

## 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>Yueli Liu</td> <td>05/17/2013</td> </tr> <tr> <td>Qinglei Zhang</td> <td>05/17/2013</td> </tr> <tr> <td>Amanda E. Schuckman</td> <td>05/17/2013</td> </tr> <tr> <td>Rui Zhang</td> <td>05/17/2013</td> </tr> </tbody> </table>		Name	Execution Date	Yueli Liu	05/17/2013	Qinglei Zhang	05/17/2013	Amanda E. Schuckman	05/17/2013	Rui Zhang	05/17/2013
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Yueli Liu	05/17/2013										
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Rui Zhang	05/17/2013										
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>13903828</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13903828						
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Application Number:	13903828										
CORRESPONDENCE DATA											
Fax Number:	5037962900										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	503-222-9981										
Email:	adahmen@schwabe.com										
Correspondent Name:	Schwabe, Williamson & Wyatt, P.C.										
Address Line 1:	1211 SW 5th Avenue, Suite 1900										
Address Line 4:	Portland, OREGON 97204										
ATTORNEY DOCKET NUMBER:	111079-190472										
NAME OF SUBMITTER:	Allyson Dahmen										
Signature:	/Allyson Dahmen/										

Date:

07/03/2013

Total Attachments: 2

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**A S S I G N M E N T**

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged that the undersigned,

**ASSIGNOR(S):** Yueli Liu  
Qinglei Zhang  
Amanda E. Schuckman  
Rui Zhang

hereby sell, assign, and transfer to

**ASSIGNEE:** Intel Corporation  
2200 Mission College Boulevard  
Santa Clara, California 95054

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 improvements that are disclosed in the application for the United States patent entitled:

***BRIDGE INTERCONNECTION WITH LAYERED INTERCONNECT STRUCTURES***

(I hereby authorize and request my attorney, associated with Customer Number 0031817, to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on May 28, 2013 as  
United States Application Number 13/903,828 and

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


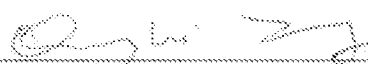

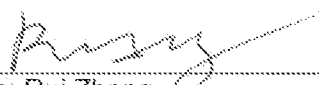
and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said 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 divisional

applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said 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.

**Inventor: Please sign and date below:**

<u>May 17, 2013</u> Date	<u></u> Name: Yueli Liu
<u>May 17, 2013</u> Date	<u></u> Name: Qinglei Zhang
<u>5-17-13</u> Date	<u></u> Name: Amanda E. Schuckman
<u>May 17, 2013</u> Date	<u></u> Name: Rui Zhang

**Assignment Document Return Address:**

Schwabe, Williamson & Wyatt, P.C.  
Pacwest Center, Suite 1600  
1211 SW Fifth Avenue  
Portland, Oregon 97204  
Telephone: 503-222-9981