PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2881367

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
QIN LONG	07/18/2013
TING YE	07/23/2013
VINCENT ZIMMER	08/06/2013
JIEWEN YAO	01/27/2014

RECEIVING PARTY DATA

Name:	INTEL CORPORATION
Street Address:	2200 MISSION COLLEGE BLVD
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13976504

CORRESPONDENCE DATA

Fax Number: (612)677-3572

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: 214-823-1241

Email: klodermeier@cpaglobal.com

Correspondent Name: THOMAS J. FRAME

Address Line 1: PATENT CAPITAL GROUP

Address Line 2: C/O CPA GLOBAL

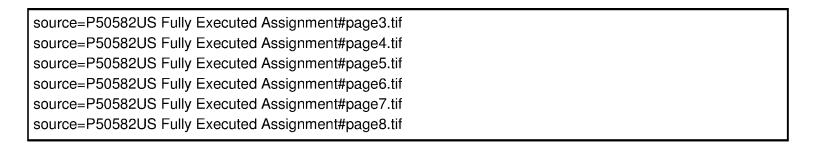
Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	P50582US
NAME OF SUBMITTER:	KEITH LODERMEIER
SIGNATURE:	/Keith Lodermeier/
DATE SIGNED:	06/03/2014

Total Attachments: 8

source=P50582US Fully Executed Assignment#page1.tif source=P50582US Fully Executed Assignment#page2.tif

PATENT 502834771 REEL: 033015 FRAME: 0548



ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby asknowledged, we, the undersigned invertor(s):

QIN LONG; TING YE; VINCENT ZIMMER; JIEWEN YAO

hereby sell, assign, and transfer to:

Intel Corporation

a corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, Catifornia, 95054 USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the application for the United States patent entitled:

A METHOD, APPARATUS, SYSTEM, AND MACHINE READABLE STORAGE MEDIUM FOR PROVIDING SOFTWARE SECURITY

(I hereby authorize and request any attorney having appropriate authority from the assignee to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on June 27, 2013 as

United States of America Application Number 13/976,594 and COUNTRY or International Office

which has been excluded by the undersigned prior hereto or concurrently herewith on the date(s) indicated below.

and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filled in the United States and all other countries and international filling offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and imminational filling offices on said inventions and improvements; and in and to all rights of priority (estaling from the filing of said applications; as used herein "Additional Applications" includes but is not limited to design, utility, utility model, divisional, continuing, commutation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements:

and agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name, and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and tegal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all design, utility, divisional, continuing, communition-in-part, substitute, renewal, reliaste, and all other patent applications on any and all said inventions and improvements, execute all rightful ouths, assignments, powers of attorney.

Page 1 of 2

and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facin known to the undersigned relating to said inventions and improvements and the history thereof, and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives, and

coveraint with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Lin Lord	07/18/24/3
Qin Long //	Date signed
Ting Ye	Date signed
Vincent Zimmer	Daw signed
Jiewen Yao	Date signed

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s):

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which was filed on **June 27, 2013** as

<u>United States of America</u> Application Number <u>13/976,504</u> and COUNTRY or International Office

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filed in the United States and all other countries and international filing offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and international filing offices on said inventions and improvements; and in and to all rights of priority resulting from the filing of said applications; as used herein "Additional Applications" includes but is not limited to design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements;

and agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney,

and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

	<u>:</u>
Qin Long	Date signed
Tag Ye	July 23rd, 201
Ting Ye	Date signed
Vincent Zimmer	Date signed
Jiewen Yao	Date signed

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s):

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and agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney,

Page 1 of 2

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Qin Long	Date signed
Ting Ye	Date signed
Vincent Zimmer	Date signed
Jiewen Yao	Date signed

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	MANAGEMENT AND ASSESSMENT OF THE PARTY OF TH
Qin Long	Date signed
Ting Ye	Date signed
Vincent Zimmer	Date signed
Tieves Les	2014. 1.27
Jiewen Yao	Date signed

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