504803774 03/05/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4850506

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the NAME OF THE 6TH INVENTOR TO "JULIAN LETTNER" AND REPLACE THE ASSIGNMENT FILED 06/29/2017 WHEN THE INCORRECT ASSIGNMENT WAS FILED previously recorded on Reel 042867 Frame 0744. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
FELIX SCHUSTER	02/23/2018
OLGA OHRIMENKO	02/23/2018
ISTVAN HALLER	02/26/2018
MANUEL SILVERIO DA SILVA COSTA	02/23/2018
DANIEL GRUSS	02/23/2018
JULIAN LETTNER	02/23/2018

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:	15637685

CORRESPONDENCE DATA

Fax Number:

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.

Email: usdocket@microsoft.com

SCHWEGMAN LUNDBERG & WOESSNER P.A. **Correspondent Name:**

Address Line 1: P.O. BOX 2938

Address Line 4: MINNEAPOLIS, MINNESOTA 55402-0938

ATTORNEY DOCKET NUMBER:	402217-US-NP(1777.186US1)
NAME OF SUBMITTER:	TYLYN MOORE
SIGNATURE:	/tylyn moore/

PATENT REEL: 045491 FRAME: 0608 504803774

DATE SIGNED:	03/05/2018
Total Attachments: 15	
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PATENT REEL: 045491 FRAME: 0609



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Confirmation Receipt

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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
FELIX SCHUSTER	06/23/2017
OLGA OHRIMENKO	06/26/2017
ISTVAN HALLER	06/26/2017
MANUEL SILVERIO DA SILVA COSTA	06/23/2017
DANIEL GRUSS	06/22/2017
JULIE LETTNER	06/22/2017

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

15637685 Application Number: CORRESPONDENCE DATA Fax Number: Phone: 612-373-6900 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: SCHWEGMAN LUNDBERG & WOESSNER, P.A. Address Line 1: P.O. BOX 2938 Address Line 4: MINNEAPOLIS, MINNESOTA 55402 ATTORNEY DOCKET 402217-US-NP NUMBER: ANDREW R. PERET NAME OF SUBMITTER: Signature: /Andrew R. Peret/ 06/29/2017 Date: Total Attachments: 11 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif source=Assignment#page8.tif source=Assignment#page9.tif source=Assignment#page10.tif source=Assignment#page11.tif RECEIPT INFORMATION EPAS ID: PAT4484994 Receipt Date: 06/29/2017

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PATENT

I Felix Schuster ("ASSIGNO of subject matter ("INVENTION") "COMPUTE NODE SECURITY", wh	disclosed and/or claimed i	or or an original joint inventor n a patent application entitled
ASSIGNEE'S legal in LLC, One Microsoft LEGAL REPRESENT on the following Of APPLICATION's App	ASSIGNOR hereby authorepresentative, Microsoft Way, Redmond, Washingt ATIVES), to insert here and given Application office and was given Application filling date, and was given Application office "US Pater	Technology Licensing, con 98052 (ASSIGNEE'S in parentheses (filed Noby) this and Office, when known;
Microsoft Technology Lice behalf of itself and its successors of acquiring, the entire and ex- priority, in the INVENTION and t derived therefrom, such as cont United States, its territories, and	s and assigns ("ASSIGNEE"), clusive rights, title and in he APPLICATION (and all o tinuing applications, in wh	terest, including the right of ther applications and patents role or in part, in and for the
•	•	EE'S LEGAL REPRESENTATIVES
to insert the Application No., f APPLICATION DERIVATIVES after	_	the following table for any
AITEICATION DERIVATIVES UTC	they are known,	
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"));

A. Schrift	23/2/2018	
Inventor's Signature	Date	
Felix Schuster		
Printed Name in English	Printed Name in Native Language	
	(if other than English)	

PATENT ASSIGNMENT

MS Docket No.: 402217-US-NP

I Olga Ohrimenko ("ASS	IGNOR") am the original	inventor or an original joint
inventor of subject matter ("INVENTION") disclosed a	nd/or claimed in a patent
application entitled "COMPUTE	NODE SECURITY", which:	
will be filed.	ASSIGNOR hereby author	rizes, and requests.
	representative, Microsoft	
and the second s	ft Way, Redmond, Washingt	
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on	and given Application	Noby
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APPLICATION'S Ap	plication No., filing date, ar	
was filed on <u>June</u>	<u>29, 2017</u> and was given Ap	plication No
<u>15/637,685</u> by th	e following Office " <u>US Pate</u> r	nt Office ";
Microsoft Technology Lic	tensing, LLC, a Washington	limited liability company, on
behalf of itself and its successor	•	
of acquiring, the entire and ex	se e uar eleri e "	i sana tana alam na na tao 1766 - 18
priority, in the INVENTION and		
derived therefrom, such as cor		· · · · · · · · · · · · · · · · · · ·
United States, its territories, an	u diii uu eigii counuies (Ari	TERATION DERIVATIVES 111,
ASSIGNOR hereby author	izes, and requests, ASSIGN	EE'S LEGAL REPRESENTATIVES
to insert the Application No.,		
APPLICATION DERIVATIVES afte		
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Application No.	Filing Date	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, 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"));

