

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Siddhartha CHHABRA</td> <td>02/06/2012</td> </tr> <tr> <td>Uday R. SAVAGAONKAR</td> <td>02/07/2012</td> </tr> <tr> <td>Carlos V. ROZAS</td> <td>02/09/2012</td> </tr> <tr> <td>Alpa T. NARENDRA TRIVEDI</td> <td>02/01/2012</td> </tr> <tr> <td>Men LONG</td> <td>02/13/2012</td> </tr> <tr> <td>David M. DURHAM</td> <td>02/09/2012</td> </tr> </tbody> </table>		Name	Execution Date	Siddhartha CHHABRA	02/06/2012	Uday R. SAVAGAONKAR	02/07/2012	Carlos V. ROZAS	02/09/2012	Alpa T. NARENDRA TRIVEDI	02/01/2012	Men LONG	02/13/2012	David M. DURHAM	02/09/2012
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Men LONG	02/13/2012														
David M. DURHAM	02/09/2012														
RECEIVING PARTY DATA															
Name:	Intel Corporation														
Street Address:	2200 Mission College Boulevard														
City:	Santa Clara														
State/Country:	CALIFORNIA														
Postal Code:	95054														
PROPERTY NUMBERS Total: 1															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13976930</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13976930										
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Application Number:	13976930														
CORRESPONDENCE DATA															
Fax Number:	5034396073														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	5034398778														
Email:	pdx_email@bstz.com														
Correspondent Name:	BSTZ														
Address Line 1:	1279 Oakmead Parkway														
Address Line 4:	Sunnyvale, CALIFORNIA 94085														
ATTORNEY DOCKET NUMBER:	42P38401														
NAME OF SUBMITTER:	Gregory D. Caldwell														

CH \$40.00 13976930

Signature:	/Gregory D. Caldwell/
Date:	08/30/2013
Total Attachments: 2 source=42P38401_ASSIGN_EXECUTED#page1.tif source=42P38401_ASSIGN_EXECUTED#page2.tif	

Attorney's Docket No.: 42P38401PCT

ASSIGNMENT

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

SIDDHARTHA CHHABRA; UDAY R. SAVAGAONKAR; CARLOS V. ROZAS; ALPA T. NARENDRA TRIVEDI; MEN LONG; DAVID M. DURHAM

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, California, 95052 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 International application entitled:

A LOW-OVERHEAD CRYPTOGRAPHIC METHOD AND APPARATUS FOR PROVIDING MEMORY CONFIDENTIALITY, INTEGRITY AND REPLAY PROTECTION

(I hereby authorize and request my attorney, associated with Customer Number 45209, to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on December 28, 2011 as

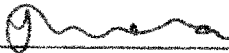

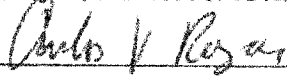


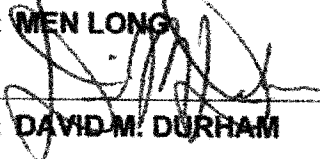
International Application Number PCT/US11/067590 and

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

and in and to said International application and all related applications (e.g. national phase applications, divisional applications, continuation applications, reexaminations, reissues, and the like) that have been or shall be filed in the United States and/or all foreign countries on said inventions and improvements, as well as in and to all rights of priority resulting from the filing of said International application;

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.

 Name: SIDDHARTHA CHHABRA	<u>02/06/2012</u> Date
 Name: UDAY R. SAVAGAONKAR	<u>2/7/2012</u> Date
 Name: CARLOS V. ROZAS	<u>2/9/2012</u> Date
 Name: ALPA T. NARENDRA TRIVEDI	<u>02/01/12</u> Date
 Name: MEN LONG	<u>02/13/12</u> Date
 Name: DAVID M. DURHAM	<u>2/9/12</u> Date
Name: _____	_____
Name: _____	_____
Name: _____	_____
Name: _____	_____
Name: _____	_____
Name: _____	_____

Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
1279 Oakmead Parkway
Sunnyvale, CA 94085-4040
Telephone: (503) 439-8778