

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>Vinod TIPPARAJU</td> <td>05/14/2013</td> </tr> <tr> <td>Lee HOWES</td> <td>04/30/2013</td> </tr> <tr> <td>Thomas SCOGLAND</td> <td>04/25/2013</td> </tr> </tbody> </table>		Name	Execution Date	Vinod TIPPARAJU	05/14/2013	Lee HOWES	04/30/2013	Thomas SCOGLAND	04/25/2013		
Name	Execution Date										
Vinod TIPPARAJU	05/14/2013										
Lee HOWES	04/30/2013										
Thomas SCOGLAND	04/25/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Advanced Micro Devices, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>One AMD Place</td> </tr> <tr> <td>City:</td> <td>Sunnyvale</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94088</td> </tr> </table>		Name:	Advanced Micro Devices, Inc.	Street Address:	One AMD Place	City:	Sunnyvale	State/Country:	CALIFORNIA	Postal Code:	94088
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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>13897141</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13897141						
Property Type	Number										
Application Number:	13897141										
CORRESPONDENCE DATA											
Fax Number:	2023712540										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	(202) 371-2600										
Email:	JasonE@skgf.com, SGadde@skgf.com, TTOPS-Secys@skgf.com										
Correspondent Name:	Steme, Kessler, Goldstein & Fox P.L.L.C										
Address Line 1:	1100 New York Avenue N.W.										
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20005										
ATTORNEY DOCKET NUMBER:	1972.3140000										
NAME OF SUBMITTER:	Jason D. Eisenberg										
Signature:	/jason d. eisenberg #43447/										

Date:

05/17/2013

Total Attachments: 18

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ASSIGNMENT OF PATENT RIGHTS

This is an assignment of patent rights between inventor(s) **Vinod TIPPARAJU, Lee HOWES and Thomas SCOGLAND** (hereinafter referred to as the "Inventor(s)") and **Advanced Micro Devices, Inc.**, having a place of business at **One AMD Place, Sunnyvale, California 94088, USA** (hereinafter referred to as the "Assignee").

WHEREAS, Inventor(s) are named as inventors in the patent application filed in **USA** on Herewith, entitled **Efficient Processor Load Balancing Using Predication Flags**, having application no. To Be Assigned, and having a docket number of **1972.3140000** (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: Vinod TIPPARAJU

[Signature] (Signature) 5-14-13 (Date)
VINOD TIPPARAJU (Print Name)

State of TEXAS

County of TRAVIS

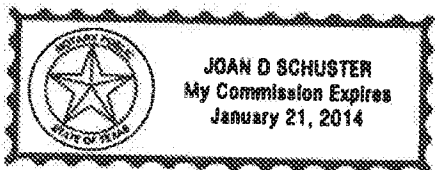
On May 14, 2013 before me,
(insert date)

Joan D. Schuster, Administrative Specialist
(insert name and title of the notarizing officer)

personally appeared Vinod Tipparaju,
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
TEXAS that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.




(NOTARY SEAL)

Signature: [Signature]

Witness # 1:

[Signature] (Signature) 5/14/13 (Date)
RAUSH HASTANTRAM (Print Name)

Witness # 2:

 (Signature) 5/14/13 (Date)
BESAR WICAKSONO (Print Name)

Inventor: Lee HOWES

_____ (Signature) _____ (Date)
_____ (Print Name)

State of _____)

County of _____)

On _____ before me,
(insert date)

(insert name and title of the notarizing officer)

personally appeared _____,
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
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I certify under PENALTY OF PERJURY under the laws of the State of _____
that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(NOTARY SEAL)

Signature: _____

Witness # 1:

_____ (Signature) _____ (Date)

_____ (Print Name)

Witness # 2:

_____ (Signature) _____ (Date)

_____ (Print Name)

Inventor: **Thomas SCOGLAND**

_____ (Signature) _____ (Date)

_____ (Print Name)

State of _____)

County of _____)

On _____ before me,
(insert date)

(insert name and title of the notarizing officer)

personally appeared _____,
who proved to me on the basis of satisfactory evidence to be the person(s) whose
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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 _____ that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(NOTARY SEAL)

