

PATENT ASSIGNMENT

Electronic Version v1.1

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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>David M. Lynch</td><td>09/11/2008</td></tr><tr><td>Andelon X. Tra</td><td>09/17/2008</td></tr><tr><td>Oswin E. Housty</td><td>09/11/2008</td></tr></tbody></table>		Name	Execution Date	David M. Lynch	09/11/2008	Andelon X. Tra	09/17/2008	Oswin E. Housty	09/11/2008
Name	Execution Date								
David M. Lynch	09/11/2008								
Andelon X. Tra	09/17/2008								
Oswin E. Housty	09/11/2008								
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"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12236849</td></tr></tbody></table>		Property Type	Number	Application Number:	12236849				
Property Type	Number								
Application Number:	12236849								
CORRESPONDENCE DATA									
Fax Number: (512)439-7199 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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ATTORNEY DOCKET NUMBER:	1458-TT6459								
NAME OF SUBMITTER:	Adam Sheehan								
Total Attachments: 4 source=TT6459_Assignment#page1.tif									

CH 12236849 \$40.00

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PATENT

REEL: 021586 FRAME: 0238

ASSIGNMENT OF INVENTION

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

David M. Lynch of Austin, Texas 78739
Andelon X. Tra of Austin, Texas 78717
Oswin E. Housty of Austin, Texas 78749

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 CONTROL DEVICE AND METHODS
THEREOF**, having

REFERENCE NO: TT6459, and naming as

INVENTORS: David M. Lynch , Andelon X. Tra, and Oswin E. Housty

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 / 236849 , filed September 24, 2008) when they become known.

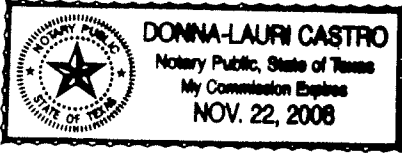
We authorize ASSIGNEE to apply for patents of foreign countries for said invention(s), and to claim all rights of priority without further authorization from me.

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 <u>9/11/08</u> , 200 <u> </u> by <u>David M. Lynch</u> David M. Lynch	
----- Notary Use Below -----	
State of <u>TEXAS</u>	
County of <u>TRAVIS</u>	
On <u>9/11/08</u> , David M. Lynch, 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.	
	WITNESS my hand and official seal. <u>Donna-Lauri Castro</u> Signature of Notary

Executed on Sept. 11, 2008 by _____
Andelon X. Tra

----- Notary Use Below -----

State of _____
County of _____

On _____, Andelon X. Tra, 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.

WITNESS my hand and official seal.

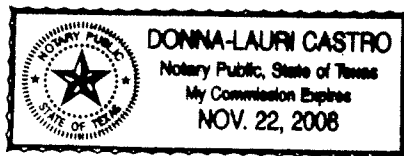
Signature of Notary

Executed on 11th September, 2008 by Oswin E. Housty

----- Notary Use Below -----

State of TEXAS
County of TRAVIS

On 9/11/08, Oswin E. Housty, 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.



WITNESS my hand and official seal.

Donna-Lauri Castro
Signature of Notary

ASSIGNMENT OF INVENTION

Andelam X. Tra

Andelam X. Tra

09/17/2008

Date

Witnesses for Inventor:

First Witness:

Richard Stibisky

09/17/2008

Signature / Date

Richard Stibisky

Full Name (printed)

Second Witness:

Warren Shi

09/18/2008

Signature / Date

WARREN SHI

Full Name (printed)