

## 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>Mark Helm</td> <td>02/04/2013</td> </tr> <tr> <td>Jung Sheng Hoei</td> <td>02/04/2013</td> </tr> <tr> <td>Dzung Nguyen</td> <td>02/04/2013</td> </tr> <tr> <td>Aaron Yip</td> <td>02/04/2013</td> </tr> </tbody> </table>		Name	Execution Date	Mark Helm	02/04/2013	Jung Sheng Hoei	02/04/2013	Dzung Nguyen	02/04/2013	Aaron Yip	02/04/2013
Name	Execution Date										
Mark Helm	02/04/2013										
Jung Sheng Hoei	02/04/2013										
Dzung Nguyen	02/04/2013										
Aaron Yip	02/04/2013										
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>PCT Number:</td> <td>US2012030632</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	US2012030632						
Property Type	Number										
PCT Number:	US2012030632										
CORRESPONDENCE DATA											
Fax Number:	6123328352										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Email:	rbailey@cpaglobal.com										
Correspondent Name:	Cool Patent, P.C.										
Address Line 1:	c/o CPA Global										
Address Line 2:	PO Box 52050										
Address Line 4:	Minneapolis, MINNESOTA 55402										
ATTORNEY DOCKET NUMBER:	P43596PCT										
NAME OF SUBMITTER:	Kenneth J. Cool										
Signature:	/Kenneth J. Cool - Reg. No. 40,570/										

Date:

09/05/2013

Total Attachments: 2

source=P43596PCT\_Assignment#page1.tif

source=P43596PCT\_Assignment#page2.tif

*Attorney Docket No.: P43596PCT*

## **ASSIGNMENT**

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

**MARK HELM; JUNG SHENG HOEI; DZUNG NGUYEN; AARON YIP**

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:

### **THREE DIMENSIONAL MEMORY CONTROL CIRCUITRY**

**(I hereby authorize and request my attorney, associated with Customer Number 67861, to insert on the designated lines below, the filing date and application number of said application when known.)**

which was filed on March 26, 2012 as

International Application Number PCT/US2012/030632 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

*Attorney Docket No.: P43596PCT*

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.

  
\_\_\_\_\_  
MARK HELM


2/4/13  
(Today's Date)

  
\_\_\_\_\_  
JUNG SHENG HOEI

2/4/13  
(Today's Date)

  
\_\_\_\_\_  
DZUNG NGUYEN

2/4/13  
(Today's Date)

  
\_\_\_\_\_  
AARON YIP

2/4/13  
(Today's Date)