02/13/2017 504224916

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4271593

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ARTHUR CHARLES TOMLIN	01/19/2015
DAVE HILL	01/13/2015
JONATHAN PAULOVICH	01/06/2015
EVAN MICHAEL KEIBLER	01/15/2015
JASON SCOTT	01/12/2015
CAMERON G. BROWN	01/12/2015
THOMAS FORSYTHE	01/13/2015
JEFFREY A. KOHLER	01/05/2015
BRIAN MURPHY	01/15/2015

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:	14598578

CORRESPONDENCE DATA

Fax Number: (415)489-4150

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: 415-489-4100

Email: Imiller@vierramagen.com, usdocket@microsoft.com

VIERRA MAGEN MARCUS LLP Correspondent Name: Address Line 1: 575 MARKET STREET, SUITE 3750 Address Line 4: SAN FRANCISCO, CALIFORNIA 94105

ATTORNEY DOCKET NUMBER:	MSFT-01802US1
NAME OF SUBMITTER:	BRIAN I. MARCUS

PATENT REEL: 041238 FRAME: 0451 504224916

SIGNATURE:	/Brian I. Marcus/			
DATE SIGNED:	02/13/2017			
Total Attachments: 18				
source=1802us1-exec-assignments#pag	ge1.tif			
source=1802us1-exec-assignments#pag	ge2.tif			
source=1802us1-exec-assignments#pag	ge3.tif			
source=1802us1-exec-assignments#pag	ge4.tif			
source=1802us1-exec-assignments#page5.tif				
source=1802us1-exec-assignments#pag	source=1802us1-exec-assignments#page6.tif			
source=1802us1-exec-assignments#page7.tif				
source=1802us1-exec-assignments#pag	ge8.tif			
source=1802us1-exec-assignments#pag	ge9.tif			
source=1802us1-exec-assignments#page10.tif				
source=1802us1-exec-assignments#page11.tif				
source=1802us1-exec-assignments#page12.tif				
source=1802us1-exec-assignments#page13.tif				
source=1802us1-exec-assignments#page14.tif				
source=1802us1-exec-assignments#page15.tif				
source=1802us1-exec-assignments#page16.tif				

source=1802us1-exec-assignments#page17.tif source=1802us1-exec-assignments#page18.tif

PATENT REEL: 041238 FRAME: 0452

Atty. Docket No.: MSFT-01802US1 PA	IENT ASSIGNMENT	MS Docket No.: <u>341698.01</u>
I <u>Arthur Charles Tomlin</u> and disclosed and/or claimed in a part of the AND CONTEXT DETECTION FOR	patent application entitled	
will be filed. ASSIGNEE'S legal in LLC., One Microsoft LEGAL REPRESENT on the following Office APPLICATION's Application described on January was filed on January was fi	ASSIGNOR hereby authorepresentative, Microsoft of Way, Redmond, Washings ATIVES), to insert here and given Application by the following Office	orizes, and requests, Technology Licensing, ton 98052 (ASSIGNEE'S in parentheses (filed No
behalf of itself and its successors of acquiring, the entire and exception of acquiring, the INVENTION and the derived therefrom, such as contunited States, its territories, and	s and assigns ("ASSIGNEE"), clusive rights, title and in he APPLICATION (and all o cinuing applications, in wh all foreign countries ("API zes, and requests, ASSIGN iling date, and Office into	terest, including the right o ther applications and patent tole or in part, in and for the PLICATION DERIVATIVES")); EE'S LEGAL REPRESENTATIVES
Application No.	Filing Date	Office
Application No.	Timing Ducc	Onice

U-TIL	January 19th, 2015
Inventor's Signature	Date
Arthur Charles Tomlin	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Dave Hill</u> an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>CONVERSATION</u>, <u>PRESENCE AND CONTEXT DETECTION FOR HOLOGRAM SUPPRESSION</u>" ("APPLICATION"), which:

\boxtimes	will be filed.	ASSIGNOR	hereby	authoriz	es, and	requests,
	ASSIGNEE'S leg	gal representa	tive, Micr	osoft Te	chnology	Licensing,
	LLC., One Micr	osoft Way, Red	mond, Wa	ashingtor	98052 (/	\SSIGNEE'S
	LEGAL REPRES on January 16 the following (5, 2015 and gi	ven Appli	cation No	,14/598,5	78by
	APPLICATION'S					
	was filed on		and was g	given App	lication	
	No	by the I	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"));

Application No.	Filing Date	Office	

			XXX

TORAD	JAN. 13, 2015
Chiventor's Signature	Date
Dave Hill	
Printed Name in English	Printed Name in Native Language
	(if other than English)

-				
Pac	122	000	113	
	**		v	-

7/	1/6/15
Inventor's Signature	Date
Jonathan Paulovich	
Printed Name in English	Printed Name in Native Language
	(if other than English)

Atty. Docket No.: MSFT-01802US1 PATENT ASSIGNMENT MS Docket No.: 341698.01

I <u>Evan Michael Keibler</u> an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>CONVERSATION</u>, <u>PRESENCE</u> AND CONTEXT DETECTION FOR HOLOGRAM SUPPRESSION" ("APPLICATION"), which:

\boxtimes	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 January 16, 2015 and given Application No. 14/598,578 by
	the following Offices - United States Patent and Trademark Offices
	APPLICATION's Application No., filing date, and Office, when known;
m	was filed on and was given Application

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"));

No ______ by the following Office

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;

Filing Date	Office

Page 1 of 2

PATENT REEL: 041238 FRAME: 0459

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).

