#### 10/16/2019 505726183

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5772995

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
ROBERT LOVEJOY GOODWIN	09/20/2019
JANAINA BARREIRO GAMBARO BUENO	09/09/2019
SITARAMASWAMY V. LANKA	09/20/2019
JAVIER GARCIA FLYNN	10/15/2019
PEDRAM FAGHIHI REZAEI	09/12/2019
KARTHIK PATTABIRAMAN	09/08/2019

## **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:	16540896

## **CORRESPONDENCE DATA**

Fax Number: (509)381-3110

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: 425-538-9035

Email: usdocket@microsoft.com

MICROSOFT CORPORATION **Correspondent Name:** 

ONE MICROSOFT WAY Address Line 1:

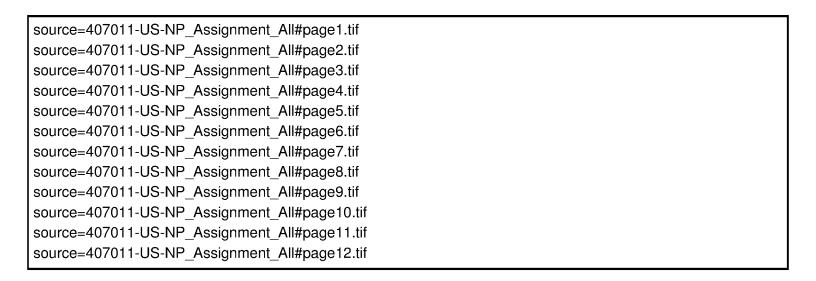
Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	407011-US-NP
NAME OF SUBMITTER:	ALEX LEA
SIGNATURE:	/alex lea/
DATE SIGNED:	10/16/2019

**Total Attachments: 12** 

**PATENT** REEL: 050738 FRAME: 0010

505726183



PATENT REEL: 050738 FRAME: 0011

# PATENT ASSIGNMENT MS Docket No.: 407011-US-NP

l <u>Robert</u>	: Lovejoy Goodwii	("ASSIGNOR") am the o	riginal inventor or an original
_	-		d and/or claimed in a patent OF SERVICES" ("APPLICATION"),
A L C O tl A	SSIGNEE'S legal in LC., One Microsof EGAL REPRESENT in the following Output PPLICATION's Applicas filed on Augus	ASSIGNOR hereby auth representative, Microsoft tway, Redmond, Washing ATIVES), to insert here and given Application ffice	Technology Licensing, gton 98052 (ASSIGNEE'S in parentheses (filed by this and Office, when known;
			n limited liability company, on
		ude transfer i de la companya de la	), is entitled to, and is desirous
			nterest, including the right of
•			other applications and patents hole or in part, in and for the
			PPLICATION DERIVATIVES"));
arise was a man a man g	con and scarpes court and some	nose consolization on manageria service is es	a presence constructs provided as a construct that
ASSIGN	OR hereby authori	zes, and requests, ASSIGI	NEE'S LEGAL REPRESENTATIVES
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APPLICATION I	DERIVATIVES after	they are known;	
Application N	O.	Filing Date	Office
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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).

| 9/20/2015 Printed Name in English | Printed Name in Native Language (if other than English)

## PATENT ASSIGNMENT MS Docket No.: 407011-US-NP

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original join	t inventor of subjections	t matter ("INVENTION") d	n the original inventor or an isclosed and/or claimed in a SCHEDULING OF SERVICES"
	ASSIGNEE'S legal r LLC., One Microsof LEGAL REPRESENT on the following Of	ASSIGNOR hereby authorepresentative, Microsoft tway, Redmond, Washingth ATIVES), to insert here and given Application office	Technology Licensing, ton 98052 (ASSIGNEE'S in parentheses (filed No by) this
		t 14, 2019 and was given following Office " <u>USPTO</u> ";	
behalf of itse of acquiring priority, in the derived there	elf and its successors, the entire and exc ne INVENTION and the efrom, such as cont	s and assigns ("ASSIGNEE"), clusive rights, title and in ne APPLICATION (and all o inuing applications, in wh	limited liability company, on is entitled to, and is desirous terest, including the right of ther applications and patents tole or in part, in and for the PLICATION DERIVATIVES"));
ASSIG	NOR hereby authori	zes, and requests, ASSIGN	EE'S LEGAL REPRESENTATIVES
	Application No., for No., for No., for No.	,	the following table for any
Application		Filing Date	Office

