505283988 01/17/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5330762

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PETER NILS SKILLMAN	11/23/2016
GREGORY THOMAS MATTOX	11/30/2016
OMOBAYONLE AYOYINKA OLATUNJI	11/30/2016
LOLA MARIE BALL	11/28/2016
ALLISON ANNE O'MAHONY	11/30/2016
CARMEN QUAN	11/28/2016
BRIAN DANIEL BECK	11/24/2016
CHRISTOPHER WALLACE HEUSER	11/29/2016
EDUARDO QUIJANO RIVADENEYRA	11/29/2016
SONG ZOU	11/28/2016
MICHAEL JOHN BRAY	11/28/2016
PATRICK SETH DONOGHUE	11/28/2016

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:	16239820

CORRESPONDENCE DATA

Fax Number: (509)252-5002

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.

using a lax number, it provided, it that is unsuccessful, it will be sent via 00 mail.

Phone: 425-538-9035

Email: usdocket@microsoft.com

Correspondent Name: MICROSOFT CORPORATION

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

505283988 REEL: 049533 FRAME: 0197

PATENT -

ATTORNEY DOCKET NUMBER:	400522-US-CNT
NAME OF SUBMITTER:	ALEX LEA
SIGNATURE:	/alex lea/
DATE SIGNED:	01/17/2019

Total Attachments: 24

source=400522-US-CNT Parent-Assignments#page1.tif source=400522-US-CNT_Parent-Assignments#page2.tif source=400522-US-CNT Parent-Assignments#page3.tif source=400522-US-CNT_Parent-Assignments#page4.tif source=400522-US-CNT_Parent-Assignments#page5.tif source=400522-US-CNT Parent-Assignments#page6.tif source=400522-US-CNT Parent-Assignments#page7.tif source=400522-US-CNT_Parent-Assignments#page8.tif source=400522-US-CNT Parent-Assignments#page9.tif source=400522-US-CNT Parent-Assignments#page10.tif source=400522-US-CNT Parent-Assignments#page11.tif source=400522-US-CNT_Parent-Assignments#page12.tif source=400522-US-CNT_Parent-Assignments#page13.tif source=400522-US-CNT Parent-Assignments#page14.tif source=400522-US-CNT Parent-Assignments#page15.tif source=400522-US-CNT_Parent-Assignments#page16.tif source=400522-US-CNT_Parent-Assignments#page17.tif source=400522-US-CNT Parent-Assignments#page18.tif source=400522-US-CNT Parent-Assignments#page19.tif source=400522-US-CNT Parent-Assignments#page20.tif source=400522-US-CNT_Parent-Assignments#page21.tif source=400522-US-CNT_Parent-Assignments#page22.tif source=400522-US-CNT Parent-Assignments#page23.tif source=400522-US-CNT Parent-Assignments#page24.tif

> PATENT REEL: 049533 FRAME: 0198

I <u>Peter Nils Skillman</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>Tiered Notification Framework</u>" ("APPLICATION"), which:

\boxtimes	will	be	filed.	ASSIGNO	R hereby	autho	orizes,	and	requ	ests,
	ASSI	GNE	EE'S lega	l represent	ative, Micr	osoft	Techno	ology	Licen	sing,
	LLC,	On	e Microso	oft Way, Re	dmond, Wa	ashing	ton 980	052 (A	SSIGN	NEE'S
	LEGA	٨L	REPRESEN	NTATIVES),	to insert	here	in pa	renthe	ses ((filed
	on		30 Novemb	er 2016	_ and		given	Α	pplica	ation
	No.		153658	365	by		the		follo	wing
	Offic	e	USPTO)	this	APPL	ICATI	ON's
	Appl	icat	tion No.,	filing date,	and Office	, wher	ı knowı	n;		
	was	file	d on		_ and was (given <i>A</i>	Applica	tion		
	No_			by the	following	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"));

Application No.	Filing Date	Office	
16/239,820	January 4, 2019	USPTO	

DERIVATIVES"));

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")

44A	NV 27 16
Inventor's Signature	Date
Peter Nils Skiliman	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

MS Docket No.: <u>400522-US-NP</u>

I <u>Gregory Thomas Mattox Ir.</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>Tiered Notification Framework</u>" ("APPLICATION"), which:

\boxtimes	will	be fil	led.	ASSIGNO	R h	ereby	autho	orizes	, and	req	uests,
	ASSIG	NEE'S	legal	represent	ativ	e, Micr	osoft	Tech	nology	Lice	nsing,
	LLC, (One M	icroso	ft Way, Re	dmo	ond, Wa	shing	ton 9	8052 (ASSIC	NEE'S
	LEGA	L REP	RESEN	TATIVES),	to	insert	here	in p	arenth	eses	(filed
	on	30	Novemb	er 2016		and		given	l é	Appli	cation
	No.		1536586	5		by		the	!	foll	owing
	Office	USP	TO	******************************		***************************************		thi	s APPI	LICAT	TON's
	Appli	cation	No., f	iling date,	and	Office	, wher	kno	wn;		
	was f	led or	1		_ an	d was g	jiven A	Applic	ation		
	No			by the	foll	owing	Office				
	***			***************************************		", ~~~ 3					

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
16/239,820	January 4, 2019	USPTO
	.*	

Page 1 of 2

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

Gregory Thomas Mattox Jr.

