date
Amer Hassan	
Printed Name in English	Printed Name in Native Language
	(if other than English)

RECORDED: 03/24/2016