

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 A. Hughes</td><td>01/09/2009</td></tr><tr><td>Kiran K. Bondalapati</td><td>01/09/2009</td></tr><tr><td>Vydhyathan Kalyanasundharam</td><td>01/09/2009</td></tr><tr><td>Kevin M. Lepak</td><td>01/08/2009</td></tr><tr><td>Benjamin T. Sander</td><td>01/08/2009</td></tr></tbody></table>	Name	Execution Date	William A. Hughes	01/09/2009	Kiran K. Bondalapati	01/09/2009	Vydhyathan Kalyanasundharam	01/09/2009	Kevin M. Lepak	01/08/2009	Benjamin T. Sander	01/08/2009	
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Vydhyathan Kalyanasundharam	01/09/2009												
Kevin M. Lepak	01/08/2009												
Benjamin T. Sander	01/08/2009												
RECEIVING PARTY DATA													
Name:	ADVANCED MICRO DEVICES, INC.												
Street Address:	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>12356624</td></tr></tbody></table>	Property Type	Number	Application Number:	12356624									
Property Type	Number												
Application Number:	12356624												
CORRESPONDENCE DATA													
Fax Number: (512)439-7199 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 512-439-7100													
Email: dgillooly@larsonnewman.com													
Correspondent Name: LARSON NEWMAN ABEL POLANSKY & WHITE, LLP													
Address Line 1: 5914 West Courtyard Drive													
Address Line 2: Suite 200													
Address Line 4: Austin, TEXAS 78730													
ATTORNEY DOCKET NUMBER:	1458-H2593												
NAME OF SUBMITTER:	Adam D. Sheehan												

CH \$40.00 12356624

500760754

PATENT  
REEL: 022142 FRAME: 0636

**Total Attachments: 9**

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## ASSIGNMENT OF INVENTION

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

William A. Hughes	of	San Jose, CA 95125
Kiran K. Bondalapati	of	Los Altos, CA 94024
Vydhyanathan Kalyanasundharam	of	San Jose, CA 95138
Kevin M. Lepak	of	Austin, TX 78748
Benjamin T. Sander	of	Austin, TX 78735

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: **PROCESSOR POWER MANAGEMENT AND METHOD,**  
having

REFERENCE NO: H2593, and naming as

**INVENTORS:** William A. Hughes, Kiran K. Bondalapati, Vydhyathan Kalyanasundharam, Kevin M. Lepak and Benjamin T. Sander

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 / 356,624 \_\_\_\_\_, filed January 21, 2009 \_\_\_\_\_ ) 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

ASSIGNMENT OF INVENTION

their request and reasonable expense, in obtaining and enforcing patents for said invention(s) in all countries.

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 1/9, 2009 by William A. Hughes  
William A. Hughes

ACKNOWLEDGEMENT

State of California

County of \_\_\_\_\_

On \_\_\_\_\_, 200\_\_\_\_ before me, \_\_\_\_\_  
(name and title of the officer)

personally appeared \_\_\_\_\_, 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.

(Seal)

\_\_\_\_\_  
Signature of Notary

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Santa Clara

On 11/9/09

Date

before me,

Sheryl L. Armijos, Notary Public

Here Insert Name and Title of the Officer

personally appeared

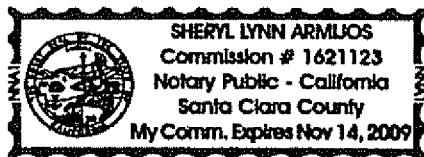
William A. Hughes

Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) 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.



Place Notary Seal Above

Signature

Sheryl L. Armijos

Signature of Notary Public

## OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

### Description of Attached Document

Title or Type of Document: \_\_\_\_\_

Document Date: \_\_\_\_\_

Number of Pages: \_\_\_\_\_

Signer(s) Other Than Named Above: \_\_\_\_\_

### Capacity(ies) Claimed by Signer(s)

Signer's Name: \_\_\_\_\_

- ☐ Individual
- ☐ Corporate Officer — Title(s): \_\_\_\_\_
- ☐ Partner — ☐ Limited ☐ General
- ☐ Attorney in Fact
- ☐ Trustee
- ☐ Guardian or Conservator
- ☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