Signature: _____

Witness # 1:

_____ (Signature) _____ (Date)

_____ (Print Name)

Witness # 2:

_____ (Signature) _____ (Date)

_____ (Print Name)

1679391_1.DOCX

ASSIGNMENT OF PATENT RIGHTS

This is an assignment of patent rights between inventor(s) **Vinod TIPPARAJU, Lee HOWES and Thomas SCOGLAND** (hereinafter referred to as the "Inventor(s)") and Advanced Micro Devices, Inc., having a place of business at One AMD Place, Sunnyvale, California 94088, USA (hereinafter referred to as the "Assignee").

WHEREAS, Inventor(s) are named as inventors in the patent application filed in USA on Herewith, entitled **Efficient Processor Load Balancing Using Predication Flags**, having application no. To Be Assigned, and having a docket number of **1972.3140000** (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: Vinod TIPPARAJU

_____ (Signature) _____ (Date)
_____ (Print Name)

State of _____)
County of _____)

On _____ before me,
(insert date)

(insert name and title of the notarizing officer)

personally appeared _____,
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
_____ that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(NOTARY SEAL) Signature: _____

Witness # 1:

_____ (Signature) _____ (Date)
_____ (Print Name)

Witness # 2:

(Signature) _____ (Date)

(Print Name)

Inventor: Lee HOWES

Lee Howes (Signature) 2013-04-30 (Date)
LEE HOWES (Print Name)

State of CALIFORNIA
County of SANTA CLARA

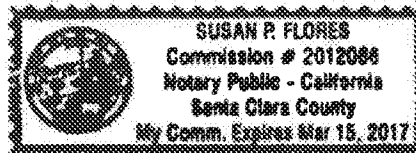
On APRIL 30, 2013 before me,
(insert date)

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

personally appeared LEE HOWES
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.

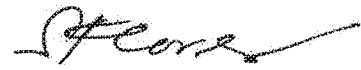
WITNESS my hand and official seal.



Susan Flores

(NOTARY SEAL)

Signature: _____



Witness # 1:

_____ (Signature) _____ (Date)

_____ (Print Name)

Witness # 2:

_____ (Signature) _____ (Date)

_____ (Print Name)

Inventor: **Thomas SCOGLAND**

_____ (Signature) _____ (Date)

_____ (Print Name)

State of _____)

County of _____)

On _____ before me,
(insert date)

(insert name and title of the notarizing officer)

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

Inventor: Vinod TIPPARAJU

_____(Signature) _____(Date)
_____(Print Name)

State of _____)
County of _____)

On _____ before me,
(insert date)

(insert name and title of the notarizing officer)

personally appeared _____,
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
_____ that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(NOTARY SEAL)

Signature: _____

Witness # 1:

_____(Signature) _____(Date)
_____(Print Name)

Witness # 2:

_____ (Signature) _____ (Date)
_____ (Print Name)

Inventor: **Lee HOWES**

_____ (Signature) _____ (Date)
_____ (Print Name)

State of _____)

County of _____)

On _____ before me,
(insert date)

(insert name and title of the notarizing officer)

personally appeared _____,
who proved to me on the basis of satisfactory evidence to be the person(s) whose
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WITNESS my hand and official seal.

(NOTARY SEAL)

Signature: _____

Witness # 1:

_____ (Signature) _____ (Date)

_____ (Print Name)

Witness # 2:

_____ (Signature) _____ (Date)

_____ (Print Name)

Inventor: **Thomas SCOGLAND**

Tom Scogland (Signature) 4/25/13 (Date)

Thomas Scogland (Print Name)

State of Virginia)

County of Montgomery)

On _____ before me,
(insert date)

(insert name and title of the notarizing officer)

personally appeared _____,
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

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WITNESS my hand and official seal.

(NOTARY SEAL)

Signature: _____

Witness # 1:

Brian Bowden (Signature) 4/25/13 (Date)
Brian Bowden (Print Name)

Witness # 2:

[Signature] (Signature) 4/25/13 (Date)
Paul Sartre (Print Name)

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