504342059 04/27/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4388747

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALEXANDER BURBA	12/07/2012
BRANDON HUNT	12/10/2012
MICHAEL GALLOP	12/11/2012
SCOTT ROSEMUND	12/11/2012
FRANK R. MORRISON III	12/11/2012
MARK J. MCNULTY	12/13/2012
NIMA GANJEH	12/11/2012

RECEIVING PARTY DATA

Name:	MICROSOFT CORPORATION
Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15499517

CORRESPONDENCE DATA

Fax Number: (425)936-7329

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: 425-707-9382

Email: usdocket@microsoft.com

Correspondent Name: MICROSOFT CORPORATION

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	337125-US-CNT[2]
NAME OF SUBMITTER:	CATHERINE POLANCE
SIGNATURE:	/Catherine Polance/
DATE SIGNED:	04/27/2017

PATENT 504342059 REEL: 042168 FRAME: 0890

Total Attachments: 14 source=Assignment (inventors to MS) 337125-US-CNT[2]#page1.tif source=Assignment (inventors to MS) 337125-US-CNT[2]#page2.tif source=Assignment (inventors to MS) 337125-US-CNT[2]#page3.tif source=Assignment (inventors to MS) 337125-US-CNT[2]#page4.tif source=Assignment (inventors to MS) 337125-US-CNT[2]#page5.tif source=Assignment (inventors to MS) 337125-US-CNT[2]#page6.tif source=Assignment (inventors to MS) 337125-US-CNT[2]#page7.tif source=Assignment (inventors to MS) 337125-US-CNT[2]#page8.tif source=Assignment (inventors to MS) 337125-US-CNT[2]#page9.tif source=Assignment (inventors to MS) 337125-US-CNT[2]#page10.tif source=Assignment (inventors to MS) 337125-US-CNT[2]#page11.tif

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PATENT REEL: 042168 FRAME: 0891

PATENT ASSIGNMENT MS Docket No.: 337125.01

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			inventor or an original joint
	•		and/or claimed in a patent
- *		-ACQUISITION SOURCE SE	LECTION AND MANAGEMENT"
("APPLICATION")	• •		
⊠ Wi	ill be filed.	ASSIGNOR hereby auth	orizes, and requests,
AS	SSIGNEE'S legal 1	epresentatives, of the Lav	v and Corporate Affairs
De	epartment, Micro	osoft Corporation, One Mi	crosoft Way, Redmond,
	~	(ASSIGNEE'S LEGAL REPR	• •
he	ere in parenth	eses (filed on14-DE	C-2012 and given
.,, Ap	oplication No.	13/715834 by 1	the following Office
	US Patent and Trac	emark Office	nis APPLICATION's
Ap	oplication No., fi	ling date, and Office, whe	n known;
. 🔲 wa	as filed on	and was given .	
*****		by the following Office	; ;
15		**************************************	73-19
1 - C 13			**************************************
Microsoft	t Corporation, a	Washington Corporation	n, on behalf of itself and its
successors and	assigns ("ASSIC	INEE"), is entitled to, and	is desirous of acquiring, the
entire and excl	usive rights, titl	e and interest in the INVI	ENTION and the APPLICATION
(and all other	applications a	and patents derived the	refrom, such as continuing
applications, in	and for the L	nited States, its territori	es, and all foreign countries
("APPLICATION	DERIVATIVES"));		
ASSIGNO	R hereby	authorizes, and requ	iests, ASSIGNEE'S LEGAL
REPRESENTATIV	ES to insert the	ne Application No., filing	g date, and Office into the
following table	for any APPLICA	TION DERIVATIVES after th	iey are known;
Application No.		Filing Date	Office
15/227,613		August 3, 2016	US Patent and Trademark Office
15/499,517		April 27, 2017	US Patent and Trademark Office
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PATENT REEL: 042168 FRAME: 0892

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 in the INVENTION and the APPLICATION (and 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).

Sandre G. Burk	12/7/2012	
Inventor's Signature	Date	The state of the s
Alexander Burba	Александр Бурба	
Printed Name In English	Printed Name in Native Language (if other than English)	

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· Compression

MS Docket No.: 337125.01

	PATENT	ASSIGNMENT	MS Docket No.: <u>337125.01</u>
inventor of application (subject matter (entitled "CONTENT") N"), which: will be filed. ASSIGNEE'S legal Department, Micr Washington 9805 here in parenth Application No. US Patent and Trade	"INVENTION") disclosed -ACQUISITION SOURCE SE ASSIGNOR hereby authorepresentatives, of the Larosoft Corporation, One Modern Street St	w and Corporate Affairs icrosoft Way, Redmond, RESENTATIVES), to insert DEC-2012 and given the following Office his APPLICATION's
		and was given by the following Office	Application No
successors a entire and e (and all otl applications, ("APPLICATIO	and assigns ("ASSIO exclusive rights, tit her applications in and for the U ON DERIVATIVES"));	GNEE"), is entitled to, and le and interest in the INV and patents derived the United States, its territor authorizes, and req	n, on behalf of itself and its is desirous of acquiring, the ENTION and the APPLICATION erefrom, such as continuing ies, and all foreign countries uests, ASSIGNEE'S LEGAL
		he Application No., filin TION DERIVATIVES after t	g date, and Office into the hev are known:
Application N		Filing Date	Office
15/227,613		August 3, 2016	US Patent and Trademark Office
15/499,517		April 27, 2017	US Patent and Trademark Office

Page 1 of 2

PATENT ASSIGNMENT MS Docket No.: 337125.01

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 in the INVENTION and the APPLICATION (and 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).