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

Janaina Barreiro Gambaro Bueno

Printed Name in English

Printed Name in Native Language
(if other than English)

MS Docket No.: <u>407011-US-NP</u>

I <u>Sitaramaswamy V. Lanka</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>ORCHESTRATION AND SCHEDULING OF SERVICES</u>" ("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'
	LEGAL REPRESENTATIVES), to insert here in parentheses (file-
	on and given Application No b
the	the following Office
	APPLICATION's Application No., filing date, and Office, when known
$\boxtimes$	was filed on <u>August 14, 2019</u> and was given Application No

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"));

16/540,896 by the following Office "USPTO";

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	

MS Docket No.: 407011-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"));

^, , l			
J.t_ W	9	20	2019
Inventor's Signature	Date	¢	
Sitaramaswamy V. Lanka			
Printed Name in English	Printed N	lame i	n Native Language
	(if other	than E	inglish)

	PATENT A	SSIGNMENT	MS Docket No.:	407011-US-NP
inventor of	subject matter ("I	SIGNOR") am the orig INVENTION") disclose	d and/or claime	d in a patent
Micro behalf of itse	ASSIGNEE'S legal r LLC., One Microsof LEGAL REPRESENT on the following Of APPLICATION's App was filed on Augus 16/540,896 by the soft Technology Lice	t 14, 2019 and was gi following Office " <u>USP</u> ensing, LLC, a Washing and assigns ("ASSIGN	oft Technology Laington 98052 (AS) ere in parenthes tion No.  e, and Office, when the ven Application No.  TO";  gton limited liabilities"), is entitled to,	icensing, SIGNEE'S es (filedby) this n known;  o  ty company, on and is desirous
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to insert the		zes, and requests, ASS iling date, and Office they are known;		
Application		Filing Date	Office	

(A)	10/15/2019
Inventor's Signature	Date
Printed Name in English	Printed Name in Native Language (if other than English)

	FAIENIA		5 Docket No.: 40/011-05-NF
inventor of	subject matter ("	INVENTION") disclosed	nal inventor or an original joint and/or claimed in a patent <u>OF SERVICES</u> " ("APPLICATION"),
	ASSIGNEE'S legal in LLC., One Microsoft LEGAL REPRESENT on the following Of	ASSIGNOR hereby auth representative, Microsoft tway, Redmond, Washing ATIVES), to insert here and given Application ffice blication No., filing date, a	Technology Licensing, gton 98052 (ASSIGNEE'S in parentheses (filed by by) this
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Application		Filing Date	Office

Hollien	
	9/12/2019
Inventor's Signature	Date
	پدرام فقیهی رضایی
Pedram Faghihi Rezaei	
Printed Name in English	Printed Name in Native Language
	(if other than English)

	raieni a	.551GINIVIENT IVI5	Docket No.: 40/011-05-NF
inventor of	subject matter ("I	NVENTION") disclosed a	ul inventor or an original joint .nd/or claimed in a patent <u>OF SERVICES</u> " ("APPLICATION"),
	ASSIGNEE'S legal r LLC., One Microsof LEGAL REPRESENT on the following Of	ASSIGNOR hereby authorepresentative, Microsoft tway, Redmond, Washing ATIVES), to insert here and given Application of the fice and Silven Application No., filing date, and Silven Application No.,	Technology Licensing, ton 98052 (ASSIGNEE'S in parentheses (filed Noby) this
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	N DERIVATIVES after	=	o the following table for any
Application	No.	Filing Date	Office
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MS Docket No.: 407011-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"));

( dethis	09/08/2019	
Inventor's \$ignature	Date	
Karthik Pattabiraman		
Printed Name in English	Printed Name in Native Language (if other than English)	