504580501 10/04/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4627213

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TRAVIS WILLIAM STEINER	11/12/2015
SHANNON RICHARD MONROE	11/17/2015
EMIKO VALIANE CHARBONNEAU	11/13/2015
MICHAL HLAVAC	11/18/2015
BRIAN MURPHY	11/17/2015
DAVID M. HILL	11/17/2015
JIA WANG	11/16/2015

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:	14946737

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.

Email: usdocket@microsoft.com
Correspondent Name: NEWPORT IP, LLC

Address Line 1: 1400 112TH AVE SE, SUITE 100
Address Line 4: BELLEVUE, WASHINGTON 98004

ATTORNEY DOCKET NUMBER:	6265US
NAME OF SUBMITTER:	NOEMI TOVAR
SIGNATURE:	/NOEMI TOVAR/
DATE SIGNED:	10/04/2017

Total Attachments: 14

PATENT REEL: 043784 FRAME: 0316

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PATENT REEL: 043784 FRAME: 0317

PATENT ASSIGNMENT		MS Docket N	Io.: 🤰	357887.01
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Travis William	Steiner	("ASSIGNOR	') am	the original inventor
or an original joint inventor of s	ubject matter	("INVENTION") d	sclose	ed and/or claimed in
a patent application entitled				
CONTEXT-AWARE RECOMMENDA	TIONS OF RELE IN MIXED ENVI	VANT PRESENTA RONMENTS	TION C	ONTENT DISPLAYED
("APPLICATION"), which:				
will be filed. ASSIGNEE'S legal LLC., One Microso LEGAL REPRESEN on 11/19/2015 the following Offi this APPLICATION known;	representative oft Way, Redmo TATIVES), to and give ce <u>US - United</u>	e, Microsoft Tec ond, Washington insert here in n Application No States Patent an	hnolo 9805 parer 14 d Trac	gy Licensing, 2 (ASSIGNEE'S otheses (filed /946,737by lemark Office)
was filed on	an	d was given App	licatio	on.
No	by the fol	owina Office US	- Uni	ted States
Patent and Trade			•	
Microsoft Technology Libehalf of itself and its successor of acquiring, the entire and expriority, in the INVENTION and derived therefrom, such as counited States, its territories, and ASSIGNOR hereby authorized	ors and assigns xclusive right: the APPLICAT intinuing appli and all foreign o	("ASSIGNEE"), is s, title and inter ION (and all othe cations, in whole countries ("APPLI	entitle est, ir er app e or ir CATIO	ed to, and is desirous neluding the right of lications and patents neart, in and for the NOTIVES"));
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Page 1 of 2

PATENT ASSIGNMENT	NT MS Docket No.: 357887.01	
	Attorney Docket No.: 6265US	

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Inventor's Signature	Date
Travis William Steiner	
Printed Name in English	Printed Name in Native Language
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PATENT ASSIGNMENT	MS Docke	rNo∵ :	357887.01
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Shannon Richard I			
or an original joint inventor of su	bject matter ("INVENTION")	disclos	ed and/or claimed in
a patent application entitled			
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("APPLICATION"), which:			
	ASSIGNOR hereby author		
LLC., One Microsoft LEGAL REPRESENTA	epresentative, Microsoft T : Way, Redmond, Washingto ATIVES), to insert here i and given Application I	on 9805 n parei	2 (ASSIGNEE'S ntheses (filed
the following Office	US - United States Patent Application No., filing d	and Trac	<u>demark Office</u>)
was filed on	and was given A	oplicatio	on
	by the following Office		
Patent and Tradem	*		
Microsoft Technology Lice behalf of itself and its successors of acquiring, the entire and exc priority, in the INVENTION and the derived therefrom, such as cont United States, its territories, and	clusive rights, title and int ne APPLICATION (and all of inuing applications, in wh	is entitle erest, ir her app ole or ir	ed to, and is desirous ncluding the right of dications and patents n part, in and for the
	zes, and requests, ASSIGNI		
to insert the Application No., fi		the fol	llowing table for any
APPLICATION DERIVATIVES after	§	O.C.	
Application No.	Filing Date	Office	

