#### 505166530 10/30/2018

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

1 V1.2

EPAS ID: PAT5213298

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ULADZIMIR A. SKURATOVICH	12/08/2015
NAMENDRA KUMAR	12/03/2015
ANDREY BELENKO	12/04/2015
TIMOTHY MARK MOORE	12/07/2015

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Postal Code:	98052	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16162983

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	358901-US-CNT[2] /.676US2	
NAME OF SUBMITTER:	JACQUELINE PENNINGTON	
SIGNATURE:	/ Jacqueline Pennington /	
DATE SIGNED:	10/30/2018	

#### **Total Attachments: 9**

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PATENT REEL: 047357 FRAME: 0064

#### RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 358901-US-CNT[2] (1777.676US2) Patent and Trademark Office To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Uladzimir A. Skuratovich, Namendra Kumar, Andrey Belenko, Timothy Mark Moore Name: Microsoft Technology Licensing, LLC Street Address: One Microsoft Way Additional name(s) of conveying party(ies) attached? City: Redmond State: WA Zip: 98052 [ ]Yes [X]No Country: United States of America 3. Nature of conveyance: Additional name(s) & address(es) attached? [ ]Yes |X|No [X] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name [ ] Other Execution Date: <u>December 8, 2015, December 3, 2015, December 4, 2015, December 7, 2015</u> 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) B. Patent No.(s) Serial No. 16/162,983 Additional numbers attached? [ ]Yes [X]No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$ 0.00 Name: Joshua E. Garfield [ ]Enclosed [ ]Authorized to be charged to deposit account Address: 19-0743 Schwegman Lundberg & Woessner, P.A. P.O. Box 2938 8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743 Minneapolis, Minnesota 55402 DO NOT USE THIS SPACE 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. /Joshua E. Garfield/ October 29, 2018 Joshua E. Garfield/Reg. No. 58,416 Name of Person Signing Signature Date Total number of pages including cover sheet: 9

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: 047357 FRAME: 0065** 

## PATENT ASSIGNMENT MS Docket No.: 358901.01

I <u>Uladzimir A. Skuratovicl</u> joint inventor of subject matter application entitled " <u>Establishir</u> ("APPLICATION"), which:	r ("INVENTION") disclosed	•
ASSIGNEE'S legal r LLC., One Microsof LEGAL REPRESENT. on the following Of	ASSIGNOR hereby authorepresentative, Microsoft tway, Redmond, Washing ATIVES), to insert here and given Application office	Technology Licensing, ton 98052 (ASSIGNEE'S in parentheses (filed Noby) this
	nber 3, 2015 and was give following Office " <u>US</u> ";	n Application No
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	s and assigns ("ASSIGNEE") clusive rights, title and in he APPLICATION (and all o inuing applications, in wh	terest, including the right of ther applications and patents nole or in part, in and for the
ASSIGNOR hereby authori:	zes, and requests, ASSIGN	EE'S LEGAL REPRESENTATIVES
to insert the Application No., fi	· ·	o the following table for any
Application No.	they are known; Filing Date	Office
Application No.	rmny Date	Onice

#### PATENT ASSIGNMENT

MS Docket No.: 358901.01

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, 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).

BU	12/08/2015
Inventór's Signature	Date
Uladzimir A. Skuratovich	Biogumup Crypomobuz
Printed Name in English	Printed Name in Native Language
	(if other than English)

# PATENT ASSIGNMENT MS Docket No.: 358901.01

inventor of	subject matter (" entitled " <u>Establishi</u> i	INVENTION") disclosed a	inventor or an original joint ind/or claimed in a patent ent Using Secure Signalling"
	ASSIGNEE'S legal in LLC., One Microsoft LEGAL REPRESENT, and given Applicate	ASSIGNOR hereby authorepresentative, Microsoft Tway, Redmond, Washing ATIVES), to insert here in the interior No.	Technology Licensing, ton 98052 (ASSIGNEE'S parentheses (filed on by the following Office
X	was filed on <u>Decen</u>	nber 3, 2015 and was give	n Application No
	14/958,860 by the	e following Office " <u>US</u> ";	
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Application	No.	Filing Date	Office

States, its territories, and all foreign countries ("APPLICATION DERIVATIVES")); therefrom, such as continuing applications, in whole or in part, in and for the United by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE in the INVENTION and the APPLICATION (and all other applications and patents derived ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, For good and valuable consideration, the receipt of which is hereby acknowledged

and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES). litigation regarding letters patent derived therefrom, and for the purpose of protecting making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for ASSICNOR agrees to execute all instruments and documents required for the

Printed Name in English	Namendra Kumar	Inventor's Signature		a de la companya de l
Printed Name in English  Printed Name in Native Language  (if other than English)		Date	1203 2015	

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## PATENT ASSIGNMENT MS Docket No.: 358901.01

inventor of	subject matter ("I entitled <u>"Establishir</u>	NVENTION") disclosed a	nventor or an orlginal joint nd/or claimed in a patent nt Using Secure Signalling"
	ASSIGNEE'S legal r LLC., One Microsof LEGAL REPRESENT on the following Of	ASSIGNOR hereby autho epresentative, Microsoft of Way, Redmond, Washingt ATIVES), to insert here and given Application fice	Technology Licensing, on 98052 (ASSIGNEE'S in parentheses (filed Noby
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behalf of itse of acquiring priority, in the derived ther	olf and its successors the entire and existence to the invention and the efrom, such as cont	and assigns ("ASSIGNEE"), clusive rights, title and in he APPLICATION (and all o inuing applications, in wh	limited liability company, on is entitled to, and is desirous terest, including the right of ther applications and patents tole or in part, in and for the PLICATION DERIVATIVES"));
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Page 1 of 2

MS Docket No.: 358901.01

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, 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).

(Deu)	04 Pecember 2015
Inventor's-Signature	Date
Andrey Belenko	
Printed Name in English	Printed Name in Native Language
	(if other than English)

	PATENT A	SSIGNMENT	MS Docket No.: 358901.01
inventor of	subject matter (" entitled " <u>Establishi</u>	INVENTION") disclosed	ial inventor or an original joint and/or claimed in a patent vent Using Secure Signalling'
	will be filed.	ASSIGNOR hereby auth	norizes, and requests,
		representative, Microsofi	
v	LLC., One Microsol	t Way, Redmond, Washin	gton 98052 (ASSIGNEE'S
	LEGAL REPRESENT	ATIVES), to insert here	e in parentheses (filed
	on	and given Applicatio	n No by
	the following Offic	e <u></u>	) this
	APPLICATION'S App	olication No., filing date,	and Office, when known;
Micros behalf of itse of acquiring, priority, in th derived there United States ASSIGI	14/958,860 by the off Technology Licol If and its successore the entire and expension and the invention and the its territories, and NOR hereby authorics.	s and assigns ("ASSIGNEE" clusive rights, title and i he APPLICATION (and all dinuling applications, in w all foreign countries ("A zes, and requests, ASSIG	en Application No in limited liability company, on "), is entitled to, and is desirous interest, including the right of other applications and patents whole or in part, in and for the PPLICATION DERIVATIVES")); NEE'S LEGAL REPRESENTATIVES to the following table for any
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#### PATENT ASSIGNMENT

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).

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Inventor's Signature	Date
Timothy Mark Moore	
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