Printed Name in English

Printed Name in Native Language

(if other than English)

I <u>Omobayonle AyoYinka Olatunji</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>Tiered Notification Framework</u>" ("APPLICATION"), which:

\boxtimes	will	be	filed.	ASSIGNO	R hereby	autho	rizes,	and	requ	ests,
	ASSI	GNE	E'S lega	l represent	ative, Micı	osoft [·]	Techno	ology	Licen	sing,
	LLC,	On	e Microso	oft Way, Re	dmond, Wa	ashingt	on 980)52 (A	SSIGN	NEE'S
	LEG/	٩L	REPRESEN	NTATIVES),	to insert	here	in pa	renthe	ses ((filed
	on		30 Novemb	oer 2016	_ and	ģ	given	Α	pplica	ation
	No.		153658	65	by		the		follo	wing
	Offic	ce	USPTO)	this	APPL	ICATI	ON's
	Appl	licat	ion No.,	filing date,	and Office	, when	know	1;		
	was	file	d on		_ and was	given A	pplica	tion		
	No_			by the	following	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"));

tonowing table for any ATTERATION BERIVATIVES after they are known,								
Application No.	Filing Date	Office						
16/239,820	January 4, 2019	USPTO						

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

Omobayonle AyoYinka Olatunji

Printed Name in English

Printed Name in Native Language

(if other than English)

PATENT ASSIGNMENT

MS Docket No.: 400522-US-NP

I <u>Lola Marie Ball</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>Tiered Notification Framework</u>" ("APPLICATION"), which:

\boxtimes	will	be	filed.	ASSIGN	OR	hereby	auth	orizes,	and	req	uests,
	ASSIG	INE	E'S lega	l represe	ntati	ze, Micr	osoft	Techn	ology	Lice	nsing,
	LLC,	One	Micros	oft Way, F	ledm	ond, Wa	shing	ton 98	052 (/	ASSIC	NEE'S
	LEGA	L A	EPRESEI	YTATIVES.), to	insert	here	in pa	renth	eses	(filed
	on		30 Novem	ber 2016		and		given	Å	\ppli	cation
	No.		15365	865	****	ру		the		foll	owing
	Office	æ	USPTO)	this	APPL	.ICA1	"ION"s
	Appli	cati	on No.,	filing dat	e, an	d Office	, wher	ı know	n;		
	was fi	iled	on		ar	id was (given /	Applica	tion		
	No			by ti	ne fo	llowing	Office				
	88		***************************************		**********	, , , , , , , , , , , , , , , , , , ,					

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.	· ·	Office
16/239,820	January 4, 2019	USPTO
		::- ::-
SSE SE		
	W. F. F.	

Page 1 of 2

			. 4	
			· ·	- 3
			. N	5
4			· 8	
×	·			

 Lovansu	11/28/16	***
Inventor's Signature	Date	
Lola Marie Ball	***************************************	
Printed Name in English	Printed Name in Native Language	
3.00	(if other than English)	

I <u>Allison Anne O'Mahony</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>Tiered Notification Framework</u>" ("APPLICATION"), which:

\boxtimes	will	be	filed.	ASSIGNOF	R hereby	autho	orizes,	and	requ	ıests,
	ASSI	GNE	E'S lega	l representa	ative, Micr	osoft	Techno	ology	Licen	ısing,
	LLC,	One	e Microso	oft Way, Red	lmond, Wa	ashingt	ton 980)52 (A	'SSIGI	NEE'S
	LEGA	AL F	REPRESEN	NTATIVES),	to insert	here	in pa	renthe	ses	(filed
	on		30 Novemb	er 2016	and	9	given	Α	pplic	ation
	No.		153658	65	by		the		follo	wing
	Offic	ce .	USPTO)	this	APPL	ICAT	ION's
	App	licat	ion No.,	filing date,	and Office	, when	knowi	n;		
	was	filed	d on		and was	given A	Applica	tion		
	No_			by the	following	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"));

