PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4792928

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAKSHIT AGRAWAL	01/24/2018
JACK WILSON STOKES III	01/24/2018
KARTHIK SELVARAJ	01/24/2018
ADRIAN M. MARINESCU	01/24/2018

RECEIVING PARTY DATA

Name: MICROSOFT TECHNOLOGY LICENSING, LLC Street Address: ONE MICROSOFT WAY	
State/Country: WASHINGTON	
Postal Code: 98052	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15879593	

CORRESPONDENCE DATA

Fax Number: (720)204-5669

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.

Phone: 425-707-9382

Email: usdocket@microsoft.com MICROSOFT CORPORATION **Correspondent Name:**

Address Line 1: ONE MICROSOFT WAY

Address Line 4: **REDMOND, WASHINGTON 98052**

ATTORNEY DOCKET NUMBER:	403503-US-NP
NAME OF SUBMITTER:	MELANIE R. BAUM
SIGNATURE:	/Melanie R. Baum/
DATE SIGNED:	01/25/2018

Total Attachments: 8

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PATENT REEL: 044726 FRAME: 0190 504746200

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> PATENT REEL: 044726 FRAME: 0191

MS Docket No.:

403503-US-NP

<u>Rakshit AGRAWAL</u> ("ASSIGNOR") am the origin	al inventor or an original joint	
inventor of subject matter (inventor of subject matter ("INVENTION") disclosed and/or claimed in a paten		
application entitled "MALWARE	SEQUENCE DETECTION" ("A	APPLICATION"), 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 January 25, 2018 and given Application No. 15/879,593 by the following Office US - United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;			
		A Dr. or	
	and was given		
	by the following Office		
<u>"</u>			
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 APPLICA Application No.	Filing Date	Office	
Application No.	Timing Date	Office	

Page 1 of 2

MS Docket No:

MS Docket No.	: <u>403503-US-NP</u>

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).

THE STATE OF THE S	01/24/2018
Inventor's Signature	Date
Rakshit AGRAWAL	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 403503-US-NP

			n the original inventor or isclosed and/or claimed	~
	-		ION" ("APPLICATION"), whi	
	ASSIGNEE'S legal LLC., One Mic (ASSIGNEE'S LEG parentheses (file No. 15/879,593 Patent and Trade	representative, M crosoft Way, Re GAL REPRESENTA d on January 25, 2 by the followi	y authorizes, and requirences of the control of the	sing, 8052 in ation itates
	was filed on	and wa	given Application	
		by the followin		
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behalf of its desirous of right of prior patents deriv	self and its succe acquiring, the enti rity, in the INVENT red therefrom, suc ited States, its	ssors and assigns re and exclusive ri ION and the APPLIC th as continuing ap	thington limited liability of ("ASSIGNEE"), is entitled ghts, title and interest, in ATION (and all other appliplications, in whole or in I foreign countries ("A	to, and is cluding the cations and part, in and
REPRESENTA	TIVES to insert t	``````````````````````````````````````	requests, ASSIGNEE ., filing date, and Offic after they are known;	
Application I		Filing Date	Office	
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Page 1 of 2

PATENT REEL: 044726 FRAME: 0194

	MS Docket	No.: <u>403503-US-NF</u>
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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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Out Wiles Stile III	January 24, 2018
Investor's Signature	Date
Jack Wilson STOKES III Printed Name in English	Printed Name in Native Language (if other than English)

	MS Docket	No.: <u>403503-US-NP</u>
I <u>Karthik SELVARAJ</u> (inventor of subject matter (application entitled " <u>MALWARE</u>	"INVENTION") disclosed	•
ASSIGNEE'S legal LLC., One Mic (ASSIGNEE'S LEC parentheses (filed No. 15/879,593 Patent and Trade	ASSIGNOR hereby auth representative, Microsoft rosoft Way, Redmond, GAL REPRESENTATIVES), don January 25, 2018 by the following Offimark Office) this APPLICATION.	Technology Licensing, Washington 98052 to insert here in and given Application ce <u>US – United States</u>
	and was given and was given by the following 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 REPRESENTATIVES to insert to following table for any APPLICA	ne Application No., filing	·
Application No.	Filing Date	Office

Page 1 of 2

MS Docket No.:	403503-US-NP

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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DocuSigned by:		
34BEF29C93884AF	January 24, 2018	
Inventor's Signature	Date	
Karthik SELVARAJ		
Printed Name in English	Printed Name in Native Language	
	(if other than English)	

MS Docket No.:

403503-US-NP

I Adrian M. MARINESCU ("ASSIGNOR") am the original inventor or an original		
joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent		
application entitled "MALWARE SEQUENCE DETECTION" ("APPLICATION"), which:		
oxtimes 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 January 25, 2018 and given Application No.		
15/879,593 by the following Office US - United States Patent and		
Trademark Office) this APPLICATION's Application No., filing date,		
and Office, when known;		
\square was filed on and was given Application		
No by the following 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		
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REPRESENTATIVES to insert the Application No., filing date, and Office into the		
following table for any APPLICATION DERIVATIVES after they are known;		

Page 1 of 2

Filing Date

Application No.

Office

MS Docket No.:	<u>403503-US-Ni</u>

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	1/24/2018	
Inventor's Signature	Date	
Adrian M. MARINESCU		
Printed Name in English	Printed Name in Native Language	
	(if other than English)	