503835835 05/20/2016

EPAS ID: PAT3882483

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:

CORRECTIVE ASSIGNMENT

Corrective Assignment to correct the APPLICATION NUMBER OF 15018883 previously recorded on Reel 038394 Frame 0843. Assignor(s) hereby confirms the CORRECT APPLICATION NUMBER TO BE 15018833.

RESUBMIT DOCUMENT ID: 503809072

CONVEYING PARTY DATA

Name	Execution Date
ZHAOWEI CHARLIE JIANG	04/18/2016
STEVEN WILLIAM MACBETH	04/17/2016
SYED MUHAMMAD MUJAHID HASAN	04/14/2016
JACOB SABULSKY	04/22/2016

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:	15018833

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: 425-882-8080

Email: usdocket@microsoft.com

Correspondent Name: MICROSOFT TECHNOLOGY LICENSING, LLC.

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	335824.02
NAME OF SUBMITTER:	VLADAN M. VASILJEVIC
SIGNATURE:	/Vladan M. Vasiljevic/
DATE SIGNED:	05/20/2016

PATENT 503835835 REEL: 038657 FRAME: 0942

Total Attachments: 10 source=335824-02-USPTO-EPAS-Receipt#page1.tif source=335824-02-USPTO-EPAS-Receipt#page2.tif source=335824-02-Ex-Assignment#page1.tif source=335824-02-Ex-Assignment#page3.tif source=335824-02-Ex-Assignment#page4.tif source=335824-02-Ex-Assignment#page5.tif source=335824-02-Ex-Assignment#page5.tif source=335824-02-Ex-Assignment#page6.tif source=335824-02-Ex-Assignment#page7.tif source=335824-02-Ex-Assignment#page8.tif

PATENT REEL: 038657 FRAME: 0943 USPTO. EPAS. Receipt 4/27/16, 3:17 PM

Electronic Patent Assignment System

Confirmation Receipt

Your assignment has been received by the USPTO. The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZHAOWEI CHARLIE JIANG	04/18/2016
STEVEN WILLIAM MACBETH	04/17/2016
SYED MUHAMMAD MUJAHID HASAN	04/14/2016
JACOB SABULSKY	04/22/2016

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	
:			

USPTO. EPAS. Receipt 4/27/16, 3:17 PM

Application Number: 15018883

CORRESPONDENCE DATA

Fax Number: (425)936-7329 **Phone:** 425-882-8080

Email: usdocket@microsoft.com

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.

Correspondent Name: MICROSOFT TECHNOLOGY LICENSING, LLC.

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET

NUMBER:

335824.02

NAME OF SUBMITTER:

VLADAN M. VASILJEVIC

Signature:

/Vladan M. Vasiljevic/

Date:

04/27/2016

Total Attachments: 8

source=335824-02-Ex-Assignment#page1.tif

source=335824-02-Ex-Assignment#page2.tif

source=335824-02-Ex-Assignment#page3.tif

source=335824-02-Ex-Assignment#page4.tif

source=335824-02-Ex-Assignment#page5.tif

source=335824-02-Ex-Assignment#page6.tif

source=335824-02-Ex-Assignment#page7.tif

source=335824-02-Ex-Assignment#page8.tif

RECEIPT INFORMATION

EPAS ID: PAT3848525 **Receipt Date:** 04/27/2016

Return to home page

| HOME | INDEX | SEARCH | @BUSINESS | CONTACT US | PRIVACY STATEMENT

https://epas.uspto.gov/com/receipt.jsp?iname=OL8BG90ENLYB-22950

Page 2 of 2

inventor of subject matter ("INVE	NTION") disclosed and/or clair	original inventor or an original joint med in a patent application entitled WORK CONTENT" ("APPLICATION"),
representative, M Redmond, Washing here in parenthe by	IGNOR hereby authorizes, and icrosoft Technology Licensing ton 98052 (ASSIGNEE'S LEGAL Following Office the following Office blication No., filing date, and Of	, LLC, One Microsoft Way, REPRESENTATIVES), to insert and given Application No
was filed on <u>Februa</u> by the following Of	ary 8, 2016 and was given Applic fice " <u>USPTO</u> ";	ation No <u>15/018,833</u>
itself and its successors and assi entire and exclusive rights, title ar APPLICATION (and all other ap	gns ("ASSIGNEE"), is entitled t nd interest, including the right o plications and patents derive	ted liability company, on behalf of to, and is desirous of acquiring, the of priority, in the INVENTION and the ed therefrom, such as continuing territories, and all foreign countries
ASSIGNOR hereby authorize the Application No., filing date, an after they are known;	zes, and requests, ASSIGNEE'S d Office into the following table	LEGAL REPRESENTATIVES to insert e for any APPLICATION DERIVATIVES
Application No.	Filing Date	Office

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).

