### 505323892 02/11/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5370673

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
CHRIS KIMMELL	04/22/2016
TIANYU FANG	04/25/2016
NISARG PATEL	04/25/2016
DERRICK WAMPLER	08/23/2017
KENNETH F. LAVERING	04/26/2016
JAMES MCCOLL	09/15/2017
DEVIN JENSON	04/25/2016

### **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:	16273072

### **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:** 888-785-1482

Email: usdocket@microsoft.com

**Correspondent Name:** NEWPORT IP, LLC **Address Line 1:** 1400 112TH AVE SE

Address Line 2: SUITE 100

Address Line 4: BELLEVUE, WASHINGTON 98004

ATTORNEY DOCKET NUMBER:	MS1-9090USC1
NAME OF SUBMITTER:	NOEMI TOVAR
SIGNATURE:	/Noemi Tovar/
DATE SIGNED:	02/11/2019

PATENT 505323892 REEL: 048299 FRAME: 0540

# Total Attachments: 14 source=357435-US-CNT-MS1-9090USC1-Assignment-as-filed-2-11-19#page1.tif source=357435-US-CNT-MS1-9090USC1-Assignment-as-filed-2-11-19#page2.tif source=357435-US-CNT-MS1-9090USC1-Assignment-as-filed-2-11-19#page3.tif source=357435-US-CNT-MS1-9090USC1-Assignment-as-filed-2-11-19#page4.tif source=357435-US-CNT-MS1-9090USC1-Assignment-as-filed-2-11-19#page5.tif source=357435-US-CNT-MS1-9090USC1-Assignment-as-filed-2-11-19#page7.tif source=357435-US-CNT-MS1-9090USC1-Assignment-as-filed-2-11-19#page8.tif source=357435-US-CNT-MS1-9090USC1-Assignment-as-filed-2-11-19#page9.tif source=357435-US-CNT-MS1-9090USC1-Assignment-as-filed-2-11-19#page10.tif source=357435-US-CNT-MS1-9090USC1-Assignment-as-filed-2-11-19#page11.tif source=357435-US-CNT-MS1-9090USC1-Assignment-as-filed-2-11-19#page12.tif source=357435-US-CNT-MS1-9090USC1-Assignment-as-filed-2-11-19#page12.tif

source=357435-US-CNT-MS1-9090USC1-Assignment-as-filed-2-11-19#page14.tif

PATENT REEL: 048299 FRAME: 0541

MS Docket No.: 357435.02

I <u>Chris Kimmell</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>Digital Rights List for Device Groups</u>" ("APPLICATION"), which:

will be	filed.	ASSIGNOR	hereby	author	izes,	and rec	questi
ASSIGNE	E'S legal	represental	ive, Mic	rosoft T	echno	logy Lice	ensing
LLC., On	e Microso	ft Way, Red	mond, W	ashingto	on 980	SZ (ASSI	GNEE'
		TATIVES),   t and gi					
the follo	wing Offic	te <u>US – Unite</u> 's Applicati	ed States	Patent a	ınd Tra	<u>idemark</u>	Office
known;		, ,					
was filed	I on	í	and was	given Ap	plicati	on	
No		by the f	ollowing	Office			
<i>tt</i>							

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	
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MS Docket No.: <u>3574</u>35.02

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).

,	
<u>CL. L. 10</u>	22 APENL 2016
Inventor's Signature	Date
Chris Kimmell	
Printed Name in English	Printed Name in Native Language
	(if other than English)

# PATENT ASSIGNMENT MS Docket No.: 357435.02

	<del> </del>	·	r or an original joint inventor
-			n a patent application entitled
" <u>Digital Right</u>	ts List for Device Gr	oups" ("APPLICATION"), wh	ich:
$\boxtimes$	will be filed.	ASSIGNOR hereby autho	rizes, and requests,
	ASSIGNEE'S legal r	epresentative, Microsoft	Technology Licensing,
	LLC., One Microsof	t Way, Redmond, Washingt	on 98052 (ASSIGNEE'S
		ATIVES), to insert here	
		and given Application	•
		<u>US – United States Patent</u>	
	_	s Application No., filing d	
	known;	-	,
	was filed ona	and was given Application	No by the
	following Office "U	S – United States Patent an	d Trademark Office";
			,
Micros	soft Technology Lice	ensing, LLC, a Washington	limited liability company, on
behalf of itse	If and its successors	s and assigns ("ASSIGNEE"),	is entitled to, and is desirous
of acquiring,	, the entire and exc	clusive rights, title and in	terest, including the right of
		<del>-</del>	ther applications and patents
•			ole or in part, in and for the
		•	PLICATION DERIVATIVES"));
		•	
ASSIG	NOR hereby authori:	zes, and requests, ASSIGN	EE'S LEGAL REPRESENTATIVES
	•	•	the following table for any
	N DERIVATIVES after	_	<u>-</u>
Application		Filing Date	Office

