

PATENT ASSIGNMENT

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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>Ilhyun KIM</td> <td>04/05/2012</td> </tr> <tr> <td>Alexandre J. FARCY</td> <td>04/05/2012</td> </tr> <tr> <td>Choon Wei KHOR</td> <td>04/04/2012</td> </tr> <tr> <td>Robert L. HINTON</td> <td>04/09/2012</td> </tr> </tbody> </table>		Name	Execution Date	Ilhyun KIM	04/05/2012	Alexandre J. FARCY	04/05/2012	Choon Wei KHOR	04/04/2012	Robert L. HINTON	04/09/2012
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Choon Wei KHOR	04/04/2012										
Robert L. HINTON	04/09/2012										
RECEIVING PARTY DATA											
Name:	INTEL CORPORATION										
Street Address:	2200 Mission College Boulevard										
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>US2011067772</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	US2011067772						
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PCT Number:	US2011067772										
CORRESPONDENCE DATA											
Fax Number:	(408)720-8383										
Phone:	(408) 720-8300										
Email:	caitlin_crabtree@bstz.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:	BLAKELY SOKOLOFF TAYLOR & ZAFMAN, LLP										
Address Line 1:	1279 Oakmead Parkway										
Address Line 4:	Sunnyvale, CALIFORNIA 94085										
ATTORNEY DOCKET NUMBER:	P38752PCT										
NAME OF SUBMITTER:	David F. Nicholson, Reg. No. 62,888										
Total Attachments: 3 source=P38752PCT_Assignment#page1.tif source=P38752PCT_Assignment#page2.tif source=P38752PCT_Assignment#page3.tif											

CH \$40.00 US2011067772

ASSIGNMENT

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

ILHYUN KIM; ALEXANDRE J. FARCY; CHOON WEI KHOR; ROBERT L. HINTON

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:

HIDING INSTRUCTION CACHE MISS LATENCY BY RUNNING TAG LOOKUPS AHEAD OF THE INSTRUCTION ACCESSES

(I hereby authorize and request my attorney, associated with Customer Number 45209, to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on December 29, 2011 as

International Application Number PCT/US2011/067772 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

Attorney Docket No.: P38752PCT

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.

ILHYUN KIM

(Today's Date)

ALEXANDRE J. FARCY

(Today's Date)

CHOON WEI KHOR
CHOON WEI KHOR


4/4/2012
(Today's Date)

ROBERT L. HINTON

(Today's Date)

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.



ILHYUN KIM

Apr 5, 2012
(Today's Date)



ALEXANDRE J. FARCY

April 5th 2012
(Today's Date)

CHOON WEI KHOR


ROBERT L. HINTON

(Today's Date)
April 9 2012
(Today's Date)