503746984 03/21/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3793629

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DMITRIY MEYERZON	03/14/2016
DAVID M. COHEN	03/16/2016
ADAM FORD	03/14/2016
ANDREW C. HAON	03/16/2016
RYAN NAKHOUL	03/14/2016
JASON GLENN SILVIS	03/14/2016
VIDYA SRINIVASAN	03/17/2016
DENISE TRABONA	03/15/2016

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:	15075681

CORRESPONDENCE DATA

Fax Number: (509)944-4692

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.

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Address Line 1:601 W. RIVERSIDE AVE, SUITE 1400Address Line 4:SPOKANE, WASHINGTON 99201

ATTORNEY DOCKET NUMBER:	MS1-6444US
NAME OF SUBMITTER:	CHERYL CAMPBELL
SIGNATURE:	/Cheryl Campbell/

PATENT 503746984 REEL: 038055 FRAME: 0613

DATE SIGNED:	03/21/2016
Total Attachments: 16	
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PATENT REEL: 038055 FRAME: 0614

PATENT AS	SSIGNMENT	MS Dock	et No.:	359250.01
		Attomey Dock	et No.:	MS1- 6444US
or an origina a patent app	ll joint inventor of si lication entitled	rzon ("ASSIGN ubject matter ("INVENTION" R PERSONALIZED CONTENT F) disclo	sed and/or claimed ir
("APPLICATIO	DN"), which:			
8	ASSIGNEE'S legal in LLC., One Microsoft LEGAL REPRESENT on March 21, 20 the following Offic	ASSIGNOR hereby authorepresentative, Microsoft for Way, Redmond, Washingt faTIVES), to insert here for and given Application to US — United States Patent for a Application of Application of the Applicati	Fechnolon 980: in pare No. <u>15</u> and Tra	ogy Licensing, 52 (ASSIGNEE'S entheses (filed /075,681_by demark Office)
		and was given A by the following Office ! lark Office:		
behalf of itse of acquiring priority, in the derived there	olf and its successor the entire and ex- ne INVENTION and t efrom, such as cont	ensing, LLC, a Washington s and assigns ("ASSIGNEE"), clusive rights, title and int he APPLICATION (and all ot tinuing applications, in who I all foreign countries ("APP	is entiti erest, i her app ole or i	led to, and is desirous ncluding the right of plications and patents n part, in and for the
to insert the		zes, and requests, ASSIGNE iling date, and Office into they are known:		
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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"));

Quitry Mey	
Inventor's Signature	Date
Dmitriy Meyerzon	
Printed Name in English	Printed Name in Native Language
	(if other than English)

Application No. Filing Date Office

MS Docket No.: 359250.01

Attorney Docket No.: MS1- 6444US

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"));

Darif M. Col	March 16, 2016
Inventor's Signature	Date
David M Cohen	
Printed Name in English	Printed Name in Native Language (if other than English)

Application No.	Filing Date	Office	
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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"));

	03/14/2016
Inventor's Signature	Date
Adam Ford	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT AS	SSIGNMENT		No.: <u>359250.01</u>
		Attorney Docket	No.: MS1- 6444US
I	Andrew C. H	Bon ("ASSIGNOF	.") am the original inventor
or an origina		ubject matter ("INVENTION") d	
U	ISER INTERFACES FOI	R PERSONALIZED CONTENT RE	COMMENDATION
("APPLICATION	ON"), which:		
	ASSIGNEE'S legal of LLC., One Microsoft LEGAL REPRESENT on March 21, 2 the following Official Control of the	ASSIGNOR hereby authorize representative, Microsoft Teact Way, Redmond, Washington ATIVES), to insert here in 016 and given Application No. Washing dates application No., filing dates application No., filing dates application No.,	chnology Licensing, 98052 (ASSIGNEE'S parentheses (filed s. 15/075, 681 by d Trademark Office)
		and was given App by the following Office <u>US</u> <u>ark Office</u> ;	
behalf of itse of acquiring priority, in t derived ther United State  ASSIC to insert the APPLICATION	elf and its successors, the entire and exi he INVENTION and t efrom, such as conf s, its territories, and INOR hereby authori e Application No., f N DERIVATIVES after	}	entitled to, and is desirous est, including the right of er applications and patents or in part, in and for the CATION DERIVATIVES"));  S LEGAL REPRESENTATIVES ne following table for any
Application	! No.	Filing Date O	ffice

MS Docket No.: 359250.01

Attorney Docket No.: MS1-6444US

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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

Date

Andrew C. Haon

Printed Name in English

Printed Name in Native Language

(if other than English)

