503987169 09/01/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY	DATA					
			Name		Execution Date	
BORIS PROKOPENKO					08/29/2016	
TIMOUR T. PALTASHEV					08/29/2016	
VLADIMIR V. KIBARDIN					08/29/2016	
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State/Country:	CALIF	CALIFORNIA				
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PROPERTY NUMBER	RS Total: 1			_		
Property Type			Number			
Application Number:		1525	1914			
CORRESPONDENCE	DATA					
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ATTORNEY DOCKET NUMBER:			1458-150322-US-NP			
NAME OF SUBMITTER:		BEATRICE ZEPEDA				
SIGNATURE:			/Beatrice Zepeda/			
DATE SIGNED:			09/01/2016			
Total Attachments: 5						
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PATENT REEL: 039611 FRAME: 0015

ASSIGNMENT OF PATENT RIGHTS

This is an assignment of patent rights between inventor(s) **Boris Prokopenko, Timour T. Paltashev,** and **Vladimir V. Kibardin** (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 <u>August 30, 2016</u>, entitled **PARALLEL MICROPOLYGON RASTERIZERS**, having application no. <u>15/251,914</u>, and having a docket number of **1458-150322** (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 eluvisions, 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) shall not be entitled to an accounting for any causes of action or remedies pursued by Assignee.

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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.

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AMD Reference No. 150322

Inventor:	1 million and the second secon	

(Signature) 29 August 20ate 6

BORIS PROKOPENKO

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 <u>August 99, 996</u> before me, (insert date) (insert name and title of the notarizing officer)

personally appeared BOLIS ProtoPento 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 $/ - f \sigma r_{\mathcal{M}} / \lambda_{\mathcal{L}}$ that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

RITA S. LIRA Commission # 2054591 Notary Public - California Santa Clara County y Comm. Expires Feb 5, 2018

(NOTARY SEAL)

Signature?

AMD Reference No. 150322

Inventor		/ /
	(Signature)	0 <u>8/29/20/6</u> (Date)
TIMOUR T. PALTASHEV		· /·

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 Clina) On <u>AUGUST 29 20/6</u> before me, (insert date) (insert name and title of the notarizing-officer)

personally appeared $\underline{77M0UV} \underline{7PaHnSHEV}$, 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.

WITNESS my hand and official seal.

RITA S. LIRA Commission # 2054591 Notary Public - California Santa Clars County Comm. Expires Feb 5, 2018

(NOTARY SEAL)

Signature: Lan A. Kin

AMD Reference No. 150322

Inventor: / (Signature) 8/29/16 (Date)

VLADIMIR V. KIBARDIN

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 <u>August 39, 30/6</u> before me, (insert date) Ritz & Lika, Urtz vy Public (insert name and title of the notarizing officer)

personally appeared <u>MARIAN VERSECTION</u> 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/he/their authorized capacity(jes), and that by his/he/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

WITNESS my hand and official seal.

RITA S. LIRA Commission # 2054591 Notary Public - California Santa Clara County My Comm. Expires Feb 5, 2018

(NOTARY SEAL)

Signature: A.J. J. J. J.

PATENT REEL: 039611 FRAME: 0020

RECORDED: 09/01/2016