Application No.	Filing Date	Office	
16/239,820	January 4, 2019	USPTO	

Alisa ON harry	11.30.2416
Inventor's Signature	Date
Allison Anne O'Mahony	
Printed Name in English	Printed Name in Native Language
	(if other than English)

6 A 2 Z 3LF3 7 6 3	3.30.82.30.32.4.10.7.6.00.0.1.3	ATOM OF STRONG A 1300 133 WWW. SCALE LIN
inventor of subjec	t matter ("INVENTI	m the original inventor or an original joint ON") disclosed and/or claimed in a patent <u>Framework</u> " ("APPLICATION"), which:
ASSIGN LLC, O	NEE'S legal represen Ine Microsoft Way, Ro	OR hereby authorizes, and requests, stative, Microsoft Technology Licensing, edmond, Washington 98052 (ASSIGNEE'S to insert here in parentheses (filed and given Application by the following
Office	USPTO	

was filed on	and was given Application
No	by the following Office
66	55 _c

Application No., filing date, and Office, when known;

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.	Filling Date	Office	
16/239,820	January 4, 2019	USPTO	

Page 1 of 2

(gnnnnnnnnnnnnn
i		<u> </u>
i	i	1
	1	1

(AQ)~	NOV -28-2016
Inventor's Signature	Date
Carmen Quan	
Printed Name in English	Printed Name in Native Language (if other than English)

Ι <u>Ι</u>	<u>Briar</u>	<u>1 Daniel</u>	<u>Beck</u> ("A	ASSIGNOR") am	the origina	ıl invent	or or an	ori	gin	al joint
inventor	of	subject	matter	("INVENTION")	disclosed	and/or	claimed	in	a	patent
applicati	on e	ntitled "]	<u>Γiered Nα</u>	otification Frame	ework" ("AP	PLICATIO	ON"), whi	ch:		

\boxtimes	will	be	filed.	ASSIGNO	R h	ereby	autho	orizes,	and	req	uests,
	ASSI	GNI	EE'S legal	represent	ative	e, Micr	osoft	Techn	ology	Lice	nsing,
	LLC,	On	e Microso	oft Way, Re	dmo	nd, Wa	shing	ton 98	052 (4	ASSIG	NEE'S
	LEGA	٨L	REPRESEN	ITATIVES),	to	insert	here	in pa	renthe	eses	(filed
	on		30 Novemb	er 2016	_	and		given	A	Applio	cation
	No.		153658	65		by		the		follo	owing
	Offic	:e	USPTO)	this	APPL	ICAT	TON's
	Appl	icat	tion No.,	filing date,	and	Office	, wher	ı know	n;		
	was	file	d on		_ and	l was g	given A	Applica	tion		
	No_			by the	follo	owing	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"));

Application No. 16/239,820	Filing Date	Office	
16/239,820	Filing Date January 4, 2019	USPTO	

Min Daniel Bel	11/24/2016
Inventor's Signature	Date
Brian Daniel Beck	
Printed Name in English	Printed Name in Native Language
	(if other than English)

- 1	Christop	<u>her</u>	<u> Wallace</u>	Heuser	("AS	SIGNOR") am	the o	riginal	inventor	or	an
original	joint inv	entor	r of sub	ject mat	ter ("	INVENTI	ON") (disclose	ed and	or claim/	ed ii	n a
patent a	pplicatio	n ent	itled " <u>Ti</u>	ered Noti	ificat	on Fram	eworl	<u>«</u> " ("APF	PLICATI	ON"), whi	ch:	
	⊠ will	be	filed.	ASSIGN	NOR	hereby	auth	orizes,	and	requests		

\boxtimes	will	be	filed.	ASSIGNOF	R hereby	autho	rizes,	and	requ	ests,
	ASSIC	GNE	E'S legal	representa	ative, Micr	osoft ⁻	Techno	ology I	_icens	sing,
	LLC,	One	Microso	oft Way, Red	lmond, Wa	ashingt	on 980)52 (A	SSIGN	1EE'S
	LEGA	L R	EPRESEN	ITATIVES),	to insert	here	in pa	renthe	ses (filed
	on		30 Novemb	per 2016	and	ç	given	ΑĮ	pplica	tion
	No.		1536586	55	by		the		follov	wing
	Offic	e _	JSPTO)	this	APPLI	CATIO	ON's
	Appl	icati	on No., 1	filing date,	and Office	, when	know	n;		
	was 1	filed	on		and was	given A	pplica	tion		
	No _			by the	following	Office				
	u				".					

