

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4767231

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ANDREW HAON	04/20/2017
NATHANIEL TERRELL CLINTON	04/17/2017
DMITRIY MEYERZON	05/18/2017
ADRI VERLAAN	04/21/2017
NIKITA VORONKOV	04/12/2017
JEFFREY L. WIGHT	04/21/2017
KRISTEN KAMATH	05/30/2017
ZHIHUA DONG	01/04/2018
DAVID M COHEN	04/17/2017
RYAN NAKHOUL	08/03/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MICROSOFT TECHNOLOGY LICENSING, LLC
<b>Street Address:</b>	ONE MICROSOFT WAY
<b>City:</b>	REDMOND
<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	98052
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15486007
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Email:</b>	usdocket@microsoft.com
<b>Correspondent Name:</b>	SCHWEGMAN LUNDBERG & WOESSNER, P.A.
<b>Address Line 1:</b>	P.O. BOX 2938
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55402-0938
<b>ATTORNEY DOCKET NUMBER:</b>	401650-US-NP 1777.054US1
<b>NAME OF SUBMITTER:</b>	ROWENA J ARTHURS

<b>SIGNATURE:</b>	/Rowena J Arthurs/
<b>DATE SIGNED:</b>	01/09/2018
<b>Total Attachments: 21</b> source=1777054us1Recordationcs1781353#page1.tif source=1777054us1Recordationcs1781353#page2.tif source=1777054us1Recordationcs1781353#page3.tif source=1777054us1Recordationcs1781353#page4.tif source=1777054us1Recordationcs1781353#page5.tif source=1777054us1Recordationcs1781353#page6.tif source=1777054us1Recordationcs1781353#page7.tif source=1777054us1Recordationcs1781353#page8.tif source=1777054us1Recordationcs1781353#page9.tif source=1777054us1Recordationcs1781353#page10.tif source=1777054us1Recordationcs1781353#page11.tif source=1777054us1Recordationcs1781353#page12.tif source=1777054us1Recordationcs1781353#page13.tif source=1777054us1Recordationcs1781353#page14.tif source=1777054us1Recordationcs1781353#page15.tif source=1777054us1Recordationcs1781353#page16.tif source=1777054us1Recordationcs1781353#page17.tif source=1777054us1Recordationcs1781353#page18.tif source=1777054us1Recordationcs1781353#page19.tif source=1777054us1Recordationcs1781353#page20.tif source=1777054us1Recordationcs1781353#page21.tif	

RECORDATION FORM COVER SHEET  
PATENTS ONLY

Atty Ref/Docket No.: 401650-US-NP (1777.054US1)

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Andrew Haon, Nathaniel Terrell Clinton, Dmitriy Meyerzon, Adri Verlaan, Nikita Voronkov, Jeffrey L. Wight, Kristen Kamath, Zhihua Dong, David M Cohen, Ryan Nakhoul

Additional name(s) of conveying party(ies) attached?

Yes  No

2. Name and address of receiving party(ies):

Name: Microsoft Technology Licensing, LLC

Street Address: One Microsoft Way

City: Redmond State: WA Zip: 98052

Country: United States of America

Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: April 20, 2017, April 17, 2017, May 18, 2017, April 21, 2017, April 12, 2017, April 21, 2017, May 30, 2017, January 4, 2018, April 17, 2017, August 3, 2017

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

Serial No. 15/486,007

B. Patent No.(s)

Filed April 12, 2017

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Alex D. Starkovich

Address:

Schwegman Lundberg & Woessner, P.A.  
P.O. Box 2938  
Minneapolis, Minnesota 55402--0938

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 0.00

Enclosed

Authorized to be charged to deposit account  
19-0743

8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743

**DO NOT USE THIS SPACE**

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Alex D. Starkovich/Reg. No. 56,925

Name of Person Signing

/Alex Starkovich/

Signature

January 8, 2018

Date

Total number of pages including cover sheet: 21

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks  
Mail Stop Assignment Recordation Services  
P.O. Box 1450  
Alexandria, VA 22313-1450

**PATENT**  
**REEL: 045029 FRAME: 0003**

I Andrew Haon ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ORGANIZATIONALLY PROGRAMMABLE INTRANET PUSH NOTIFICATIONS", 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 on \_\_\_\_\_ and given Application No. \_\_\_\_\_ by the following Office \_\_\_\_\_) this APPLICATION's Application No., filing date, and Office, when known;

