504946644 06/06/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT4993391

CONVEYING PARTY DATA

Name	Execution Date
FILIP CHELARESCU	05/25/2018
BENJAMIN N. TRUELOVE	05/10/2018
MEIR E. ABERGEL	06/05/2018
PARTHIPAN THAYANITHY	05/30/2018

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:	15941219

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

Correspondent Name: SCHWEGMAN LUNDBERG & WOESSNER P.A.

Address Line 1: P.O. BOX 2938

Address Line 4: MINNEAPOLIS, MINNESOTA 55402-0938

ATTORNEY DOCKET NUMBER: 403937-US-NP(1777.851US1)

NAME OF SUBMITTER: TYLYN MOORE

SIGNATURE: /tylyn moore/

DATE SIGNED: 06/06/2018

Total Attachments: 9

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PATENT REEL: 045999 FRAME: 0267

RECORDATION FORM COVER SHEET

PATENTS ONLY Atty Ref/Docket No.: 403937-US-NP (1777.851US1) 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): Name: Microsoft Technology Licensing, LLC Filip Chelarescu, Benjamin N. Truelove, Meir E. Street Address: One Microsoft Way Abergel, Parthipan Thayanithy Additional name(s) of conveying party(ies) attached? City: Redmond State: WA Zip: 98052 Country: United States of America []Yes [X]No Additional name(s) & address(es) attached? []Yes [X]No 3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name Execution Date: May 25, 2018, May 10, 2018, June 5, 2018, May 30, 2018, 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. 15/941,219 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: Thierry Lo

[[Enclosed

Address:

[Authorized to be charged to deposit account 19-0743

Schwegman Lundberg & Woessner, P.A. P.O. Box 2938

Minneapolis, Minnesota 55402

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.

Thierry Lo/Reg. No. 49,097

Signature

6/6/2018

Name of Person Signing

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: 045999 FRAME: 0268

-		_	nventor or an original joint
	•		nd/or claimed in a patent
application e	ntitled " <u>USER VERIFI</u>	CATION OF MALWARE IMP	ACTED FILES", which:
	ASSIGNEE'S legal is LLC, One Microsoft LEGAL REPRESENT on the following Of	ASSIGNOR hereby authorepresentative, Microsoft Way, Redmond, Washingt ATIVES), to insert here and given Application ffice	Technology Licensing, con 98052 (ASSIGNEE'S in parentheses (filed Noby
\boxtimes		30, 2018 and was given A following Office " <u>US Pater</u>	
Micros	soft Technology Lice	ensing, LLC, a Washington	limited liability company, on
behalf of itse	If and its successors	s and assigns ("ASSIGNEE"),	, is entitled to, and is desirous
of acquiring,	the entire and exc	clusive rights, title and in	terest, including the right of
priority, in th	ne INVENTION and t	he APPLICATION (and all o	ther applications and patents
derived there	efrom, such as cont	inuing applications, in wh	iole or in part, in and for the
United States	s, its territories, and	all foreign countries ("APF	PLICATION DERIVATIVES"));
to insert the	•	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")):

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).

f_/	5-12-5-11S
Inventor's Signature	Date
Filip Chelarescu	
Printed Name in English	Printed Name in Native Language
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	entitled "USER VERIFICATION OF MALWARE IMPACTED FILES", 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 by the following Office) this APPLICATION's Application No., filing date, and Office, when known;
	was filed on <u>March 30, 2018</u> and was given Application No <u>15/941.219</u> by the following Office " <u>US Patent Office</u> ";
behalf of its of acquiring priority, in t derived the	osoft Technology Licensing, LLC, a Washington limited liability company, elf and its successors and assigns ("ASSIGNEE"), is entitled to, and is desired, the entire and exclusive rights, title and interest, including the right the INVENTION and the APPLICATION (and all other applications and pate refrom, such as continuing applications, in whole or in part, in and for es, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));
behalf of its of acquiring priority, in the derived the United State ASSIG to insert the	elf and its successors and assigns ("ASSIGNEE"), is entitled to, and is desiring, the entire and exclusive rights, title and interest, including the right the INVENTION and the APPLICATION (and all other applications and pate refrom, such as continuing applications, in whole or in part, in and for

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

Benjamin N. Truelove

Printed Name in English

Date

Printed Name in Native Language (if other than English)

Page 2 of 2

*USER VERIFIC	<u>ATION OF MALWA</u> will be filed. ASSIGNEE'S legal LLC, One Microsol	RE IMPACTED FILES", ASSIGNOR hereby representative, Micr ft Way, Redmond, Wa	imed in a patent applic which: authorizes, and rec osoft Technology Lice ishington 98052 (ASSI) here in parentheses	quests, ensing, GNEE'S
	on	and given Appli	cation No	by
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		<u>h 30, 2018</u> and was (e following Office " <u>U</u>		
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to insert the		filing date, and Offi	ASSIGNEE'S LEGAL REPRICE into the following	
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"));

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Inventor stage Kure

Mejr E. Abergel

Printed Name in English

Date

Printed Name in Native Language (if other than English)

I Parthipan Thayanithy ("A	ASSIGNOR") am the origina	l inventor or an original joint
inventor of subject matter ("I	NVENTION") disclosed a	nd/or claimed in a patent
application entitled "USER VERIFI	CATION OF MALWARE IMP.	ACTED FILES", which:
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Inventor's Signature	_ 48	Date		20 - 2 1100	***************************************
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