

## 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>Shantanu K. Sarangi</td> <td>08/04/2013</td> </tr> <tr> <td>Vikram Chopra</td> <td>08/01/2013</td> </tr> <tr> <td>Mihir Doctor</td> <td>08/01/2013</td> </tr> <tr> <td>Eric Rentschler</td> <td>08/01/2013</td> </tr> <tr> <td>Christian Warling</td> <td>08/01/2013</td> </tr> </tbody> </table>		Name	Execution Date	Shantanu K. Sarangi	08/04/2013	Vikram Chopra	08/01/2013	Mihir Doctor	08/01/2013	Eric Rentschler	08/01/2013	Christian Warling	08/01/2013
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Christian Warling	08/01/2013												
RECEIVING PARTY DATA													
Name:	Advanced Micro Devices, Inc.												
Street Address:	One AMD Place												
City:	Sunnyvale												
State/Country:	CALIFORNIA												
Postal Code:	94085												
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>14027711</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14027711								
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CORRESPONDENCE DATA													
Fax Number:	2155686499												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	215-568-6400												
Email:	dlarsen@vklaw.com												
Correspondent Name:	Volpe and Koenig, P.C.												
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Address Line 2:	30 South 17th Street												
Address Line 4:	Philadelphia, PENNSYLVANIA 19103												
ATTORNEY DOCKET NUMBER:	AMD-120825												
NAME OF SUBMITTER:	Steven J. Gelman												

CH \$40.00 14027711

Signature:	/Steven J. Gelman/
Date:	09/16/2013
Total Attachments: 7 source=20130916_AMD_120825_Assignment#page1.tif source=20130916_AMD_120825_Assignment#page2.tif source=20130916_AMD_120825_Assignment#page3.tif source=20130916_AMD_120825_Assignment#page4.tif source=20130916_AMD_120825_Assignment#page5.tif source=20130916_AMD_120825_Assignment#page6.tif source=20130916_AMD_120825_Assignment#page7.tif	

**ASSIGNMENT OF PATENT RIGHTS**

This is an assignment of patent rights between inventor(s) Shantanu K. Sarangi, Christian Warling, Eric Rentschler, Vikram Chopra and Mihir Doctor (hereinafter referred to as the "Inventor(s)") and Advanced Micro Devices, Inc., having a place of business at One AMD Place, Sunnyvale, California, USA (hereinafter referred to as the "Assignee").

WHEREAS, Inventor(s) are named as inventors in the patent application filed in the United States of America on September 16, 2013, entitled **DEBUG APPARATUS AND METHODS FOR DYNAMICALLY SWITCHING POWER DOMAINS** having application no. 14/027,711, and having a docket number of AMD-120825 (hereinafter referred to as the "Application"); and

WHEREAS, Assignee has a desire to acquire all rights, title, and interest in the invention(s) disclosed in the Application (hereinafter referred to as the "Invention(s)"), including any rights, title, and interest in the Invention(s) not previously transferred to Assignee through prior agreement.

NOW, THEREFORE, the parties agree as follows:

1. To the extent that Inventor(s) are subject to a prior agreement transferring rights, title, and/or interest in the Invention(s) to the Assignee, Inventor(s) hereby confirm such transfer.
2. To the extent that Inventor(s) retain any rights, title, or interest in the Invention(s) not vested in the Assignee on the date(s) of execution of this Assignment, Inventor(s) hereby assign and otherwise transfer to the Assignee their entire right, title, and interest, throughout the world, in and to: the Invention(s), including any patent applications, patents, invention registrations, and equivalents thereof (including any and all provisional, international, regional, and national patents and patent applications, and all divisions, continuations, continuations-in-part, renewals, reissues, reexams, substitutes and extensions thereof), for the Invention(s) and all rights to claim priority thereto. Inventor(s) further assign and otherwise transfer to Assignee all causes of action and remedies arising under any patent or patent application for the Invention(s) prior to, on, or after the date(s) of execution of this Assignment. Inventor(s) shall not be entitled to an accounting for any causes of action or remedies pursued by Assignee.

3. The transfers set forth in Paragraphs 1 and 2 above are in consideration for the sum of at least one U.S. dollar (US\$1) (or its equivalent) and/or other consideration for which both parties acknowledge to be valuable. Such consideration includes but is not limited to at least one of the following: employment, an independent contractor agreement, monetary payment, or other benefit hereby acknowledged as received,

4. Inventor(s) hereby authorize and request the Commissioner of Patents and Trademarks, or equivalent thereof, to issue the patent for the Invention, and all resulting patents therefrom, insofar as the Inventor(s)' interest is concerned, to the Assignee,

5. Inventor(s) further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect Assignee's rights, title, and interest in the Invention(s).