PATENT ASSIGNMENT	MS Docket No.: 357887.01
	Attorney Docket No.: 6265US

SL-72 M	November 17, 2015
Inventor's Signature	Date
Shannon Richard Monroe	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT AS	SSIGNMENT	MS Docke	et No.:	357887.01
		Attorney Docke	et No.:	6265US
1	Emiko Valiane Charb	oonneau ("ASSIGN	OR") am	the original inventor
or an origina	d joint inventor of sub	oject matter ("INVENTION") disclos	sed and/or claimed in
a patent app	lication entitled			
CONTEXT-AV	VARE RECOMMENDATION IN	ONS OF RELEVANT PRESEN MIXED ENVIRONMENTS	TATION	CONTENT DISPLAYED
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		and given Application		
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	known;			
	was filed on	and was given A	policati	on
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Micro	soft Technology Licer	nsing, LLC, a Washington	limited	liability company, on
		and assigns ("ASSIGNEE"),		
		lusive rights, title and in		
		e APPLICATION (and all o		
		nuing applications, in wh		
		all foreign countries ("APF		
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ASSIC	NOR hereby authoriz	es, and requests, ASSIGN	ee's lec	GAL REPRESENTATIVES
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PATENT ASSIGNMENT	MS Docket No.: 357887.01		
	Attorney Docket No.: 6265US		

9-2 Wan Our	- 11/13/15
Inventor's Signature	Date
Emiko Valiane Charbonneau	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT AS	SIGNMENT		MS Do	cket No.:	357887.01
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Í	Mich	al Hlavac	("ASSI	GNOR") an	n the original inventor
					sed and/or claimed in
a patent app	lication entitle	d			
CONTEXT-AV	VARE RECOMMI	ENDATIONS OF F IN MIXED E	RELEVANT PRES	SENTATION	CONTENT DISPLAYED
("APPLICATIO					
	ASSIGNEE'S I LLC., One Mid LEGAL REPRI on 11/19/201 the following	egal represent crosoft Way, Re ESENTATIVES), 15and o Office <u>US – Un</u>	ative, Microso dmond, Washii to insert hei jiven Applicatio ted States Pate	ft Technol ngton 980 re in paro on No. <u>14</u> ent and Tra	and requests, logy Licensing, 52 (ASSIGNEE'S entheses (filed 1/946,737 by idemark Office) d Office, when
	No	by the	following Offi		
behalf of itse of acquiring priority, in the derived there	olf and its succ , the entire and the INVENTION efrom, such a	essors and assind exclusive right and the APPLIC s continuing ap	gns ("ASSIGNE ghts, title and CATION (and al oplications, in	E"), is entit interest, Il other ap whole or	I liability company, on led to, and is desirous including the right of plications and patents in part, in and for the ON DERIVATIVES"));
					GAL REPRESENTATIVES
		No., filing date after they are			ollowing table for any
Application		Filing D		Office	
Application					

PATENT ASSIGNMENT	MS Docket No.: 357887.01		
	Attorney Docket No.: 6265US		

1-Xh4	11/18/2015
Inventor's Signature	Date
Michal Hlavac	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT A	SSIGNMENT	MS Docket No.: <u>357887.01</u>
		Attorney Docket No.: 6265US
	Brian Murphy	("ASSIGNOR") am the original inventor
or an origina	al joint inventor of subje	ct matter ("INVENTION") disclosed and/or claimed in
_	olication entitled	
CONTEXT-A	WARE RECOMMENDATION IN M	IS OF RELEVANT PRESENTATION CONTENT DISPLAYED IXED ENVIRONMENTS
("APPLICATION	ON"), which:	
\boxtimes	will be filed. ASS	IGNOR hereby authorizes, and requests,
	ASSIGNEE'S legal repr	esentative, Microsoft Technology Licensing,
		ay, Redmond, Washington 98052 (ASSIGNEE'S
	LEGAL REPRESENTATI	VES), to insert here in parentheses (filed
		and given Application No. 14/946,737 by
		<u>i – United States Patent and Trademark Office)</u> pplication No., filing date, and Office, when
	known;	ppireation from fining dute, and emiss, including
	was filed on	and was given Application
	NoI	by the following Office <u>US - United States</u>
	Patent and Trademark	Office;
behalf of its of acquiring priority, in t derived the	elf and its successors and, the entire and exclusing the invention and the invertion, such as continu	ing, LLC, a Washington limited liability company, on ad assigns ("ASSIGNEE"), is entitled to, and is desirous sive rights, title and interest, including the right of APPLICATION (and all other applications and patents ing applications, in whole or in part, in and for the foreign countries ("APPLICATION DERIVATIVES"));
ASSIC		, 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.	Filing Date	Office

