

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Sang Dhong</td> <td>12/04/2008</td> </tr> <tr> <td>Jin Cho</td> <td>11/25/2008</td> </tr> <tr> <td>John Wu</td> <td>12/01/2008</td> </tr> <tr> <td>Gurupada Mandal</td> <td>12/04/2008</td> </tr> </tbody> </table>		Name	Execution Date	Sang Dhong	12/04/2008	Jin Cho	11/25/2008	John Wu	12/01/2008	Gurupada Mandal	12/04/2008
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Sang Dhong	12/04/2008										
Jin Cho	11/25/2008										
John Wu	12/01/2008										
Gurupada Mandal	12/04/2008										
RECEIVING PARTY DATA											
Name:	Advanced Micro Devices, Inc.										
Street Address:	PO Box 3453, One AMD Place										
City:	Sunnyvale										
State/Country:	CALIFORNIA										
Postal Code:	94088-3453										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12330012</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12330012						
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Application Number:	12330012										
CORRESPONDENCE DATA											
Fax Number:	(512)439-7199										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	5124397100										
Email:	mharrison@larsonnewman.com										
Correspondent Name:	J. Gustav Larson										
Address Line 1:	5914 West Courtyard Drive										
Address Line 2:	Suite 200										
Address Line 4:	Austin, TEXAS 78730										
ATTORNEY DOCKET NUMBER:	1458-H2571										
NAME OF SUBMITTER:	J. Gustav Larson										
Total Attachments: 5											

CH \$40.00 12330012

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**PATENT
 REEL: 021942 FRAME: 0728**

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ASSIGNMENT OF INVENTION

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the ASSIGNORS named below,

Sang Dhong of San Jose, CA 95148
Jin Cho of Palo Alto, CA 94303
John Wu of Fort Collins, CO 80528
Gurupada Mandal of San Jose, CA 95148

hereby sell, assign and transfer to

ASSIGNEE: ADVANCED MICRO DEVICES, INC., having a place of business
 at One AMD Place, Sunnyvale, CA 94088-3453,

its successors, assigns and legal representatives, our entire right, title and interest throughout the world, including all rights to claim priority, in and to the invention(s) disclosed in:

- U.S. Patent Application executed on or about the date of this Assignment,
- U.S. Patent Application executed on _____, or
- U.S. Provisional Application
- U.S. Application No.: _____, filed on _____
- International Application No.: PCT/_____, filed on _____

ENTITLED: MEMORY DEVICE AND METHOD THEREOF, having

REFERENCE NO: H2571, and naming as

INVENTORS: Sang Dhong, Jin Cho, John Wu, and Gurupada Mandal

including without limitation, my entire right, title and interest in and to any and all United States and foreign applications (including international, regional and foreign national applications) for said invention(s), including divisions, continuations, continuations-in-part, renewals, substitutes and extensions thereof, and in and to any and all patents of every country or region that may be granted or have been granted for said invention(s), including any reissues and reexaminations thereof.

To comply with 37 C.F.R. § 3.21 for recording this Assignment, we authorize and request that the application number and filing date be inserted here, if not already shown above, (12 / 330,012 , filed December 8, 2008) when they become known.

We authorize ASSIGNEE to apply for patents of foreign countries for said invention(s), and to claim all rights of priority without further authorization from me.

We agree to execute any and all papers useful in connection with any and all United States and foreign applications (including international, regional, and foreign national applications), and generally to do everything possible to aid ASSIGNEE, its successors, assigns and nominees, at their request and reasonable expense, in obtaining and enforcing patents for said invention(s) in all countries.

ASSIGNMENT OF INVENTION

We hereby covenant that no assignment, sale, license, agreement, or encumbrance has been or will be made or entered into that would conflict with this Assignment.

We authorize and request the Commissioner of Patents and Trademarks to issue any U.S. Letters Patent that may be granted for said invention(s) to ASSIGNEE, its successors or assigns.

Executed on Dec. 4, 2008 by Sang Dhong
Sang Dhong

ACKNOWLEDGEMENT

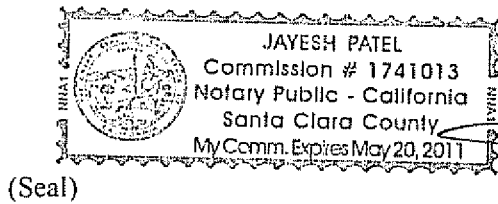
State of California
County of Santa Clara

On 12-04, 2008 before me, Jayesh Patel, Notary Public
(name and title of the officer)

personally appeared Sang Dhong, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which he/she acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Jayesh Patel
Signature of Notary

Executed on 11/25, 2008 by Jin Cho

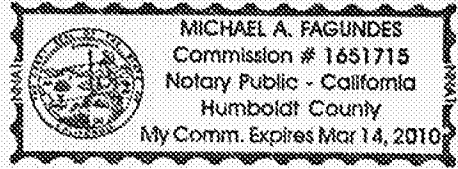
ACKNOWLEDGEMENT

State of California
County of Santa Clara

On 25th of November 2008 before me, Michael A. Fagundes Notary Public
(name and title of the officer)

personally appeared Jin Cho, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that ~~he~~/~~she~~ executed the same in ~~his~~/~~her~~ authorized capacity, and that by ~~his~~/~~her~~ signature on the instrument the person, or the entity upon behalf of which ~~he~~/~~she~~ acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.




WITNESS my hand and official seal.

Michael A. Fagundes
Signature of Notary

(Seal)

ASSIGNMENT OF INVENTION

Executed on 12/01, 2008 by 
John Wu


ACKNOWLEDGEMENT

State of Colorado
County of Larimer

On 12/1/2008, John Wu, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to within this instrument, personally appeared before me and acknowledged to me that he/she executed this instrument in his/her authorized capacity, and that by his/her signature, he/she or the entity upon behalf of which he/she acted, executed the instrument.

*My Commission
Expires
4/10/2012*

WITNESS my hand and official seal.


Signature of Notary DONNA RUPERT

ASSIGNMENT OF INVENTION

Executed on 12/04/2008, 2008 by Gurupada Mandal
Gurupada Mandal

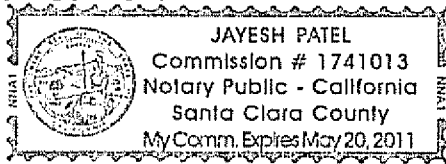
ACKNOWLEDGEMENT

State of California
County of Santa Clara

On 12-04, 2008 before me, Jayesh Patel, Notary Public
(name and title of the officer)

personally appeared Gurupada Mandal, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/h~~er~~ signature on the instrument the person, or the entity upon behalf of which he/s~~he~~ acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.



WITNESS my hand and official seal.

(Seal)

Jayesh Patel
Signature of Notary