

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3568305

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
STEPHEN H. HALL	03/06/2013
CHAITANYA SREERAMA	03/06/2013
JASON A. MIX	03/06/2013
MICHAEL W. LEDDIGE	03/03/2013
JOSE A. SANCHEZ SANCHEZ	10/29/2013
OLUFEMI B. OLUWAFEMI	03/07/2013
PAUL G. HURAY	04/18/2013
MAYNARD C. FALCONER	03/03/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	INTEL CORPORATION
<b>Street Address:</b>	2200 MISSION COLLEGE BOULEVARD
<b>City:</b>	SANTA CLARA
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95054
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13726748
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(832)375-0202
<i>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.</i>	
<b>Phone:</b>	8323750200
<b>Email:</b>	rob.rathbun@iiplg.com
<b>Correspondent Name:</b>	INTERNATIONAL IP LAW GROUP, P.L.L.C.
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<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55402
<b>ATTORNEY DOCKET NUMBER:</b>	P50755
<b>NAME OF SUBMITTER:</b>	ROBERT RATHBUN
<b>SIGNATURE:</b>	/Robert Rathbun/

PATENT

<b>DATE SIGNED:</b>	10/14/2015
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**Total Attachments: 5**

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**ASSIGNMENT**

WHEREAS, We, Stephen H. Hall, residing at 1012 34th Pl., Forcst Grove, OR 97116, US and Chaitanya Sreerama, residing at 711 NE Jackson St., Hillsboro, OR 97124, US and Jason A. Mix, residing at 780 NE Retford Ave, Hillsboro, OR 97124, US and Michael W. Leddige, residing at 13550 SW Hiteon Ct., Beaverton, OR 97008, US and Jose A. Sanchez Sanchez, residing at Periferico Sur 7980 Edificio 4E, Tlaquepaque, 45600, Mexico and Olufemi B. Oluwafemi, residing at 1939 NE 49th way, Hillsboro, OR 97124, US and Paul G. Huray, residing at 110 Summer Haven Court, Georgetown, SC 29440-7171, US and Maynard C. Falconer, residing at 16010 NW Trakehner Way, Portland, OR 97229, US made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on December 26, 2012, which application was assigned U.S. patent application serial number 13/726,748, and is entitled CROSSTALK AWARE ENCODING FOR A DATA BUS;

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 therefor;

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

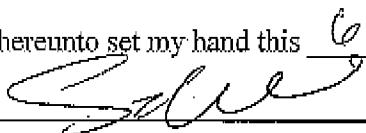
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Serial Number : 13/726,748  
Filing Date : December 26, 2012  
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which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and 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.

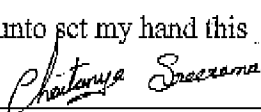
AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed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

IN TESTIMONY WHEREOF, I have hereunto set my hand this 6 day of March 2013.



Stephen H. Hall

IN TESTIMONY WHEREOF, I have hereunto set my hand this 06 day of March, 2013.



Chaitanya Sreerama

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 6 day of March, 2013.

Jason A. Mix  
Jason A. Mix

IN TESTIMONY WHEREOF, I have hereunto set my hand this 3 day of March, 2013.

Michael W. Leddige  
Michael W. Leddige

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

\_\_\_\_\_  
Jose A. Sanchez Sanchez

IN TESTIMONY WHEREOF, I have hereunto set my hand this 7 day of March, 2013.

Olufemi B. Oluwafemi  
Olufemi B. Oluwafemi

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

\_\_\_\_\_  
Paul G. Huray

IN TESTIMONY WHEREOF, I have hereunto set my hand this 3 day of March, 2013.

Maynard C. Falconer  
Maynard C. Falconer

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

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Jason A. Mix

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

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Michael W. Leddige

IN TESTIMONY WHEREOF, I have hereunto set my hand this 29 day of October, 2013.



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José A. Sanchez Sanchez

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

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Olufemi B. Oluwafemi

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

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Paul G. Huray

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

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Maynard C. Falconer

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

\_\_\_\_\_  
Jason A. Mix

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

\_\_\_\_\_  
Michael W. Leddige

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

\_\_\_\_\_  
Jose A. Sanchez Sanchez

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

\_\_\_\_\_  
Olufemi B. Oluwafemi.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 18<sup>th</sup> day of April, 2013.

Paul G. Huray  
Paul G. Huray

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

\_\_\_\_\_  
Maynard C. Falconer