504736938 01/19/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4783664

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:	15869914

CORRESPONDENCE DATA

504736938

Fax Number: (202)857-6395

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: 2028576000

Email: usdocket@microsoft.com, patentdocket@arentfox.com

Correspondent Name: ARENT FOX LLP **Address Line 1:** 1717 K STREET, NW

Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER: 037834.00930/341698US-CNT

NAME OF SUBMITTER: NATASHA BROWN

PATENT REEL: 044664 FRAME: 0765

SIGNATURE:	/Natasha Brown/
DATE SIGNED:	01/19/2018

Total Attachments: 18

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> PATENT REEL: 044664 FRAME: 0766

I <u>Arthur Charles Tomlin</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:

	will be	filed.	ASSIGNOR	hereby	authorizes,	and requ	ests,
	ASSIGNE	E'S legal	representat	ive, Micr	osoft Techno	ology Licens	sing,
	LLC., On	e Microso	oft Way, Redi	mond, Wa	ashington 980)52 (ASSIGN	EE'S
	LEGAL R	REPRESEN	TATIVES), t	o insert	here in pai	entheses (filed
	on		and giv	en Appli	cation No		_ by
	the follo	wing Offi	ce)	this
	APPLICA	TION's Ap	oplication No	o., filing o	late, and Offic	e, when kno	own;
/	was filed	l on <u>Janu</u>	ary 16, 201	nd was q	given Applicat	ion	
	No 14/59	} 8,578	by the f	ollowing	Office		
		atent Offi		". ——".			

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	
15/869,914	January 12, 2018	U.S.	

Q-ETAL:	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:

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 January 16, 2015 and given Application No.14/598,578 b
the following OfficeUS - United States Patent and Trademark Offic
APPLICATION's Application No., filing date, and Office, when known
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Application No.	Filing Date	Office	
15/869,914	January 12, 2018	U.S.	

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).

Dave Hill
Printed Name in English

Printed Name in English

(if other than English)

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

\boxtimes	will	be	filed.	ASSIGNOR	hereby	autho	rizes,	and	requests,
	ASSI	GNE	E'S lega	l represental	tive, Mic	rosoft [*]	Techno	ology	Licensing,
	LLC.	, On	e Micros	oft Way, Red	mond, W	ashingt	on 980)52 (<i>/</i>	ASSIGNEE'S
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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. 15/869,914	Filing Date	Office	
15/869,914	January 12, 2018	U.S.	
***************************************			***************************************

			(* m) (*) (*)

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

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	autho	rizes,	and r	equests,
	ASSI	GNE	E'S lega	l representa	tive, Mic	rosoft [*]	Techno	logy L	icensing,
	LLC.	, On	e Micros	oft Way, Red	mond, W	ashingt	on 980)52 (AS	SIGNEE'S
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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	
15/869,914	January 12, 2018	U.S.	

Page 1 of 2

PATENT REEL: 044868 FRAME: 0459

MS Docket No.: 341698.01

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).

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

REEL: 044268 FRAME: 0464

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</u> CONTEXT DETECTION FOR HOLOGRAM SUPPRESSION" ("APPLICATION"), which:

\boxtimes	will	be	filed.	ASSIGNOR	hereby	auth	orizes,	and	requ	ıests,
	ASSI	GNE	E'S lega	l representa	tive, Mici	rosoft	Techno	ology	Licen	sing,
	LLC.	, One	e Micros	oft Way, Red	mond, W	ashing	ton 98	052 (4	ASSIGI	NEE'S
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	on _	Janu	ary 16, 2	NTATIVES), t 2015 and gi US - United fice	ven App <u>l</u> i	cation	No	4/598	,5/8	by
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Application No.	Filing Date	Office	
15/869,914	January 12, 2018	U.S.	

fason Sub	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 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 OffUS - United States Patent and Trademark Officenis
	APPLICATION's Application No., filing date, and Office, when known;
	was filed on and was given Application
	No by the following Office
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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	
15/869,914	January 12, 2018	U.S.	
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Cameran & arm	1/12/2015
Inventor's Signature	Date
Cameron G. Brown	
Printed Name in English	Printed Name in Native Language
	(if other than English)

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:

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Inventor's Signature

Thomas Forsythe

Printed Name in English

(if other than English)

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</u> AND CONTEXT DETECTION FOR HOLOGRAM SUPPRESSION* ("APPLICATION"), which:

\boxtimes	will	be	filed.	ASSIGNOR	hereby	autho	rizes,	and	requ	uests,
	ASSI	GNE	E'S legal	representa	tive, Mici	rosoft	Techno	ology	Licer	ısing,
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Application No.	Filing Date	Office	
15/869,914	January 12, 2018	U.S.	
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Page 1 of 2

PATENT

REEL: 044268 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:

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Application No.	Filing Date	Office	
15/869,914	January 12, 2018	U.S.	
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n Ann.	1/15/10
Inventor's Signature	
Brian Murphy	
Printed Name in English	Printed Name in Native Language (if other than English)