502352259 05/17/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Vinod TIPPARAJU	05/14/2013
Lee HOWES	04/30/2013
Thomas SCOGLAND	04/25/2013

RECEIVING PARTY DATA

Name:	Advanced Micro Devices, Inc.
Street Address:	One AMD Place
City:	Sunnyvale
State/Country:	CALIFORNIA
Postal Code:	94088

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13897141

CORRESPONDENCE DATA

Fax Number: 2023712540

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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/	
	PATENT	

PATENT REEL: 030444 FRAME: 0484 P \$40,00 1389

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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 <u>Herewith</u>, entitled <u>Efficient Processor Load Balancing Using Predication Flags</u>, having application no. <u>To Be Assigned</u>, 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			
was fix	(Signature)	5-14-13	(Date)
VINOD TIPPARATY	(Print Name)		
State of TEXAS	<u> </u>		
State of TEXAS County of TRAVIS			
On <u>May 14, 2013</u> (insert date)			
Joan D. Schuster (insert name and	Admin Strative	Specialist g officer)	······
personally appeared who proved to me on the baname(s) is/are subscribed to he/she/they executed the sar his/her/their signature(s) on the which the person(s) acted, exe	od Tippara issis of satisfactory the within instrurne in his/her/their is instrument the p	ひ evidence to be the nent and acknowle authorized capacity erson(s), or the en	edged to me that /(ies), and that by
I certify under PENALTY			
WITNESS my hand and officia	l seal.		
JOAN D SCHUSTER My Commission Expires January 21, 2014			
(NOTARY SEAL)	Signature:		
Witness # 1:			
Javis	(Signature)	<u> 5 14 13.</u>	(Date)
RAVUH HASTANZERM	(Print Name)		

Witness # 2			
Basar Wicaksono	(Signature)	5/14/13	(Date)
Besar Wicaksono	(Print Name)		
Inventor: Lee HOWES			
	(Signature)		(Date)
	(Print Name)		
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	(Signature)	(Date)
	(Print Name)	
Witness # 2:		
	(Signature)	(Date)
	(Print Name)	
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State of		
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his/ner/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 O	OF PERJURY under the laws of the State on the the state of the foregoing paragraph is true and correct.	4	
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Witness # 1:			
	(Signature)(Date) (Print Name)		
Witness # 2:			
	(Signature) (Date) (Print Name)		

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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. <u>To Be Assigned</u>, 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:

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- 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.

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 - 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.

(Signature) (Date) (Print Name) State of
State of
County of) On before me, (insert date)
On before me, (insert date)
(insert name and title of the notarizing officer)
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)

Witness # 2:		
	(Signature)	(Date)
Inventor: Lee HOWES		
1 Al	(Signature)	2013-04-30 (Date)
LEA HOWES	(Print Name)	
State of COUFORA	18)	
State of CALIFORM County of SANTA CL	ARA)	
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certify under PENALTY OF	PERJURY unat the foregoing	nder the laws of the State of paragraph is true and correct.
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	Ś	SUSAN P. FLORES Commission # 2012086 Notary Public - California Senta Clara County My Comm. Essivas Star 15, 2017
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(NOTARY SEAL)	Signature:	
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Witness # 2:		
	(Signature)	(Date)
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	(Signature)(Date)	
Witness # 2:		
	(Signature)(Date)	

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

Inventor: Vinod TIPPARA	W	
	(Signature)	(Date)
State of		
County of		
On(insert date)	before me,	
name(s) is/are subscribe he/she/they executed the his/her/their signature(s) of which the person(s) acted I certify under PENAL	ne basis of satisfactory evidence and to the within instrument and same in his/her/their authorized on the instrument the person(s), content the instrument. TY OF PERJURY under the that the foregoing paragrap	acknowledged to me that by capacity(ies), and that by or the entity upon behalf or laws of the State or
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(NOTARY SEAL)	Signature:	
Witness # 1:		
	(Signature)(Print Name)	(Date)

Witness # 2:		
	(Signature)	(Date)
Inventor: Lee HOWES		
<u> </u>	(Signature)	(Date)
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State of)	
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On(insert date)	before me,	
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I certify under PENALT	Y OF PERJURY under t	he laws of the State of aph is true and correct.
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Witness # 1:			
,,,,	(Signature)		(Date)
	(Print Name)		
Witness # 2:			
	(Signature)		(Date)
Inventor: Thomas SCOGLAN Tomas Scoglan		4/25/13	(Date)
State of <u>Virginia</u>)		
County of Montgomer			
On(insert date)	before me,		
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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:
Brian Bowden (Signature) 4/25/13 (Date) Brian Bowden (Print Name)
Witness # 2: (Signature) R_{44} R_{44} R_{44} R_{44} (Print Name)
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PATENT REEL: 030444 FRAME: 0503

RECORDED: 05/17/2013