PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3481172

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LAWRENCE RALPH CLEETON	05/26/2015
YEVGENIY A. SAMSONOV	04/23/2015
KINSHUMANN KINSHUMANN	05/25/2015
JINGBO WU	04/22/2015
KEVIN MICHAEL BROAS	04/22/2015
SAMARTHA CHANDRASHEKAR	06/18/2015

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:	14825116

CORRESPONDENCE DATA

Fax Number: (206)359-9000

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 PERKINS COIE LLP **Correspondent Name:** Address Line 1: P.O. BOX 1247

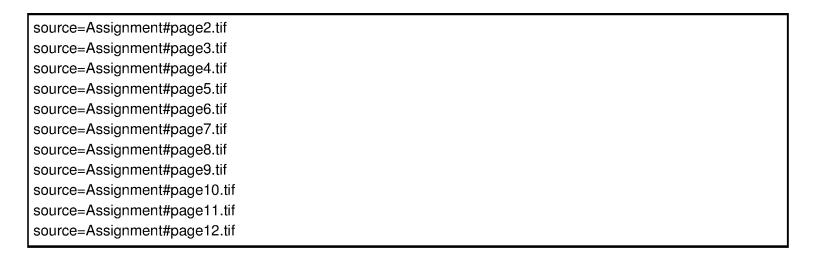
Address Line 4: SEATTLE, WASHINGTON 98101

ATTORNEY DOCKET NUMBER: 356801.01 NAME OF SUBMITTER: **ARCELIE GRAPES** SIGNATURE: /Arcelie Grapes/ **DATE SIGNED:** 08/12/2015

Total Attachments: 12 source=Assignment#page1.tif

> **PATENT** REEL: 036313 FRAME: 0531

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PATENT REEL: 036313 FRAME: 0532

PATENT ASSIGNMENT MS Docket No.: 356801.01		
I <u>Lawrence Ralph Cleeton</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>UPGRADING A SECURE VIRTUAL MACHINE WITH A VIRTUAL TRUSTED PLATFORM MODULE</u> " ("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 and given Application No by the following Office) this APPLICATION'S Application No., filing date, and Office, when known;		
was filed on <u>January 21, 2015</u> and was given Application No. <u>62/106,187</u> by the following Office " <u>United States</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 APPLICATION DERIVATIVES after they are known;		

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"));

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

Lawrence Ralph Cleeton

Printed Name in English

Printed Name in Native Language (if other than English)

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				disclosed and/or claim	
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TRUSTED PLA	ATFORM MODULE"	("APPLICATION"), w	hich:		
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	ASSIGNEE'S legal	representative, M	crosoft	Technology Licensin	a.
				Washington 9805	
					in
				and given Application	on
	Office) this APPLICATION	's
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				Office " <u>United States</u> ";	
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MS Docket No.: 356801.01

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Inventor's Signature

Yevgeniy A. Samsonov

Printed Name in English

Date

Printed Name in Native Language

(if other than English)

Kinshumann Kinshumann ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "UPGRADING A SECURE VIRTUAL MACHINE WITH A VIRTUAL TRUSTED PLATFORM MODULE" ("APPLICATION"), which:
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was filed on <u>January 21, 2015</u> and was given Application No. <u>62/106,187</u> by the following Office " <u>United States</u> ";
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	5-25-2015
Inventor's Signature	Date
Kinshumann Kinshumann	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT MS Docket No.: 356801.01 I <u>Jingbo Wu</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "UPGRADING A SECURE VIRTUAL MACHINE WITH A VIRTUAL TRUSTED PLATFORM MODULE" ("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 ______ and given Application No. by the following Office ____) this APPLICATION's Application No., filing date, and Office, when known; was filed on <u>January 21, 2015</u> and was given Application No. 62/106,187 by the following Office "United States"; 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")); hereby ASSIGNOR 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

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MS Docket No.: 356801.01

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Ph Ih	4/22/2015
Inventor's Signature	Date
Jingbo Wu	
Printed Name in English	Printed Name in Native Language (if other than English)

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Page 1 of 2

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I M Swan	4/22/2015
Inventor's Signature	Date
Kevin Michael Broas	
Printed Name in English	Printed Name in Native Language
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Inventor's Signature	6/18/2015 Date
Samartha Chandrashekar	
Printed Name in English	Printed Name in Native Language
	(if other than English)

RECORDED: 08/12/2015