Page 1 of 2

MS Docket No.: 335824.02

MS Docket No.: 335824.02

Inventor's Signature

Zhaowei Charlie Jiang

Printed Name in English

Printed Name in Native Language (if other than English)

MS Docket No.: 335824.02 PATENT ASSIGNMENT I Steven William Macbeth ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "BIDIRECTIONAL MAPPING BETWEEN APPLICATIONS AND NETWORK CONTENT" ("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'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed given Application and on the following bv No.) this APPLICATION's Application No., filing date, and Office, when known; was filed on February 8, 2016 and was given Application No 15/018,833 by the following Office "USPTO 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.	F	iling Date	Office
			-

MS Docket No.: <u>335824.02</u>

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).

4	4/17/16	
Inventor's Signature	Date	
Steven William Macbeth		
Printed Name in English	Printed Name in Native Language	
	(if other than English)	

PATENT.	ASSIGNMENT	MS Docket No.: <u>335824.02</u>
ISyed Muhammad	l Mujahid Hasan	("ASSIGNOR") am the origina
inventor or an original joint inv		
claimed in a patent appli-	cation entitled "BIDIREC	TIONAL MAPPING BETWEEN
APPLICATIONS AND NETWORK	CONTENT" ("APPLICATION"	'), which:
\square will be filed.	ASSIGNOR hereby auth	orizes, and requests,
ASSIGNEE'S legal	representative, Microsoft	•
_	ft Way, Redmond, Washing	
	TATIVES), to insert here	·
on	and	given Application
No.	by	•
· · · · · · · · · · · · · · · · · · ·		
	iling date, and Office, whe	
••		,
X was filed on Febru	uary 8, 2016 and was give	n Application
	33 by the following O	
14013/010,0	by the following o	<u> </u>
Microsoft Technology Li	censing IIC a Washingto	n limited liability company, or
behalf of itself and its succe		
desirous of acquiring, the enti		
right of priority, in the INVENTI	-	
patents derived therefrom, suc		• •
for the United States, its		•
DERIVATIVES"));	territories, and an iore	ight countries (AFFEICATION
DERIVATIVES //,		
ASSIGNOR hereby	authorizes, and requ	uests, ASSIGNEE'S LEGAI
REPRESENTATIVES to insert t	•	·
following table for any APPLICA	• •	<u> </u>
Application No.	Filing Date	Office
Application No.	Filling Date	Office

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

Syed Muhammad Mujahid Hasan

Printed Name in English

04/14/2016 سیر می مجاہر حمس

MS Docket No.: 335824.02

Date

Printed Name in Native Language

(if other than English)

PATENT A	ASSIGNMENT	MS Docket No.: <u>335824.02</u>
I <u>Jacob Sabulsky</u> joint inventor of subject matte application entitled " <u>BIDIRECTIC</u> <u>CONTENT</u> " ("APPLICATION"), wh	er ("INVENTION") disclosed ONAL MAPPING BETWEEN	•
ASSIGNEE'S legal LLC, One Microsof LEGAL REPRESENT on No. Office	ASSIGNOR hereby auth representative, Microsoft ft Way, Redmond, Washing TATIVES), to insert here and by	Technology Licensing, yton 98052 (ASSIGNEE'S in parentheses (filed given Application the following) this APPLICATION's
	uary 8, 2016 and was given	
Microsoft Technology Lid behalf of itself and its success desirous of acquiring, the entity right of priority, in the INVENTIF patents derived therefrom, suc- for the United States, its to DERIVATIVES"));	ssors and assigns ("ASSIO re and exclusive rights, ti ON and the APPLICATION of h as continuing applicatio	tle and interest, including the (and all other applications and ns, in whole or in part, in and
ASSIGNOR hereby REPRESENTATIVES to insert the following table for any APPLICA	ne Application No., filing	=
Application No.	Filing Date	Office

MS Docket No.: 335824.02

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).

Can Duney	4/22/16
Inventor's Signature	Date
-	
Jacob Sabulsky	
Printed Name in English	Printed Name in Native Language
	(if other than English)

Page 2 of 2

PATENT REEL: 038657 FRAME: 0953

RECORDED: 05/03/2016