506113343 06/18/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
COLE SODJA	03/26/2020
JUSTIN ANTHONY NATELLI CARROLL	03/26/2020

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:	16833041

CORRESPONDENCE DATA

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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.

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

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ATTORNEY DOCKET NUMBER:	407951-US-NP (1777.E27US1
NAME OF SUBMITTER:	ABBY JACKSON
SIGNATURE:	/Abby Jackson/
DATE SIGNED:	06/18/2020

Total Attachments: 5

source=1777.E27US1 AssnSigned#page1.tif source=1777.E27US1 AssnSigned#page2.tif source=1777.E27US1 AssnSigned#page3.tif source=1777.E27US1 AssnSigned#page4.tif source=1777.E27US1 AssnSigned#page5.tif

> PATENT REEL: 052976 FRAME: 0615

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RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 407951-US-NP (1777.E27US1) 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 Cole Sodja, Justin Anthony Natelli Carroll Street Address: One Microsoft Way Additional name(s) of conveying party(ies) attached? City: <u>Redmond</u> State: <u>WA</u> Zip Country: <u>United States of America</u> Zip: 98052 []Yes [X]No 3. Nature of conveyance: Additional name(s) & address(es) attached? []Yes [X]No [] Merger [X] Assignment [] Security Agreement [] Change of Name [] Other Execution Date: March 26, 2020, March 26, 2020 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. 16/833,041 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: Fred Nicholson []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 Minneapolis, Minnesota 55402 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.

Fred Nicholson/Reg. No. 72,284
Name of Person Signing

/Fred Nicholson/
Signature

Date

Total number of pages including cover sheet: 5

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: 052976 FRAME: 0616

I Cole Sodja ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>DETECTION OF BRUTE FORCE ATTACKS</u>", which:

\boxtimes	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 <u>March 27, 2020</u> and given Application No. <u>16/833,041</u> by
	the following Office United States Patent and Trademark Office) this
	APPLICATION's Application No., filing date, and Office, when known;
	was filed on and was given Application No by the
	following Office "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"));

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).

All Adja	3/26/2020
Inventor's Signature	Date
Cole Sodja	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 407951-US-NP

I Justin Anthony Natelli Carroll ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>DETECTION OF BRUTE FORCE ATTACKS</u>", which:

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Application No.	Filing Date	Office

RECORDED: 06/18/2020

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Inventor's Signature

Date

Justin Anthony Natelli Carroll

Printed Name in English Printed Name in Native Language
(if other than English)