	3
4 KMA	1/15/15
Inventor's Signature	Date
Evan Michael Keibler	
Printed Name in English	Printed Name in Native Language
	(if other than English)

REEL: 041238 FRAME: 0460

I <u>Jason Scott</u> an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>CONVERSATION</u>, <u>PRESENCE AND CONTEXT DETECTION FOR HOLOGRAM SUPPRESSION</u>" ("APPLICATION"), which:

\boxtimes	will	be	filed.	ASSIGNOR	hereby	autho	orizes,	and	requ	ests,
	ASSI	GNE	E'S legal	representat	ive, Mici	rosoft	Techno	ology	Licens	sing,
	LLC.	, On	e Micros	oft Way, Red	mond, W	ashing	ton 980)52 (<i>A</i>	ASSIGN	IEE'S
	LEGA	AL R	EPRESEN	ITATIVES), t	o insert	here	in pai	enthe	eses (filed
	on _	Janu	ary 16, 2	NTATIVES), t 2015 and giv US - United	ven Appli	cation	No. 12	1/598	,5/8	by
	the f	follo	wing Off	ice	States F	atent :	and Ira	ldema	ark Off	this
	APPL	_ICA ⁻	ΓΙΟΝ's A	pplication No	o., filing o	date, a	nd Offic	ce, wh	ien kn	own;
	was	filed	on		and was	given A	Applicat	tion		
	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"));

Application No.	Filing Date	Office	

fason Sed	1/12/2015
Inventor's Signature	Date
Jason Scott	
Printed Name in English	Printed Name in Native Language (if other than English)

I <u>Cameron G. Brown</u> an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>CONVERSATION</u>, <u>PRESENCE AND CONTEXT DETECTION FOR HOLOGRAM SUPPRESSION</u>" ("APPLICATION"), which:

\boxtimes	will be	filed.	ASSIGNOR	hereby	autho	orizes,	and	requ	uests,
	ASSIGNI	EE'S legal	representat	ive, Micr	rosoft	Techno	ology	Licer	nsing,
	LLC., Or	ne Micros	oft Way, Redi	mond, Wa	ashing	ton 980)52 (A	NSSIG	NEE'S
	LEGAL	REPRESEN	NTATIVES), t	o insert	here	in par	renthe	eses	(filed
	on Janu	ary 16, 2	015 and giv	ven Appli	cation	No. 14	/598,5	578	by
	the follo	owing Off	ଧୃତ୍ର - United	States Pa	atent a	nd Tra	dema	rk Of	fjoenis
	APPLICA	TION's A	pplication No	o., filing o	fate, a	nd Offic	ce, wh	en kr	nown;
	was file	d on		and was	given /	\pplica	tion		
	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"));

Application No.	Filing Date	Office	

Mineral & Corn	1/12/2015
Inventor's Signature	Date
Cameron G. Brown	
Printed Name in English	Printed Name in Native Language
	(if other than English)

Any. Docket No.: MSFT-01802US1 PATENT ASSIGNMENT MS Docket No.: 341698.01

I <u>Thomas Forsythe</u> an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>CONVERSATION</u>, <u>PRESENCE AND CONTEXT DETECTION FOR HOLOGRAM SUPPRESSION</u>" ("APPLICATION"), which:

Ø	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 January 16, 2015 and given Application No. 14/598,578 by
	the following Office S - United States Patent and Trademark Offices
	APPLICATION's Application No., filing date, and Office, when known:

																									O	
																				f						

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

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

Thomas Forsythe

Printed Name in English

(if other than English)

Atty. Docket No.: MSFT-01802US1 PATENT ASSIGNMENT MS Docket No.: 341698.01

I <u>Jeffrey A. Kohler</u> an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>CONVERSATION</u>, <u>PRESENCE AND CONTEXT DETECTION FOR HOLOGRAM SUPPRESSION</u>" ("APPLICATION"), which:

\boxtimes	will	be	filed.	ASSIGNOR	hereby	authoriz	es, and	requests,
			-	representat oft Way, Redi	·			_
	LEGA on J	AL R lanua	EPRESEN ary 16, 20	TATIVES), to 015 and giv	o insert ⁄en Appli	here in	parenthe 5. 14/598,	eses (filed 578 by
			_	မြ <u>န် - United</u> oplication No				
		filed		ē	_		olication	
	No_			$_{}$ by the fo	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	
Application No.	rining Date	Office	
-			
		-	

Page 1 of 2

PATENT

REEL: 041238 FRAME: 0467

Deff de- Inventor's Signature	1 /5/15 Date
Jeffrey A. Kohler Printed Name in English	Printed Name in Native Language
_	(if other than English)

I <u>Brian Murphy</u> an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>CONVERSATION</u>, <u>PRESENCE AND CONTEXT DETECTION FOR HOLOGRAM SUPPRESSION</u>" ("APPLICATION"), which:

Z	will	be	filed.	ASSIGNOR	hereby	authorizes,	and	requests,	
	ASSI	GNE	E'S legal	representat	ive, Mici	osoft Techn	ology	Lićensing,	
						ashington 98			
	LEG/	AL R Jan	EPRESEN uary 16,	ITATIVES), t 2015 and giv	o insert /en Appli	here in pa cation No. s Patent and	renth	ises (filed 98,578 bv	
	the	follo	wing Off	ice US - Unite	ed State:	s Patent and	Trade	mark Offi this	ce
	APPL	JCA	ΠΟΝ's A	pplication No	o., filling (date, and Offi	ce, wh	en known;	
3	was	filed	on		ind was i	given Applica	ition		
	No_	***************		by the f	ollowing	Office			
	łł	**********			»,				

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.	•	Office	
***************************************		***************************************	

12 m	1/15/2015			
Inventor's Signature	Date /			
Brian Murphy				
Printed Name in English	Printed Name in Native Language (if other than English)			