505026364 07/30/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5073114

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MILIND S. BHAGAVAT	07/30/2018
FARSHAD GHAHGHAHI	07/30/2018

RECEIVING PARTY DATA

Name:	ADVANCED MICRO DEVICES, INC.
Street Address:	2485 AUGUSTINE DRIVE
Internal Address:	ATTN: LEGAL DEPARTMENT
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16048826

CORRESPONDENCE DATA

Fax Number: (832)565-1761

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Correspondent Name: TIMOTHY HONEYCUTT, ATTORNEY AT LAW

Address Line 1: 37713 PARKWAY OAKS LN. Address Line 4: MAGNOLIA, TEXAS 77355

ATTORNEY DOCKET NUMBER:	AMDI:351\HON
NAME OF SUBMITTER:	TIMOTHY M. HONEYCUTT
SIGNATURE:	/Timothy M. Honeycutt/
DATE SIGNED:	07/30/2018

Total Attachments: 5

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AMD Reference No. 180018

ASSIGNMENT OF PATENT RIGHTS

This is an assignment of patent rights between inventor(s) **Milind S. Bhagavat, Lei Fu** and **Farshad Ghahghahi** (hereinafter referred to as the "Inventor(s)") and ADVANCED MICRO DEVICES, INC., having a place of business at 2485 Augustine Drive, Legal Department, Santa Clara, CA 95054, Attn: Legal Department (hereinafter referred to as the "Assignee").

WHEREAS, Inventor(s) are named as inventors in the patent application filed in **United**States on ,entitled **MULTI-RDL** STRUCTURE

PACKAGES AND METHODS OF FABRICATING THE SAME, having application no.

, and having a docket number of 180018

(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.

AMD Reference No. 180018

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: Farshad Ghahghahi
<u> </u>
于AKSHAO GHTHGHAHI (Print Name)
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.
State of California)
)
County of Santa Clara)
on July 30, 2018 before me, July P. Pores Notary Public, personally appeared The SHAP GHAH GHAH 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 P. FLORES Notary Public - California Santa Clara County Commission # 2183446 My Comm. Expires Mar 15, 2021 Notary Public

PATENT REEL: 046500 FRAME: 0457

[SEAL]

Inventor: Milind S. Bhagavat			
<u> 19</u>	(Signature)	7/30/18	(Date)
MILIND S. BAMGONA	(Print Name)		
A notary public or other officer co individual who signed the docume truthfulness, accuracy, or validity	ent to which this ce	cate verifies only the rtificate is attached,	identity of the and not the
State of California)			

County of Santa Clara)			
On July 30, 2018	before me,	was P. Flores	, Notary Public,
personally appeared	s of satisfactory e he within instrume in his/her/their ar instrument the per ited the instrument. RJURY under the la	vidence to be the pent and acknowled uthorized capacity(is rson(s), or the entity	ged to me that es), and that by upon behalf of
WITNESS my hand and official s	eal.	SUSAN P. FLORES Notary Public - California Santa Clara County Commission # 2183446 My Comm. Expires Mar 15, 20	21
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		[SEAL]	

Inventor: Lei Fu		
	(Signature)	(Date)
	(Print Name)	
State of)	
County of)	i.
On(insert date)	before me,	
(insert na	ame and title of the notarizing officer)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
name(s) is/are subscribe he/she/they executed the	e basis of satisfactory evidence to bed to the within instrument and ack same in his/her/their authorized capen the instrument the person(s), or the executed the instrument.	nowledged to me that pacity(ies), and that by
I certify under PENALTY (OF PERJURY under the laws of the Sta	ate of
***************************************	that the foregoing paragraph is	true and correct.
WITNESS my hand and of	fficial seal.	

PATENT REEL: 046500 FRAME: 0459

RECORDED: 07/30/2018