

PATENT ASSIGNMENT

Electronic Version v1.1
 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>Elmoustapha Ould-Ahmed-Vall</td> <td>08/16/2012</td> </tr> <tr> <td>Kshitij A. Doshi</td> <td>08/09/2012</td> </tr> <tr> <td>Suleyman Sair</td> <td>08/16/2012</td> </tr> <tr> <td>Charles R. Yount</td> <td>08/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Elmoustapha Ould-Ahmed-Vall	08/16/2012	Kshitij A. Doshi	08/09/2012	Suleyman Sair	08/16/2012	Charles R. Yount	08/16/2012
Name	Execution Date										
Elmoustapha Ould-Ahmed-Vall	08/16/2012										
Kshitij A. Doshi	08/09/2012										
Suleyman Sair	08/16/2012										
Charles R. Yount	08/16/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Intel Corporation</td> </tr> <tr> <td>Street Address:</td> <td>2200 Mission College Blvd.</td> </tr> <tr> <td>City:</td> <td>Santa Clara</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95052</td> </tr> </table>		Name:	Intel Corporation	Street Address:	2200 Mission College Blvd.	City:	Santa Clara	State/Country:	CALIFORNIA	Postal Code:	95052
Name:	Intel Corporation										
Street Address:	2200 Mission College Blvd.										
City:	Santa Clara										
State/Country:	CALIFORNIA										
Postal Code:	95052										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>PCT Number:</td> <td>US2011062487</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	US2011062487						
Property Type	Number										
PCT Number:	US2011062487										
CORRESPONDENCE DATA											
<p>Fax Number: 6123328352 Phone: 408-867-1855 Email: klodermeier@cpaglobal.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Mnemoglyphics, LLC Address Line 1: c/o CPA Global Address Line 2: P.O. Box 52050 Address Line 4: Minneapolis, MINNESOTA 55402</p>											
ATTORNEY DOCKET NUMBER:	P38457PCT										
NAME OF SUBMITTER:	Keith Lodermeier										

CH \$40.00 US2011062487

Total Attachments: 4

source=P38457PCT_Fully_Executed_Assignment#page1.tif

source=P38457PCT_Fully_Executed_Assignment#page2.tif

source=P38457PCT_Fully_Executed_Assignment#page3.tif

source=P38457PCT_Fully_Executed_Assignment#page4.tif

ASSIGNMENT

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

**OULD-AHMED-VALL, Elmoustapha; DOSHI, Kshitij A.; SAIR,
Suleyman; and YOUNT, Charles R.**

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:

INSTRUCTION AND LOGIC TO PROVIDE VECTOR HORIZONTAL MAJORITY VOTING FUNCTIONALITY

(I hereby authorize and request my attorney, associated with Customer Number 13293, to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on November 30, 2011 as

International Application Number PCT/US2011/062487 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

Attorney Docket No.: P38457PCT

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.



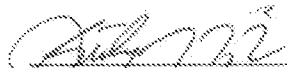
OULD-AHMED-VALL, Elmoustapha

08/16/2012

(Today's Date)

DOSHI, Kshitij A.

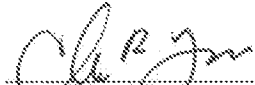
(Today's Date)



SAIR, Suleyman

8/16/2012

(Today's Date)



YOUNT, Charles R.

8/16/12

(Today's Date)

ASSIGNMENT

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

**OULD-AHMED-VALL, Elmoustapha; DOSHI, Kshitij A.; SAIR,
Suleyman; and YOUNT, Charles R.**

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:

INSTRUCTION AND LOGIC TO PROVIDE VECTOR HORIZONTAL MAJORITY VOTING FUNCTIONALITY

(I hereby authorize and request my attorney, associated with Customer Number 13293, to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on November 30, 2011 as

International Application Number PCT/US2011/062487 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

Attorney Docket No.: P38457PCT

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.

OULD-AHMED-VALL, Elmoustapha

(Today's Date)



DOSHI, Kshif A.



(Today's Date)

SAIR, Suleyman

(Today's Date)

YOUNT, Charles R.

(Today's Date)