= Satt	12/10/12
Inventor's Signature	Date
Brandon Hunt	
Printed Name in English	Printed Name in Native Language
	(if other than English)

inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled " <u>CONTENT-ACQUISITION SOURCE SELECTION AND MANAGEMENT</u> " ("APPLICATION"), which:
will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, 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
US 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

I Michael Gallop ("ASSIGNOR") am the original inventor or an original joint

Microsoft Corporation, a Washington Corporation, 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 in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, 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
15/227,613	August 3, 2016	US Patent and Trademark Office
15/499,517	April 27, 2017	US Patent and Trademark Office

PATENT ASSIGNMENT MS Docket No.: 337125.01

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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 Michael Gallop Printed Name in English Printed Name in Native Language (if other than English)

> **PATENT** Page 2 of 2

REEL: 042168 FRAME: 0897

inventor of	subject matter ("INVENTIO	۱") disclose	ed and/or	claimed	in a p	oatent
application e	ntitled " <u>CONTENT-ACQUISIT</u>	ON SOURCE	E SELECTIO	N AND M	<u>ANAGEN</u>	<u>иЕNТ</u> "
("APPLICATIO	N"), which:					
\boxtimes	will be filed. ASSIGNOR	hereby a	authorizes,	and red	μests,	
	ASSIGNEE'S legal representa	ives, of the	Law and C	orporate	Affairs	
	Department, Microsoft Corp	oration, One	e Microsoft	Way, Red	mond,	
	Washington 98052 (ASSIGNE here in parentheses (filed		REPRESENTA 14-DEC-2012		insert given	
	Application No. 13/71: US Patent and Trademark Office	by	y the fo this	llowing APPLICA		
	Application No., filing date,	and Office, v	when knowi	n;		
	was filed on	and was giv	ven Applica	tion No		
	by the foll	owing Office	e			
	u	".				

I Scott Rosemund ("ASSIGNOR") am the original inventor or an original joint

Microsoft Corporation, a Washington Corporation, 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 in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

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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).

M	12/11/12
Ínventor's Signature	Date
Scott Rosemund	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 337125.01 I Frank R. Morrison III ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONTENT-ACQUISITION SOURCE SELECTION AND MANAGEMENT" ("APPLICATION"), which: ASSIGNOR hereby authorizes, and requests, will be filed. ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert 14-DEC-2012 and given here in parentheses (filed on 13/715834 ___ by the following Office Application No. US Patent and Trademark Office APPLICATION'S this Application No., filing date, and Office, when known; was filed on _____ and was given Application No _____ by the following Office Microsoft Corporation, a Washington Corporation, 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 in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES")); LEGAL ASSIGNEE'S ASSIGNOR hereby authorizes. and requests. REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

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15/227,613	August 3, 2016	US Patent and Trademark Office
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Page 1 of 2

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 in the

MS Docket No.: 337125.01

INVENTION and the APPLICATION (and 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).

4.0	12/11/2
Inventor's Signature	Date
Frank R. Morrison III	
Printed Name in English	Printed Name in Native Language
	(if other than English)

inventor of subject matter ("INVENTION") disclosed and/or claimed in a paten
application entitled "CONTENT-ACQUISITION SOURCE SELECTION AND MANAGEMENT
("APPLICATION"), which:
oxtimes will be filed. ASSIGNOR hereby authorizes, and requests,
ASSIGNEE'S legal representatives, of the Law and Corporate Affairs
Department, Microsoft Corporation, One Microsoft Way, Redmond,
Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert
here in parentheses (filed on ^{14-DEC-2012} and given
Application No. $\underline{\hspace{1cm}}^{13/715834}$ by the following Office
US Patent and Trademark Office) this APPLICATION's
Application No., filing date, and Office, when known;
\square was filed on and was given Application No
by the following Office

I Mark J. McNulty ("ASSIGNOR") am the original inventor or an original joint

Microsoft Corporation, a Washington Corporation, 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 in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

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MS Docket No.: 337125.01

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Inventor's Signature

Mark J. McNulty

Printed Name in English

Date

Printed Name in Native Language

(if other than English)

I <u>Nima</u>	Ganjey ("ASSIGNOR") am the original inventor or an original joint inventor
of subject n	natter ("INVENTION") disclosed and/or claimed in a patent application
entitled " <u>C</u>	ONTENT-ACQUISITION SOURCE SELECTION AND MANAGEMENT"
("APPLICATIO	N"), which:
\boxtimes	will be filed. ASSIGNOR hereby authorizes, and requests,
	ASSIGNEE'S legal representatives, of the Law and Corporate Affairs
	Department, Microsoft Corporation, One Microsoft Way, Redmond,
	Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert
	here in parentheses (filed on and given
	Application No13/715834 by the following Office
	US 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
	<i>u</i> , , , , , , , , , , , , , , , , , , ,

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Inventor's Signature			Date			
Nima Ganjeh						
Printed Name in Engl	sh		Printed	Name in Native I	Language	: . st . t
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and Assault						

Page 2 of 2

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