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"));

Application No.	Filing Date	Office	
16/239,820	January 4, 2019	USPTO	

411444400 PC	The second secon
Anio Huser	11/24/2016
Inventor's Signature	Date
Christopher Wallace Heuser	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

MS Docket No.: 400522-US-NP

I <u>Eduardo Quijano Rivadeneyra</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>Tiered Notification Framework</u>" ("APPLICATION"), which:

\boxtimes	will b	e filed.	ASSIGNOR	hereby	authori	zes, a	and req	uests,
	ASSIGN	IEE'S legal	representa	itive, Micr	osoft Te	chnol	ogy Lice	nsing,
	LLC, O	ne Microsc	ift Way, Red	mond, Wa	shingto	n 9805	32 (ASSIC	NEE'S
	LEGAL on	REPRESEN 30 Novemb	ITATIVES), per 2016	to insert and		•	ntheses Appli	
	No.	153658	65	by	•	the	foll	owing
	Office	USPTO	***************************************			this /	APPLICAT	TION's
	Applica	ition No., I	iling date, a		, when k			
	was file	ed on		and was g	iven Ap	plication	on	
	No		by the	following (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	
16/239,820	January 4	I, 2019	USPTO	A
				•••••••••••
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		*	.:	
			and the second s	
		4.49		

Page 1 of 2

·	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
n.l.	11/29/2016
Inventor's Signature	Date
Eduardo Quijano Rivadeneyra	Eduardo Ovigono Rivadeneyra
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Song Zou</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>Tiered Notification Framework</u>" ("APPLICATION"), which:

\boxtimes	will	be	filed.	ASSIGNO	R hereby	autho	orizes,	and	reques	sts,
	ASSI	GNE	E'S lega	l represent	ative, Micı	rosoft	Techno	ology I	_icensi	ng,
	LLC,	On	e Microso	oft Way, Red	dmond, Wa	ashing	ton 980	052 (A	SSIGNE	E'S
	LEGA	٩L	REPRESEN	NTATIVES),	to insert	here	in pa	renthe	ses (fi	led
	on		30 Novemb	er 2016	_ and	1	given	A	pplicat	ion
	No.		153658	65	by		the		followi	ing
	Offic	ce	USPTO)	this	APPLI	CATIO	N's
	Appl	licat	ion No.,	filing date,	and Office	, when	know	n;		
	was	file	d on		and was	given <i>A</i>	Applica	tion		
	No_			by the	following	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"));

Application No.	Filing Date	Office
16/239,820	January 4, 2019	USPTO

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

Song Zou
Printed Name in English

Printed Name in Native Language

(if other than English)

Page 2 of 2

PATENT ASSIGNMENT

MS Docket No.: 400522-US-NP

I <u>Michael John Bray</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>Tiered Notification Framework</u>" ("APPLICATION"), which:

\boxtimes	will b	e filed. ASSIGNO	R hereby auth	orizes, and requests,
î.;	LLC, O	ine Microsoft Way, Re	edmond, Washing to insert here	Technology Licensing, ton 98052 (ASSIGNEE'S in parentheses (filed given Application
	No.	15365865	by	the following
	Office	USPTO		this APPLICATION's
	Applic	ation No., filing date	, and Office, whei	n known;
	was fil	ed on	_ and was given a	Application
	No	by th	e following Office	
	« <u></u>	***************************************	35 0	

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
16/239,820	January 4, 2019	USPTO
	i ui	
	- 1	

Page 1 of 2

•	***************************************	}^^^^^^^^^^^^^	
1	:		{
1	·		1
1	·		•
		•)
- 2	:		{

2/4 str. Por-	1128/16
Inventor's Signature	Date `
Michael John Bray	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Patrick Seth Donoghue</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>Tiered Notification Framework</u>" ("APPLICATION"), which:

\boxtimes	will	be	filed.	ASSIGNO	R hereby	autho	rizes,	and	requ	iests,
	ASSI	GNE	E'S lega	l represent	ative, Micr	osoft	Techno	ology	Licen	ısing,
	LLC,	One	e Microso	oft Way, Red	dmond, Wa	shingt	ton 980)52 (A	SSIGI	NEE'S
	LEGA	AL F	REPRESEN	NTATIVES),	to insert	here	in pa	renthe	ses	(filed
	on		30 Novem	ber 2016	_ and	(given	Α	pplic	ation
	No.		153658	65	by		the		follo	wing
	Offic	e _	USPTO)	this	APPL	ICATI	ION's
	Appl	icat	ion No.,	filing date,	and Office	, when	knowi	n;		
	was	filec	d on		and was	given A	Applica	tion		
	No_			by the	following	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"));

Application No.	Filing Date	Office	
16/239,820	January 4, 2019	USPTO	

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).

p.Ju-	11/28/2016
Inventor's Signature	Date
Patrick Seth Donoghue	
Printed Name in English	Printed Name in Native Language
	(if other than English)

RECORDED: 01/17/2019