PATENT AS	SIGNMENT	MS Docket	No.:	359250.01
		Attorney Docket	No.:	MS1- 6444US
a patent appi	l joint inventor of su lication entitled	<u>ul</u> ("ASSIGNO bject matter ("INVENTION") R PERSONALIZED CONTENT RE	disclo	sed and/or claimed in
("APPLICATIO	N"), which:			
	ASSIGNEE'S legal r LLC., One Microsoft LEGAL REPRESENT, on March 21, 2010 the following Office	ASSIGNOR hereby authoricepresentative, Microsoft Teat Way, Redmond, Washington ATIVES), to insert here in and given Application New Materials States Patent and Application New Application New Application No., filing dates Application No., filing dates	chnoin 980 n 980 n pare o. <u>15</u> nd Tra	logy Licensing, 52 (ASSIGNEE'S entheses (filed /075,681_by ademark Office)
	was filed on	and was given Ap	olicati	ion
		$\underline{}$ by the following Office $\underline{}$		<u>vited States</u>
behalf of itse of acquiring, priority, in th derived there	if and its successors the entire and exc ie INVENTION and the efrom, such as cont	ensing, LLC, a Washington li and assigns ("ASSIGNEE"), is dusive rights, title and inte ne APPLICATION (and all oth inuing applications, in who all foreign countries ("APPL	s entit rest, i er ap le or i	led to, and is desirous including the right of plications and patents in part, in and for the
to insert the	•	zes, and requests, ASSIGNEE ling date, and Office into they are known:		
Application			Office	

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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")):

Ryan Nakhoul	03/14/2016 Date
Printed Name in English	Printed Name in Native Language (if other than English)

Application No.	Filing Date	Office	
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MS Docket No.: 359250.01

Attorney Docket No.: MS1-8444US

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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"));

		3/14/16
***************************************	Inventor's Signature	Date
***************************************	Jason Glenn Silvis	
,,,,,,,,,,	Printed Name in English	Printed Name in Native Language
		(if other than English)

PATENT AS	SIGNMENT	MS Docket No.:	359250 01
		Attorney Docket No.:	**************************************
1	Vidya Srinivasan		
or an origina a patent app	l joint inventor of subject mat lication entitled SER INTERFACES FOR PERSON/	ter ("INVENTION") disclo	sed and/or claimed in
("APPLICATIO	N"), which:		
	will be filed. ASSIGNOR ASSIGNEE'S legal representa LLC., One Microsoft Way, Rec LEGAL REPRESENTATIVES), on March 21, 2016 and g the following Office US – Unit this APPLICATION's Applicat known;	itive, Microsoft Techno Imond, Washington 980 to insert here in pare iven Application No. <u>15/</u> ed States Patent and Tra	logy Licensing, 52 (ASSIGNEE'S entheses (filed <u>075,681</u> by udemark Office)
	was filed on by the	and was given Applicati following Office <u>US – Ur</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
	30 30 000 30	
*	#	
8	****	

MS Docket No.: 3 <u>59250.01</u>	
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Attorney Docket No.: MS1-6444US

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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"));

lidyo.S.	03/17/2016	
Inventor's Signature	Date	
Vidya Srinivasan		
Printed Name in English	Printed Name in Native Language	
	(if other than English)	

PATENT ASSIGNMENT	MS Docket No.	359250.01
	Attorney Docket No.	: MS1- 6444US
or an original joint inventor of sub a patent application entitled	e ("ASSIGNOR") a ject matter ("INVENTION") disc PERSONALIZED CONTENT RECON	losed and/or claimed in
("APPLICATION"), which:		
ASSIGNEE'S legal result., One Microsoft but LEGAL REPRESENTA on March 21, 2016 the following Office L	SSIGNOR hereby authorizes, presentative, Microsoft Techn Way, Redmond, Washington 98 TIVES), to insert here in parameter and given Application No. 1 US – United States Patent and TAPPlication No., filing date, a	iology Licensing, 8052 (ASSIGNEE'S arentheses (filed 5/075,681 by Trademark Office)
	and was given Applica _ by the following Office <u>US – I</u> rk Office;	
Microsoft Technology Licer behalf of itself and its successors a of acquiring, the entire and exclu- priority, in the INVENTION and the derived therefrom, such as continuited States, its territories, and a	usive rights, title and interest a APPLICATION (and all other a nuing applications, in whole o	titled to, and is desirous i, including the right of applications and patents r in part, in and for the
ASSIGNOR hereby authorize to insert the Application No., fili APPLICATION DERIVATIVES after t		
	Filing Date Office	ce

PATENT ASSIGNMENT	MS Docket No.: 359250.01		
	Attorney Docket No.: MS1-6444US		

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

Denise Trabona

Printed Name in English

Printed Name in Native Language
(if other than English)