PATENT ASSIGNMENT	MS Docket No.: 357887.01		
	Attorney Docket No	6265US	
	<u> </u>		

Palan	11/17/2015
Inventor's Signature	Date
Brian Murphy	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT		MS Docket No.:	357887.01
		Attorney Docket No.	6265US
a patent app	lication entitled	("ASSIGNOR") a ject matter ("INVENTION") discl ons of RELEVANT PRESENTATIO MIXED ENVIRONMENTS	
("APPLICATIO)N"), which:		
	ASSIGNEE'S legal replaced LLC., One Microsoft Management of LEGAL REPRESENTATION 11/19/2015 the following Office 1	SSIGNOR hereby authorizes, presentative, Microsoft Techn Way, Redmond, Washington 98 TIVES), to insert here in pa and given Application No. 1 US – United States Patent and Tapplication No., a	ology Licensing, 052 (ASSIGNEE'S trentheses (filed 14/946,737 by rademark Office)
		and was given Applica by the following Office <u>US - U</u> rk Office;	
behalf of itse of acquiring priority, in the derived ther United State	elf and its successors and the entire and exclude the invention and the efform, such as contires, and a	nsing, LLC, a Washington limiter and assigns ("ASSIGNEE"), is ent usive rights, title and interest a APPLICATION (and all other a nuing applications, in whole of all foreign countries ("APPLICAT	titled to, and is desirous, including the right of applications and patents in part, in and for the TION DERIVATIVES"));
ASSIG	NOR hereby authorize	es, and requests, ASSIGNEE'S L	EGAL REPRESENTATIVES
	e Application No., fill N DERIVATIVES after t	ng date, and Office into the hey are known:	Tollowing table for any
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ASSIGNMENT

PATENT ASSIGNMENT	MS Docket No.: 357887.01			
	Attorney Dock	et No.:	6265US	
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tmventor's Signature David M. Hill) 17, 7, 13/4
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT AS	SSIGNMENT	MS Docket	No.:	357887.01
		Attorney Docket	No.:	6265US
<u>.</u>	Jia Wang	("ASSIGNO)R") an	n the original inventor
or an origina	l joint inventor of su	bject matter ("INVENTION")	disclo	sed and/or claimed in
a patent app	lication entitled			
CONTEXT-AV	VARE RECOMMENDAT	IONS OF RELEVANT PRESENT N MIXED ENVIRONMENTS	TATION	CONTENT DISPLAYED
("APPLICATIO	ON"), which:			
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	ILC One Microsof	t Way, Redmond, Washingto	n 980	52 (ASSIGNEE'S
	LEGAL REPRESENT	ATIVES), to insert here i	n par	entheses (filed
	on 11/19/2015	and given Application A	lo. <u>1</u>	4/946 <u>,737</u> by
	the following Office	<u> US – United States Patent s</u>	ind Tr	ademark Office)
	this APPLICATION'S	s Application No., filing da	ite, an	d Office, when
	known;			
	was filed on	and was given Ap	plicat	ion
Sanoni		by the following Office _		
	Patent and Tradem		***************************************	
Micro	soft Technology Lice	ensing, LLC, a Washington I	limited	t liability company, on
behalf of its	elf and its successors	s and assigns ("ASSIGNEE"),	is enti	tled to, and is desirous
of acquiring	, the entire and exc	clusive rights, title and int	erest,	including the right of
priority, in t	he INVENTION and t	he APPLICATION (and all ot	her ap	plications and patents
derived ther	efrom, such as cont	inuing applications, in who	ole or	in part, in and for the
United State	s, its territories, and	all foreign countries ("APP	LICATI	ON DERIVATIVES)),
۵۶۶۱۵	:NOR herehy authori	zes, and requests, ASSIGNE	E'S LE	GAL REPRESENTATIVES
to insert th	e Application No., f	iling date, and Office into	the f	ollowing table for any
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Application	7777777777777777777777777	Filing Date	Office	

PATENT ASSIGNMENT	MS Docket No.: 357887.01		
	Attorney Dock	et No.: 6265US	
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1/201/b	11/16/2015
Inventor's Signature	Date
Jie Wang	王基
Printed Name in English	Printed Name in Native Language (if other than English)