PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANGEL E. SOCARRAS	03/19/2014
CURTIS ALAN GILGAN	03/19/2014
ALEXANDER FUAD ASHKAR	03/19/2014

RECEIVING PARTY DATA

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Street Address:	ONE AMD PLACE
City:	SUNNYVALE
State/Country:	CALIFORNIA
Postal Code:	94085

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14243050

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	AMDATI-120868-US-NP
NAME OF SUBMITTER:	GREGORY R. GRACE
SIGNATURE:	/Gregory R. Grace/
DATE SIGNED:	04/02/2014

Total Attachments: 6

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PATENT REEL: 032580 FRAME: 0575

ASSIGNMENT OF PATENT RIGHTS

This is an assignment of patent rights between inventor(s) Angel E. Socarras, Curtis Alan Gilgan, and Alexander Fuad Ashkar (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 $\frac{\mathrm{April}\;2}{}$, 2014 entitled SYSTEM AND METHOD OF TESTING PROCESSOR UNITS USING CACHE RESIDENT TESTING, having application no. $\frac{14/243,050}{}$, and having a docket number of AMDATI-120868-US-NP (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,

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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.

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

Inventor: Angel E.	Socarras			
ANGEL E. SOC	-ARRAS	(Signature) (Print Name)	3/19/14 (Date) 3/19/ JENNIE L. WILSON	14
Witness # 1:		(Signature)	Notary Public - State of Florida My Comm. Expires May 20, 2018 Commission # FF 092008 [Date]	g k ¹
Witness # 2:		(Print Name) (Signature)	(Date)	٠
		(Print Name)		

Inventor: Curtis Alan Gilgan		
Cortis A. Grecon	(Signature) (Print N ame)	Макси 19,2014 (Date)
State of:	TEXOS)	
County of:	TOOVIS	
On <u>(1/4,701)</u> (insert date)	before me,	
(insert name and till	tle of the notarizing offic	er)
name(s) is/are subscribed he/she/they executed the s	basis of satisfactory evento to the within instrume ame in his/her/their au the instrument the per	vidence to be the person(s) whose ent and acknowledged to me that the ithorized capacity(ies), and that by son(s), or the entity upon behalf or
I certify under PENALTY OF that the foregoing paragraph		ws of the State of Texas
WITNESS my hand and office	ial seal.	
(NOTARY SEAL)	Signature:ু	Constitution of the second
AMBELA WITH Commission 25, January 25,	l Expires	

Inventor: Alexand	er Fuad Ashkar			
Alexander F	val Ashkar	; (Signature) (Print Name)	JENNIE L.	
Witness # 1:			Commission	s May 20, 2018
		_(Signature) _(Print Name)	(Date)
Witness # 2:				
		_(Signature) _(Print Name)		Date)

Inventor: Curis Alan Gilg	an	
	(Signature)(Print Name)	Date)
State of: County of:	Elonido) Orange)	
On <u>March 19, 201</u> (insert date)	✓ before me,	
Jennie L. Wike (insert name ar	nd title of the notarizing officer)	
who proved to me on the name(s) is/are subscribed the his/her/their signature(s)	the basis of satisfactory evidence to be the poed to the within instrument and acknowled ne same in his/her/their authorized capacity(is on the instrument the person(s), or the entityed, executed the instrument.	person(s) whose ged to me that es), and that by
I certify under PENALTY that the foregoing parag	OF PERJURY under the laws of the State of _ raph is true and correct.	Flori va
WITNESS my hand and	official seal.	
(NOTARY SEAL)	Signature:	(b)
JENNIE L. WIL Notary Public - State My Comm. Expires M Commission # FF	e of Florida P ay 20, 2018 9	

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