

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3110020

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOSEPH L. GREATHOUSE	09/04/2014
MITESH R. MESWANI	09/04/2014
SOORAJ PUTHOOR	09/04/2014
DMITRI YUDANOV	09/04/2014
JAMES M. O'CONNOR	09/22/2014
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	
Property Type	Number
Application Number:	14490213
CORRESPONDENCE DATA	
Fax Number:	(215)568-6499
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	215-568-6400
Email:	Hlannuzzi@vklaw.com
Correspondent Name:	VOLPE AND KOENIG, P.C.
Address Line 1:	30 S 17TH STREET
Address Line 2:	UNITED PLAZA, SUITE 1800
Address Line 4:	PHILADELPHIA, PENNSYLVANIA 19103
ATTORNEY DOCKET NUMBER:	AMD-130107-US-NP
NAME OF SUBMITTER:	STEVEN J GELMAN
SIGNATURE:	/Steven J. Gelman/
DATE SIGNED:	11/17/2014
Total Attachments: 7	
source=130107-US-NP_Executed_Assignment#page1.tif	

source=130107-US-NP_Executed_Assignment#page2.tif
source=130107-US-NP_Executed_Assignment#page3.tif
source=130107-US-NP_Executed_Assignment#page4.tif
source=130107-US-NP_Executed_Assignment#page5.tif
source=130107-US-NP_Executed_Assignment#page6.tif
source=130107-US-NP_Executed_Assignment#page7.tif

ASSIGNMENT OF PATENT RIGHTS

This is an assignment of patent rights between inventor(s) Joseph L. Greathouse, Mitesh R. Meswani, Sooraj Puthoor, Dmitri Yudanov, and James M. O'Connor (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 18, 2014, entitled HETEROGENEOUS FUNCTION UNIT DISPATCH IN A GRAPHICS PROCESSING UNIT, having application no. 14/490,213, and having a docket number of AMD-130107-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,

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: Joseph L. Greathouse

Joseph L. Greathouse (Signature) 9/4/2014 (Date)
Joseph Greathouse (Print Name)

State of: Texas

County of: Travis

On September 4, 2014 before me,
 (insert date)

Angela Withrow, Notary Public
 (insert name and title of the notarizing officer)

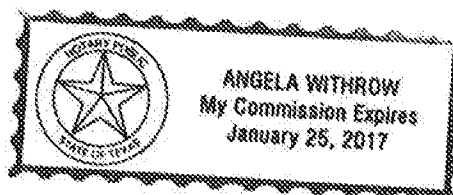
personally appeared Joseph Greathouse,
 who proved to me on the basis of satisfactory evidence to be the person(s) whose
 name(s) is/are subscribed to the within instrument and acknowledged to me that
 he/she/they executed the same in his/her/their authorized capacity(ies), and that by
 his/her/their 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: Angela Withrow



Inventor: Mitesh R. Meswani

M. R. Meswani (Signature) 09/04/2014 (Date)
MITESH R. MESWANI (Print Name)

State of: Texas
County of: Tarrant

On 09 September 2014 before me,
(insert date)

Angela Withrow, Notary Public
(insert name and title of the notarizing officer)

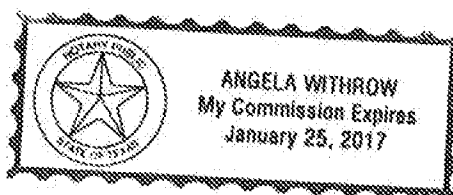
personally appeared Mitesh R. Meswani,
who proved to me on the basis of satisfactory evidence to be the person(s) whose
name(s) is/are subscribed to the within instrument and acknowledged to me that
he/she/they executed the same in his/her/their authorized capacity(ies), and that by
his/her/their signature(s) 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]



Inventor: Sooraj Puthoor

Sooraj Puthoor (Signature) 09/04/2014 (Date)
SOORAJ PUTHOOR (Print Name)

State of: Texas
County of: Travis

On September 4, 2014 before me,
(insert date)

Angela Withrow, Notary Public
(insert name and title of the notarizing officer)

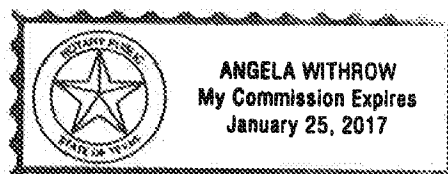
personally appeared Sooraj Puthoor,
who proved to me on the basis of satisfactory evidence to be the person(s) whose
name(s) is/are subscribed to the within instrument and acknowledged to me that
he/she/they executed the same in his/her/their authorized capacity(ies), and that by
his/her/their signature(s)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



Inventor: Dmitri Yudanov


 _____ (Signature) 9/4/14 (Date)
Dmitri Yudanov (Print Name)

State of:

Texas

County of:

Travis

On September 4, 2014 before me,
 (insert date)

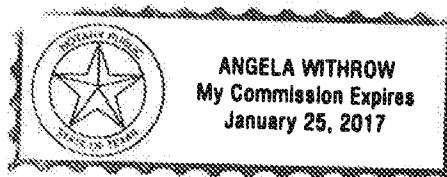
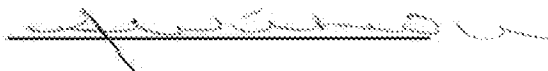
Angela Withrow, Notary Public
 (insert name and title of the notarizing officer)

personally appeared Dmitri Yudanov,
 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.

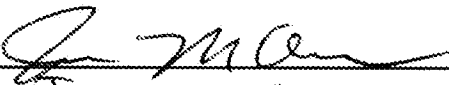
I certify under PENALTY OF PERJURY under the laws of the State of Texas
 that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(NOTARY SEAL)

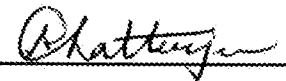
Signature: 

Inventor: James M. O'Connor

 (Signature)
James M. O'Connor (Print Name)

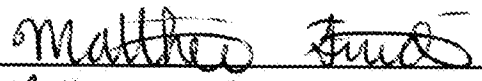
9/22/14 (Date)

Witness # 1:

 (Signature)
NILADRISH CHATTERJEE (Print Name)

9/22/14 (Date)

Witness # 2:

 (Signature)
Matthew D. Sinclair (Print Name)

9/22/14 (Date)