	23 FEB 2018	
Inventor s Signature	Date	
Olga Ohrimenko	ONBTA OXPUMENKO	
Printed Name in English	Printed Name in Native Language (if other than English)	

		- · · · · · · · · · · · · · · · · · · ·	r or an original joint inventor n a patent application entitled
"COMPUTE N	ODE SECURITY", wh	ich:	
	ASSIGNEE'S legal r LLC, One Microsoft LEGAL REPRESENT on the following Of	ASSIGNOR hereby authorepresentative, Microsoft Way, Redmond, Washingt ATIVES), to insert here and given Application office	Technology Licensing, on 98052 (ASSIGNEE'S in parentheses (filed Noby
		9, 2017 and was given Ap following Office " <u>US Pater</u>	
behalf of itse of acquiring, priority, in the derived there	If and its successors, the entire and exc ne INVENTION and the efrom, such as cont	s and assigns ("ASSIGNEE"), clusive rights, title and in he APPLICATION (and all o cinuing 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"));
to insert the	•	iling date, and Office into	EE'S LEGAL REPRESENTATIVES o the following table for any
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"));

H.M.	February 26 2018
Inventor's Signature	Date
Istvan Haller	István Haller
Printed Name in English	Printed Name in Native Language
	(if other than English)

practice agrees	nearon anticoa	" <u>COMPUTE NODE SECURIT</u>	(a) (b)	
	ASSIGNEE'S le LLC, One Micr LEGAL REPRE on the followin	egal representative, Micro rosoft Way, Redmond, Wa SENTATIVES), to insert and given Applic g Office	authorizes, and requests, osoft Technology Licensing, shington 98052 (ASSIGNEE'S here in parentheses (filed cation No by) this ate, and Office, when known;	
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		oy the following Office <u>"U"</u> 		
behalf of it of acquirir priority, in derived th United Sta ASS to insert t	rosoft Technolog self and its succ ig, the entire ar the INVENTION erefrom, such a tes, its territorie IGNOR hereby a the Application	gy Licensing, LLC, a Washing the essors and assigns ("ASSIC and exclusive rights, title and the APPLICATION (and scontinuing applications, and all foreign countries the estate and Office. The estate and Office.	ington limited liability company, ington limited liability company, in its entitled to, and is desired and interest, including the right diall other applications and pate, in whole or in part, in and for s ("APPLICATION DERIVATIVES")); assigned's LEGAL REPRESENTATIVES into the following table for the content of the sollowing table for the content of the sollowing table for the sollowing table sollowing table sollowing table sollowing table sollowing table sollowing tables.	ous of nts the ;
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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"));

Manuel Edwinis & C. Ect		23 Esu	.OS: VNa	18 :	
Inventor's Signature		Date	7	**	
Manuel Silverio da Silva Costa					
Printed Name in English	35 -50	Printed Name i	n Native La	nguage	
		(if other than E	nglish)		

I Daniel Gruss ("ASSIGNOI of subject matter ("INVENTION") "COMPUTE NODE SECURITY", wh	disclosed and/or claimed i	or or an original joint inventor n a patent application entitled
ASSIGNEE'S legal in LLC, One Microsoft LEGAL REPRESENT on the following O	ASSIGNOR hereby authorepresentative, Microsoft tway, Redmond, Washings (ATIVES), to insert here and given Application ffice plication No., filing date, and given Application the control of the co	Technology Licensing, ton 98052 (ASSIGNEE'S in parentheses (filed Noby) this
	29, 2017 and was given Ap following Office " <u>US Pater</u>	
behalf of itself and its successor of acquiring, the entire and ex priority, in the INVENTION and t derived therefrom, such as con United States, its territories, and	s and assigns ("ASSIGNEE"), clusive rights, title and in he APPLICATION (and all o tinuing applications, in wh I all foreign countries ("API	terest, including the right of ther applications and patents tole or in part, in and for the PLICATION DERIVATIVES"));
ASSIGNOR hereby authorito insert the Application No., f APPLICATION DERIVATIVES after	iling date, and Office into	EE'S LEGAL REPRESENTATIVES the following table for any
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"));

Doniel Gruss	72 17 2	MS
Inventor's Signature		, 0 (0
mychol 3 signature	Dute	
Daniel Gruss		
Printed Name in English	Printed Name in N	ative Language
	(if other than Engl	ish)

I Julian Lettner ("ASSIGNOR") am the original inventor or an original joint invent	tor
of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitle	ed
"COMPUTE NODE SECURITY", which:	

	ASSIGNEE'S legal representative, Microsoft	Technology Licer	uests, nsing,
	LLC, One Microsoft Way, Redmond, Washing		
	LEGAL REPRESENTATIVES), to insert here	in parentheses	(filed
	on and given Application	1 No	by
	the following Office)	this
į	APPLICATION's Application No., filing date, a	nd Office, when k	nown;

was filed on June 29, 2017 and was given Application No 15/637,685 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
*		

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"));

Inventor's Signature	2018-02-23
Inventor's Signature	Date
Julian Lettner	
Printed Name in English	Printed Name in Native Language (if other than English)