RIGHT THUMBPRINT  
OF SIGNER

Top of thumb here

Signer's Name: \_\_\_\_\_

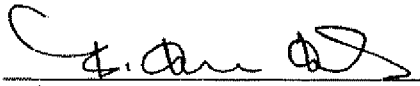
- ☐ Individual
- ☐ Corporate Officer — Title(s): \_\_\_\_\_
- ☐ Partner — ☐ Limited ☐ General
- ☐ Attorney in Fact
- ☐ Trustee
- ☐ Guardian or Conservator
- ☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

RIGHT THUMBPRINT  
OF SIGNER

Top of thumb here

ASSIGNMENT OF INVENTION

Executed on JAN 9, 2009 by   
Kiran K. Bondalapati

ACKNOWLEDGEMENT

State of California

County of \_\_\_\_\_

On \_\_\_\_\_, 200\_\_\_\_ before me, \_\_\_\_\_  
(name and title of the officer)

personally appeared \_\_\_\_\_, 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.

(Seal)

\_\_\_\_\_  
Signature of Notary

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Santa Clara

On 1/9/09 before me, Sheryl L. Armijos, Notary Public  
Date Here Insert Name and Title of the Officer  
personally appeared Kiran K. Bondakapalli  
Name(s) of Signer(s)



who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) 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.

Place Notary Seal Above

Signature [Signature]  
Signature of Notary Public

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- ☐ Individual
- ☐ Corporate Officer — Title(s): \_\_\_\_\_
- ☐ Partner — ☐ Limited ☐ General
- ☐ Attorney in Fact
- ☐ Trustee
- ☐ Guardian or Conservator
- ☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

RIGHT THUMBPRINT  
OF SIGNER  
Top of thumb here

Signer's Name: \_\_\_\_\_

- ☐ Individual
- ☐ Corporate Officer — Title(s): \_\_\_\_\_
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- ☐ Attorney in Fact
- ☐ Trustee
- ☐ Guardian or Conservator
- ☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

RIGHT THUMBPRINT  
OF SIGNER  
Top of thumb here

ASSIGNMENT OF INVENTION

Executed on 1/9, 2009 by Vydhyanathan Kalyanasundharam  
Vydhyanathan Kalyanasundharam

ACKNOWLEDGEMENT

State of California

County of \_\_\_\_\_

On \_\_\_\_\_, 200\_\_\_\_ before me, \_\_\_\_\_  
(name and title of the officer)

personally appeared \_\_\_\_\_, 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.

(Seal)

\_\_\_\_\_  
Signature of Notary

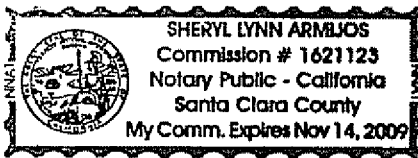
# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Santa Clara

On 1/9/09 before me, Sheryl L. Armijos, Notary Public  
Date Here Insert Name and Title of the Officer  
personally appeared Vijayhanathan Kalyanasundharan  
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) 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

Signature [Signature]  
Signature of Notary Public

Place Notary Seal Above

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☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

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OF SIGNER  
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☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney in Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

RIGHT THUMBPRINT  
OF SIGNER  
Top of thumb here


ASSIGNMENT OF INVENTION

Executed on January 8, 2009 by Kevin M. Lepak  
Kevin M. Lepak

\_\_\_\_\_  
Notary Use Below

State of Texas  
County of Travis

On January 8, 2009, Kevin M. Lepak, 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.

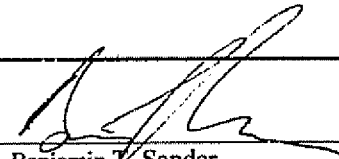
 JUNE H. KONTVIS  
MY COMMISSION EXPIRES  
November 7, 2010

WITNESS my hand and official seal.

June Kontvis  
Signature of Notary

ASSIGNMENT OF INVENTION

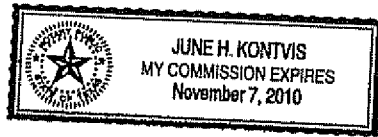
Executed on January 8, 2009 by

  
Benjamin T. Sander

\_\_\_\_\_  
Notary Use Below

State of Texas  
County of Travis

On January 8, 2009, Benjamin T. Sander, 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