MS Docket No.: 357435.02

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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\$ to	
an E	4/25/2016
Inventor's Signature	Date
Tianyu Fang	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: <u>357435.02</u>

I <u>Nisarg Patel</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>Digital Rights List for Device Groups</u>" ("APPLICATION"), which:

X	will	be	filed.	ASSIGNOR	hereby	authorize	s, and	requests,
	ASSI	GNE	E'S lega	l representa	tive, Mic	rosoft Tec	hnology	Licensing,
	LLC.	, On	e Micros	oft Way, Red	mond, W	ashington	98052 (A	SSIGNEE'S
	LEG/ on_	Δnril	76 7016	NTATIVES),   t and gi				
	the f			ice <u>US – Unite</u>				
	this	APPI	LICATIO	N's Applicati	on No.,	filing date	, and Of	fice, when
	knov	vn;						
ال	was	filed	on		and was	given Appli	cation	
	No_			by the f	ollowing	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	****************

MS Docket No.: 357435.02

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).

Missegh. Por

Inventor's Signature

Nisarg Patel

Printed Name in English

04/25/2016

Date

निसर्ग परस

Printed Name in Native Language (if other than English)

MS Docket No.: 357435.02 Attorney Docket No.: MS1-9090US

MS Docket No.: 357435.02 Attorney Docket No.: MS1-9090US

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).

Derrick Wampler
Printed Name in English

Printed Name in English

Printed Name in Native Language (if other than English)

MS Docket No.: <u>357435.02</u>

I <u>Kenneth F. Lavering</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>Digital Rights List for Device Groups</u>" ("APPLICATION"), which:

will be filed.	ASSIGNOR hereby authorizes, and reques
ASSIGNEE'S lega	al representative, Microsoft Technology Licensir
LLC., One Micro	soft Way, Redmond, Washington 98052 (ASSIGNEI
LEGAL REPRESE on April 26, 2016	NTATIVES), to insert here in parentheses (fil and given Application No. 15/139,302
the following Of	fice <u>US – United States Patent and Trademark Offic</u>
this APPLICATIO	DN's Application No., filing date, and Office, wh
known;	
known; was filed on	and was given Application
	and was given Application 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	
***************************************			
	_		······

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

Kenneth F. Lavering

Printed Name in English

Printed Name in Native Language

(if other than English)

MS Docket No.: 357435.02 Attorney Docket No.: MS1-9090US

I <u>James McColl</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>Digital Rights List for Device Groups</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'S
LEGAL REPRESENTATIVES), to insert here in parentheses (filed
on and given Application No by
the following Office <u>US – United States Patent and Trademark Office</u> )
this APPLICATION's Application No., filing date, and Office, when
known;

was filed on <u>April 26, 2016</u> and was given Application No <u>15/139,302</u> by the following Office "<u>US - United States Patent and Trademark 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"));

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.: 357435.02 Attorney Docket No.: MS1-9090US

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).

10	
////	9/15/2017
Inventor's Signature	Date
James McColl	
Printed Name in English	Printed Name in Native Language (if other than English)

	<u>I Jenson</u> ("ASSIGNOR") am the original inventor or an original joint inventor tter ("INVENTION") disclosed and/or claimed in a patent application entitled
=	s List for Device Groups" ("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 April 26, 2016 and given Application No. 15/139,302 by the following Office US – United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;
	was filed on and was given Application
	No by the following Office
	"
behalf of itsel of acquiring, priority, in th derived there	oft Technology Licensing, LLC, a Washington limited liability company, on f and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous the entire and exclusive rights, title and interest, including the right of e INVENTION and the APPLICATION (and all other applications and patents from, such as continuing applications, in whole or in part, in and for the , its territories, and all foreign countries ("APPLICATION DERIVATIVES"));
ASSIGN	NOR 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

MS Docket No.: <u>357435.02</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"));

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QQ.	9/25/2c16
Inventor's Signature	Date
Devin Jenson	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT REEL: 048299 FRAME: 0555

MS Docket No.: <u>357435.02</u>

RECORDED: 02/11/2019