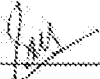
6. Inventor(s) hereby authorize Assignee, its successors and assigns, its legal representatives, or anyone the Assignee may properly designate, to insert in this Assignment of Patent Rights the filing date and/or application number of the Application when ascertained.

7. Inventor(s) hereby further agree to, with respect to any patent application or patent for the Invention(s), at the expense of the Assignee:

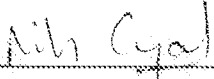
- i) testify in any legal proceedings,
- ii) sign all lawful papers,
- iii) execute all divisional, continuation, continuation-in-part, reissue, reexamination, and substitute applications,
- iv) make all lawful oaths, and assist in vesting title in the Assignee and to aid the Assignee to obtain and enforce proper protection for the subject matter of the Invention(s) in all countries and regions, and
- v) notify Assignee promptly (by facsimile or first class mail) of any subpoena or contact by any person other than Assignee or its agents regarding the Invention or resultant patent(s) issuing therefrom, and in any event at least one week prior to any deposition, legal inquiry or legal proceeding relating to the above identified invention.

This assignment is executed on the date(s) of which the Inventor(s) have signed.


Inventor: Shantanu K. Sarangi

 (Signature) 08/04/2013 (Date)  
Shantanu K Sarangi (Print Name)

Witness # 1:

 (Signature) 08/04/2013 (Date)  
MUNISH GOYAL (Print Name)

Witness # 2:

 (Signature) 08/04/2013 (Date)  
DEEPTI GOYAL (Print Name)

Inventor: Vikram Chopra

V. Chopra (Signature) 08/01/2013 (Date)  
VIKRAM CHOPRA (Print Name)

State of: CALIFORNIA )  
County of: SANTA CLARA )

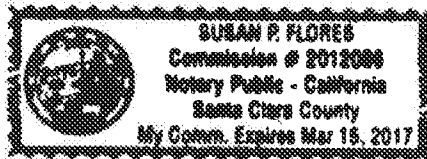
On AUG. 1, 2013 before me,  
(insert date)

SUSAN P. FLORES  
(insert name and title of the notarizing officer)

personally appeared VIKRAM CHOPRA,  
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.



(NOTARY SEAL)

Signature: S Flores

Inventor: Mihir Doctor

M. Doctor (Signature) 8/1/2013 (Date)  
Mihir Doctor (Print Name)

State of: CALIFORNIA  
County of: SANTA CLARA

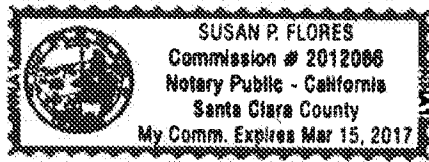
On AUG. 1, 2013 before me,  
(insert date)

SUSAN P. FLORES  
(insert name and title of the notarizing officer)

personally appeared MIHIR DOCTOR,  
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.

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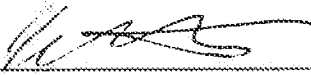
WITNESS my hand and official seal.



(NOTARY SEAL)

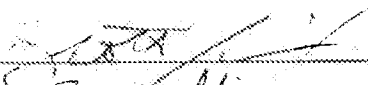
Signature: S. Flores

Inventor: Eric Rentschler

 (Signature)  
Eric Rentschler (Print Name)

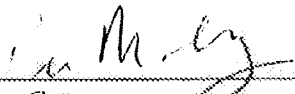
8/1/2013 (Date)

Witness # 1:

 (Signature)  
Scott Nixon (Print Name)

8/1/2013 (Date)

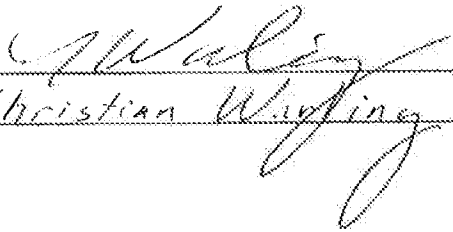
Witness # 2:

 (Signature)  
Rebecca M. Ellzey (Print Name)

08/01/13 (Date)

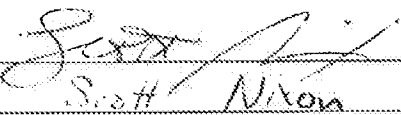


Inventor: Christian Warling

 (Signature)  
Christian Warling (Print Name)

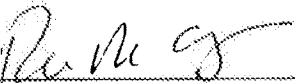
8/1/2013 (Date)

Witness # 1:

 (Signature)  
Scott Nixon (Print Name)

8/1/2013 (Date)

Witness # 2:

 (Signature)  
Rebecca M. Ellzey (Print Name)

08/01/13 (Date)