

## 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>William L. Barber</td> <td>12/16/2011</td> </tr> <tr> <td>Keith Pinson</td> <td>12/16/2011</td> </tr> <tr> <td>Andrew P. Collins</td> <td>12/15/2011</td> </tr> <tr> <td>Boping Wu</td> <td>12/16/2011</td> </tr> <tr> <td>Isaac Ali</td> <td>12/16/2011</td> </tr> <tr> <td>Colin L. Perry</td> <td>12/16/2011</td> </tr> </tbody> </table>		Name	Execution Date	William L. Barber	12/16/2011	Keith Pinson	12/16/2011	Andrew P. Collins	12/15/2011	Boping Wu	12/16/2011	Isaac Ali	12/16/2011	Colin L. Perry	12/16/2011
Name	Execution Date														
William L. Barber	12/16/2011														
Keith Pinson	12/16/2011														
Andrew P. Collins	12/15/2011														
Boping Wu	12/16/2011														
Isaac Ali	12/16/2011														
Colin L. Perry	12/16/2011														
RECEIVING PARTY DATA															
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>Application Number:</td> <td>13331500</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13331500										
Property Type	Number														
Application Number:	13331500														
CORRESPONDENCE DATA															
Fax Number:	(612)332-8352														
Email:	deepikas@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>															
Correspondent Name:	Kacvinsky Daisak PLLC														
Address Line 1:	c/o CPA Global														
Address Line 2:	PO Box 52050														
Address Line 4:	Minneapolis, MINNESOTA 55402														
ATTORNEY DOCKET NUMBER:	P41247														

NAME OF SUBMITTER:

John F. Kacvinsky

**Total Attachments: 6**

source=P41247\_Executed\_Assignment#page1.tif

source=P41247\_Executed\_Assignment#page2.tif

source=P41247\_Executed\_Assignment#page3.tif

source=P41247\_Executed\_Assignment#page4.tif

source=P41247\_Executed\_Assignment#page5.tif

source=P41247\_Executed\_Assignment#page6.tif

## ASSIGNMENT

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

**William L. Barber, Keith Pinson, Andrew P. Collins, Boping Wu, Isaac Ali, Colin L. Perry**

hereby sell, assign, and transfer to:

**Intel Corporation**

a corporation of Delaware, having a principal place of business at 2500 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 application for the United States patent entitled:

## **DECOUPLING ARRANGEMENT**

(I hereby authorize and request my attorney, associated with Customer Number 57035, to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on Dec. 20, 2011 as

United States Application Number 13/331,500 and

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority resulting from the filing of said United States applications;

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

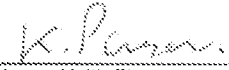
1

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.

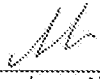
Please Sign and Date Below:


16 Dec 2011  
Date  
  
Name: William L. Barber

16/DEC/2011  
Date  
  
Name: Keith Pinson

\_\_\_\_\_  
Date  
Name: Andrew P. Collins

\_\_\_\_\_  
Date  
Name: Boping Wu

16-12-11  
Date  
  
Name: Isaac Ali

16/Dec/2011  
Date  
  
Name: Colin L. Perry

Assignment Document Return Address:  
KACVINSKY DAISAK PLLC  
C/O CPA GLOBAL  
PO BOX 52050  
MINNEAPOLIS, MN 55402

## **ASSIGNMENT**

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

**William L. Barber, Keith Pinson, Andrew P. Collins, Boping Wu, Isaac Ali, Colin L. Perry**

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 application for the United States patent entitled:

## **DECOUPLING ARRANGEMENT**

(I hereby authorize and request my attorney, associated with Customer Number **57035**, to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on Dec. 20, 2011 as

United States Application Number 13/331,500 and

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority resulting from the filing of said United States applications;

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.

Please Sign and Date Below:

\_\_\_\_\_  
Date Name: William L. Barber

\_\_\_\_\_  
Date Name: Keith Pinson

12/15/11  
Date   
Date Name: Andrew P. Collins

\_\_\_\_\_  
Date Name: Boping Wu

\_\_\_\_\_  
Date Name: Isaac Ali

\_\_\_\_\_  
Date Name: Colin L. Perry

Assignment Document Return Address:

KACVINSKY DAISAK PLLC  
C/O CPA GLOBAL  
PO BOX 52050  
MINNEAPOLIS, MN 55402

## ASSIGNMENT

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

**William L. Barber, Keith Pinson, Andrew P. Collins, Boping Wu, Isaac Ali, Colin L. Perry**

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 application for the United States patent entitled:

## **DECOUPLING ARRANGEMENT**

(I hereby authorize and request my attorney, associated with Customer Number 57035, to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on Dec. 20, 2011 as

United States Application Number 13/331,500 and

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority resulting from the filing of said United States applications;

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.

Please Sign and Date Below:

\_\_\_\_\_  
Date Name: William L. Barber

\_\_\_\_\_  
Date Name: Keith Pinson

\_\_\_\_\_  
Date Name: Andrew P. Collins

12/16/2011  
\_\_\_\_\_  
Date Name: Boping Wu

\_\_\_\_\_  
Date Name: Isaac Ali

\_\_\_\_\_  
Date Name: Colin L. Perry

Assignment Document Return Address:  
KACVINSKY DAISAK PLLC  
C/O CPA GLOBAL  
PO BOX 52050  
MINNEAPOLIS, MN 55402