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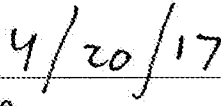
Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (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"));

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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"));

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Inventor's Signature	Date
Andrew Haon	
Printed Name in English	Printed Name in Native Language (if other than English)

I Nathaniel Terrell Clinton ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ORGANIZATIONALLY PROGRAMMABLE INTRANET PUSH NOTIFICATIONS", which:

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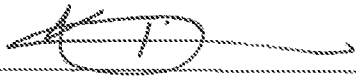
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	<u>4/17/2017</u>
Inventor's Signature	Date
Nathaniel Terrell Clinton	
Printed Name in English	Printed Name in Native Language (if other than English)

I Dmitriy Meyerzon ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ORGANIZATIONALLY PROGRAMMABLE INTRANET PUSH NOTIFICATIONS", which:

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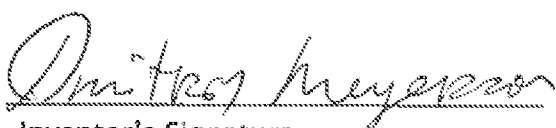
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 Inventor's Signature	<u>5/18/17</u> Date
<u>Dmitriy Meyerzon</u> Printed Name in English	 Printed Name in Native Language (if other than English)

I Adri Verlaan ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ORGANIZATIONALLY PROGRAMMABLE INTRANET PUSH NOTIFICATIONS", which:

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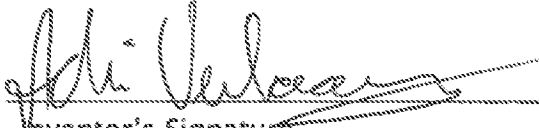
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 Inventor's Signature	<u>4/21/2017</u> Date
<u>Adri Verlaan</u> Printed Name in English	 Printed Name in Native Language (if other than English)

I Nikita Voronkov ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ORGANIZATIONALLY PROGRAMMABLE INTRANET PUSH NOTIFICATIONS", which:

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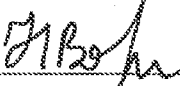
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	<u>4/17/17</u>
Inventor's Signature	Date
<u>Nikita Voronkov</u>	<u>НИКИТА ВОРОНКОВ</u>
Printed Name in English	Printed Name in Native Language (if other than English)

I Jeffrey L. Wight ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ORGANIZATIONALLY PROGRAMMABLE INTRANET PUSH NOTIFICATIONS", which:

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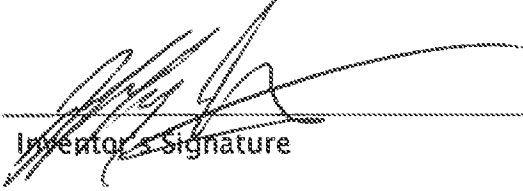
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	4/21/17
Inventor's Signature	Date
Jeffrey L. Wight	
Printed Name in English	Printed Name in Native Language (if other than English)

I Kristen Kamath (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “ORGANIZATIONALLY PROGRAMMABLE INTRANET PUSH NOTIFICATIONS”, which:

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	5/30/17
_____ Inventor's Signature	_____ Date
Kristen Kamath	
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I Zhihua Dong ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ORGANIZATIONALLY PROGRAMMABLE INTRANET PUSH NOTIFICATIONS", which:

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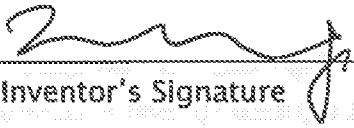
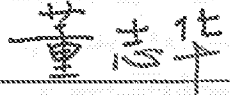
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 Inventor's Signature	01/04/2018 Date
Zhihua Dong Printed Name in English	 Printed Name in Native Language (if other than English)

I David M Cohen (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “ORGANIZATIONALLY PROGRAMMABLE INTRANET PUSH NOTIFICATIONS”, which:

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<u>David M Cohen</u>	<u>4/17/2017</u>
Inventor's Signature	Date
<u>David M Cohen</u>	<u></u>
Printed Name in English	Printed Name in Native Language (if other than English)

I Ryan Nakhoul ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ORGANIZATIONALLY PROGRAMMABLE INTRANET PUSH NOTIFICATIONS", 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 on \_\_\_\_\_ and given Application No. \_\_\_\_\_ by the following Office \_\_\_\_\_) this APPLICATION's Application No., filing date, and Office, when known;
- was filed on April 12, 2017 and was given Application No 15/486,007 by the following Office "US Patent Office";

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

