

PATENT ASSIGNMENT

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Stylesheet Version v1.1

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>Yun He</td> <td>03/14/2013</td> </tr> <tr> <td>Narender R. Nagulapally</td> <td>03/14/2013</td> </tr> <tr> <td>Sanjib Sarkar</td> <td>03/14/2013</td> </tr> <tr> <td>Ivan Herrera Mejia</td> <td>03/14/2013</td> </tr> <tr> <td>Ruchira K. Liyanage</td> <td>03/14/2013</td> </tr> </tbody> </table>		Name	Execution Date	Yun He	03/14/2013	Narender R. Nagulapally	03/14/2013	Sanjib Sarkar	03/14/2013	Ivan Herrera Mejia	03/14/2013	Ruchira K. Liyanage	03/14/2013
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Ivan Herrera Mejia	03/14/2013												
Ruchira K. Liyanage	03/14/2013												
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													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13831892</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13831892								
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CORRESPONDENCE DATA													
Fax Number:	6123328352												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Email:	sitiwari@cpaglobal.com												
Correspondent Name:	Caven & Aghevli LLC												
Address Line 1:	C/O CPA Global												
Address Line 2:	PO Box 52050												
Address Line 4:	Minneapolis, MINNESOTA 55402												
ATTORNEY DOCKET NUMBER:	P42928												
NAME OF SUBMITTER:	Ramin Aghevli												
Signature:	/Ramin Aghevli - Reg. No. 43,462/												

CH \$40.00 13831892

PATENT

Date:

04/06/2013

Total Attachments: 6

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ASSIGNMENT

WHEREAS, We, Yun He, residing at 3600 Juliette Ln, SC12-422, Santa Clara, CA, US 95054, and Narender R. Nagulapally, residing at EM5-161, Folsom, CA, US 95630, and Sanjib Sarkar, residing at 1385 Marsden Court, Folsom, CA, US 95630, and Ivan Herrera Mejia, residing at 1492 Lesis Way, Folsom, CA, US 95630, and Ruchira K. Livanage, residing at 860 Fieldstone Ct., Folsom, CA, US 95630, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States entitled ADAPTIVE CONTROL LOOP PROTECTION FOR FAST AND ROBUST RECOVERY FROM LOW-POWER STATES IN HIGH SPEED SERIAL I/O APPLICATIONS;

WHEREAS, We hereby authorize and request our attorneys, associated with Customer Number 50890, to insert here in parentheses (SER. No. 13/831,892 ; Filing Date: March 15, 2013) the filing date and application number of said application when known;

AND WHEREAS, Intel Corporation, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 2200 Mission College Blvd., Santa Clara, CA 95054 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

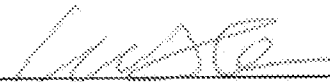
NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights

under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

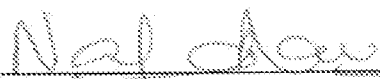
AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed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

IN TESTIMONY WHEREOF, I have hereunto set my hand this 14th day of March, 2013.



Yun He

IN TESTIMONY WHEREOF, I have hereunto set my hand this 14th day of March, 2013.




Narendar R. Nagulapally

IN TESTIMONY WHEREOF, I have hereunto set my hand this 14th day of MARCH, 2013.



Sanjib Sarkar

IN TESTIMONY WHEREOF, I have hereunto set my hand this 14th day of March, 2013.



Ivan Herrera Mejia

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2013.

Ruchira K. Liyanage

ASSIGNMENT

WHEREAS, We, Yun He, residing at 3600 Juliette Ln, SC12-422, Santa Clara, CA, US 95054, and Narender R. Nagulapally, residing at FM5-161, Folsom, CA, US 95630, and Sanjib Sarkar, residing at 1385 Marsden Court, Folsom, CA, US 95630, and Ivan Herrera Mejia, residing at 1492 Lesis Way, Folsom, CA, US 95630, and Ruchira K. Liyanage, residing at 860 Fieldstone Ct, Folsom, CA, US 95630, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States entitled ADAPTIVE CONTROL LOOP PROTECTION FOR FAST AND ROBUST RECOVERY FROM LOW-POWER STATES IN HIGH SPEED SERIAL I/O APPLICATIONS;

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NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights

under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

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

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Yun He

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Narender R. Nagulapally

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Sanjib Sarkar

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Ivan Herrera Mejia

IN TESTIMONY WHEREOF, I have hereunto set my hand this 14 day of March, 2013.

R K Liyanage

Ruchira K. Liyanage