

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Glenn A. Glass</td> <td>09/08/2011</td> </tr> <tr> <td>Anand S. Murthy</td> <td>09/08/2011</td> </tr> <tr> <td>Tahir Ghani</td> <td>09/08/2011</td> </tr> </tbody> </table>		Name	Execution Date	Glenn A. Glass	09/08/2011	Anand S. Murthy	09/08/2011	Tahir Ghani	09/08/2011
Name	Execution Date								
Glenn A. Glass	09/08/2011								
Anand S. Murthy	09/08/2011								
Tahir Ghani	09/08/2011								
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>13990238</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13990238				
Property Type	Number								
Application Number:	13990238								
CORRESPONDENCE DATA									
Fax Number:	6126773572								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Email:	inteldocs@cpaglobal.com								
Correspondent Name:	Neil F. Maloney								
Address Line 1:	C/O CPA Global								
Address Line 2:	P.O. Box 52050								
Address Line 4:	Minneapolis, MINNESOTA 55402								
ATTORNEY DOCKET NUMBER:	P38508US								
NAME OF SUBMITTER:	Neil F. Maloney, Reg. No. 42,833								
Signature:	/Neil F. Maloney/								
Date:	08/05/2013								
Total Attachments: 2 source=P38508PCT_Fully_Executed_Assignment#page1.tif source=P38508PCT_Fully_Executed_Assignment#page2.tif									

CH \$40.00 13990238

ASSIGNMENT

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

GLASS, Glenn A.; MURTHY, Anand S.; and GHANI, Tahir

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:

SELECTIVE GERMANIUM P-CONTACT METALIZATION THROUGH TRENCH

(I hereby authorize and request my attorney, associated with Customer Number 99256, to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on September 30, 2011 as

International Application Number PCT/US11/54202 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;

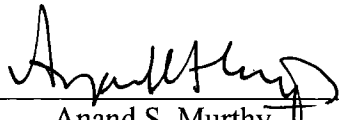
agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and 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.



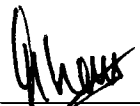
Glenn A. Glass

9/8/11
(Today's Date)



Anand S. Murthy

9/8/11
(Today's Date)



Tahir Ghani

9/8/11
(Today's Date)