504727006 01/12/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4773730

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALEC KOCHEVAR-CURETON	11/28/2017
SOMESH CHATURMOHTA	12/04/2017
NORMAN LAM	01/10/2018
SAMBHRAMA MUNDKUR	01/10/2018
DANIEL FIRESTONE	01/10/2018

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:	15824925

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

Address Line 1: 1750 112TH AVE NE, SUITE D-152
Address Line 4: BELLEVUE, WASHINGTON 98004

ATTORNEY DOCKET NUMBER:	403153-US-NP
NAME OF SUBMITTER:	CHEN LIANG
SIGNATURE:	/Chen Liang/
DATE SIGNED:	01/12/2018

Total Attachments: 10

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PATENT REEL: 044607 FRAME: 0037

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PATENT REEL: 044607 FRAME: 0038

			MS Docket No.: 403153	I-US-NP
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	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			g. 'S :d py is
X	was filed on <u>No</u>	<u>vember 28, 2017</u> and	was given Application	
	No <u>15/824,925</u> Office " <u>USPTO</u>			
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Application		Filing Date	Office	
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MS Docket No.: 403153-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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Inventor's Signature	Date
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		M	S Docket No.: <u>403153-US-NP</u>
I <u>Sor</u>	nesh Chaturmohta	_ ("ASSIGNOR") am the ori	ginal inventor or an original
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	will be filed.	ASSIGNOR hereby author	orizes, and requests,
	ASSIGNEE'S legal r	representative, Microsoft	Technology Licensing,
	LLC., One Microsof	t Way, Redmond, Washing	ton 98052 (ASSIGNEE'S
	LEGAL REPRESENT	ATIVES), to insert here	in parentheses (filed
		and given Application	
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United States	s, its territories, and	all foreign countries ("API	PLICATION DERIVATIVES"));
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to insert the	Application No., f	iling date, and Office into	o the following table for any
APPLICATION	N DERIVATIVES after	they are known;	
Application	No.	Filing Date	Office

MS Docket No.: 403153-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"));

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 Date

Somesh Chaturmohta
Printed Name in English Printed Name in Native Language (if other than English)

		M	S Docket No.: <u>403153-US-NP</u>	
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	will be filed.	ASSIGNOR hereby author	orizes, and requests,	
	ASSIGNEE'S legal representative, Microsoft Technology Licensing,			
	LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S			
		ATIVES), to insert here		
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behalf of itse	elf and its successor	s and assigns ("ASSIGNEE"), is entitled to, and is desirous	
of acquiring	, the entire and ex	clusive rights, title and in	nterest, including the right of	
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MS Docket No.: 403153-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"));

Alman Cun	1/10/2018
Inventor's Signature	Date /
Norman Lam	
Printed Name in English	Printed Name in Native Language (if other than English)

		M	S Docket No.: <u>403153-US-NP</u>
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		"INVENTION") disclosed ar	
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MS Docket No.: 403153-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"));

Q.A.	1/10/2018
Inventor's Signature	Date
Sambhrama Mundkur	
Printed Name in English	Printed Name in Native Language (if other than English)

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	E'S legal representative, Micro		
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Inventor's Signature	Date
Daniel Firestone	
Printed Name in English	Printed Name in Native Language
	(if other than English)