PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YI XU	02/18/2014
XING HU	02/24/2014
YUAN XIE	05/16/2014

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15428536

CORRESPONDENCE DATA

Fax Number:

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.

312-356-5094 Phone:

Email: amddocketinternal@faegrebd.com CHRISTOPHER J. RECKAMP **Correspondent Name:**

Address Line 1: 311 S. WACKER DRIVE

Address Line 2: FAEGRE BAKER DANIELS LLP CHICAGO, ILLINOIS 60606 Address Line 4:

ATTORNEY DOCKET NUMBER:	100100.160178
NAME OF SUBMITTER:	CHRISTOPHER J. RECKAMP
SIGNATURE:	/CHRISTOPHER J. RECKAMP/
DATE SIGNED:	08/22/2019

Total Attachments: 5

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AMD Reference No. 130178

ASSIGNMENT OF PATENT RIGHTS

This is an assignment of patent rights between inventor(s) Yi Xu, Xing Hu and Yuan Xie (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 China on December 9, 2013, entitled VOLTAGE DROOP MITIGATION IN 3D CHIP SYSTEM,

having application no. 201310659511.X and having a docket number of 130178

(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. 130178

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.

nventor:		
YI XU	_ (Signature) _ (Print Name)	2,17.7214(Date)
Witness # 1: Gu Yinshen Gu Yinshen	_ (Signature) _ (Print Name)	<u>)014-2.18</u> (Date)
Witness # 2: Ma Youghni Ma Youghni	(Signature) (Print Name)	7014.2.18(Date)

Inventor:			
Xivá Hu XING HU	(Signature) (Print Name	2014/2/24 2014/2/24	(Date)
Witness # 1:			
Weira Lu	(Signature) (Print Name)	2014/2/24	(Date)
Witness # 2:			
Leihao Zhang Leihao Zhang	(Signature) (Print Name)	2014/2/24	(Date)

Inventor:			
YUAN XIE	(Signature) (Print Name	5/16/2014(Di	ate)
Witness # 1: Hongli Gao	(Signature)	2014, 5.16 (D	ate)
HONGLI GAO	(Print Name)		
Witness # 2:			
wulony liv	(Signature)	2014.5.16 (D	ate)
WULONG ITH	(Print Name)		

PATENT REEL: 050130 FRAME: 0420

RECORDED: 08/22/2019