504884198 04/24/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4930939

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JASON WEBER	04/20/2018
TOBIN TITUS	04/19/2018
DANIEL LIBBY	04/16/2018
BRIAN MANTHOS	04/09/2018
COLIN PACITTI	04/23/2018
PENGXIANG ZHAO	04/16/2018
MATTHEW MILLER	04/19/2018
JORDAN THOMAS RABET	04/09/2018
JOHN HAZEN	04/23/2018

RECEIVING PARTY DATA

Name:	MICROSOFT TECHNOLOGY LICENSING, LLC
Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052-6399

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15961849

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.

Phone: 408-244-6319

Email: USDocket@microsoft.com

Correspondent Name: FOUNTAINHEAD LAW GROUP P.C. NON-EXPORT

Address Line 1: 900 LAFAYETTE STREET

Address Line 2: SUITE 301

Address Line 4: SANTA CLARA, CALIFORNIA 95050

ATTORNEY DOCKET NUMBER: 404193-US-NP
NAME OF SUBMITTER: ANDREW J. LEE

PATENT

504884198 REEL: 045627 FRAME: 0873

SIGNATURE:	/Andrew J. Lee/
DATE SIGNED:	04/24/2018
Total Attachments: 18	
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PATENT REEL: 045627 FRAME: 0874

I <u>Jason WEBER</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "
<a href="https://doi.org/10.1001/jnan.10

X	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
	April 24, 2018 and given Application No. 15/961,849 by the
	following Office US - United States Patent and Trademark Office) this
	APPLICATION's Application No., filing date, and Office, when known;
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	by the following Office
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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"));

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Page 1 of 2

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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	Date /
inventor zignature	4/27/13
Jason WEBER	1/2 0/10
Printed Name in English	Printed Name in Native Language
1 20<14 /rpp/	(if other than English)

MS Docket No.: 404193-US-NP

I <u>Tobin TITUS</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "

<u>MITIGATING TIMING ATTACKS VIA DYNAMICALLY SCALED TIME DILATION</u>" ("APPLICATION"), which:

X		GNOR hereby authorizes, and requests, ASSIGNEE'S ve, Microsoft Technology Licensing, LLC, One
	Microsoft Way, F REPRESENTATIVES)	edmond, Washington 98052 (ASSIGNEE'S LEGAL to insert here in parentheses (filed on and given Application No. 15/961,849 by the
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Inventor's Signature	Date
Tobin TITUS	4/19/2018
Printed Name in English	Printed Namé in Native Language
TOBIN TOOS	(if other than English)

I <u>Daniel LIBBY</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "
<u>MITIGATING TIMING ATTACKS VIA DYNAMICALLY SCALED TIME DILATION</u>" ("APPLICATION"), 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
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Page 1 of 2

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MS Docket No.: 404193-US-NP

AW 2h	4/16/18	***************************************
Inventor's Signature	Date	
Daniel LIBBY		
Printed Name in English	Printed Name in Native Language (if other than English)	

MS Docket No.: 404193-US-NP

I <u>Brian MANTHOS</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "

<u>MITIGATING TIMING ATTACKS VIA DYNAMICALLY SCALED TIME DILATION</u>" ("APPLICATION"), which:

X	will be filed. ASSIC	NOR hereby authorizes, and requests, A	SSIGNEE'S
		e, Microsoft Technology Licensing, L dmond, Washington 98052 (ASSIGNEE	
		to insert here in parentheses (and given Application No. 15/961,849	
	following Office <u>US</u>	 United States Patent and Trademark O ication No., filing date, and Office, when ke 	<u>ffice</u>) this
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	by	the following Office	

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B A	
Inventor's Signature	Date
Brian MANTHOS	04/09/2018
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Colin PACITTI</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "

MS Docket No.: 404193-US-NP

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Ø	$\boxtimes$ will be filed. ASSIGNOR	hereby authorizes, and requests, ASSIGNEE'S
	legal representative, M	icrosoft Technology Licensing, LLC, One
	Microsoft Way, Redmon	d, Washington 98052 (ASSIGNEE'S LEGAL
		insert here in parentheses (filed on given Application No. 15/961,849 by the
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Inventor's Signature	Date
Colin PACITTI	04123/18
Printed Name in English Colin Pacitti	Printed Name in Native Language (if other than English)

I <u>Pengxiang ZHAO</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "
<u>MITIGATING TIMING ATTACKS VIA DYNAMICALLY SCALED TIME DILATION</u>" ("APPLICATION"), which:

Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LECT REPRESENTATIVES), to insert here in parentheses (filed April 24, 2018 and given Application No. 15/961,849 by following Office US - United States Patent and Trademark Office) to APPLICATION's Application No., filing date, and Office, when known;  was filed on and was given Application No by the following Office	legal represent	SSIGNOR hereby authorizes, and requests, ASSIGNI rative, Microsoft Technology Licensing, LLC, Commonwealth and the common series of the
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Page 1 of 2

MS Docket No.: 404193-US-NP

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Inventor's Signature	Date
Pengxiang ZHAO	4/16/2018
Printed Name in English	Printed Name in Native Language
Denaziona Itas	(if other than English)

I <u>Matthew MILLER</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "
<u>MITIGATING TIMING ATTACKS VIA DYNAMICALLY SCALED TIME DILATION</u>" ("APPLICATION"), which:

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Inventor's Signature  Matthew MILLER	Date 4/19/2018	
Printed Name in English  Molton Mollos	Printed Name in Native Language (if other than English)	

I Jordan Thomas RABET ("ASSIGNOR") am the original inventor or an original joint

MS Docket No.: 404193-US-NP

inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled " MITIGATING TIMING ATTACKS VIA DYNAMICALLY SCALED TIME DILATION" ("APPLICATION"), which:

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	representative, Microsoft Technology Licensing, LLC, One of Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL SENTATIVES), to insert here in parentheses (filed on 4, 2018 and given Application No. 15/961,849 by the ing Office US - United States Patent and Trademark Office) this CATION's Application No., filing date, and Office, when known;
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Inventor's Signature	Date 04/03/2018
Jordan Thomas RABET	
Printed Name in English	Printed Name in Native Language
JORDAN THOMAS RABET	(if other than English)

## PATENT ASSIGNMENT MS Docket No.: 404193-US-NP

I John HAZEN ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "

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MILE	1 5. +4 1	4/23/18	: 2
Inventor's Signature		Date	
John HAZEN	36	1	
Printed Name in English		Printed Name in Native Language	
* * *	:	(if other than English)	