PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5077029

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROLPH STEPHAN	07/12/2018

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: 2

Property Type	Number
Patent Number:	7297994
Patent Number:	6881641

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.

Email: CXU@MINTZ.COM **CATHERINE XU** Correspondent Name:

Address Line 1: ONE FINANCIAL CENTER

Address Line 2: MINTZ LEVIN

Address Line 4: BOSTON, MASSACHUSETTS 02111

ATTORNEY DOCKET NUMBER:	052416-001
NAME OF SUBMITTER:	ROBERT SWEENEY
SIGNATURE:	/robert sweeney/
DATE SIGNED:	08/01/2018

Total Attachments: 7

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> **PATENT** REEL: 046521 FRAME: 0310

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CONFIRMATORY ASSIGNMENT OF PATENT RIGHTS

This is a confirmatory assignment of patent rights between inventor Rolf Stephan having a residence at KOPLONE 14 0138 SEE CON (hereinafter referred to as the "Inventor") and Advanced Micro Devices, Inc., having a place of business at 2485 Augustine Drive, Santa Clara, California, USA (hereinafter referred to as the "Assignee").

WHEREAS, Inventor is named as a joint inventor in the patent application filed in the United States of America on October 29, 2002, entitled SEMICONDUCTOR DEVICE HAVING A RETROGRADE DOPANT PROFILE IN A CHANNEL REGION AND METHOD FOR FABRICATING THE SAME, having application no. 10/282,980, issued as U.S. Patent No. 6,881,641 on April 19, 2005 (hereinafter referred to as the "Application");

WHEREAS the Inventor through earlier Agreement, attached as Exhibit A, wishes to confirm assignment of all his patent rights as set forth therein; and

WHEREAS, Assignee has a desire to confirm an assignment of inventor's rights under an Assignment attached as Exhibit A and 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 not previously transferred to Assignee through prior agreement, if any

NOW, THEREFORE, the parties agree as follows:

- To the extent that Inventor is subject to a prior agreement transferring rights, title, and/or interest in the Invention(s) to the Assignee, Inventor hereby confirm such transfer as of June 11, 2002.
- 2. To the extent that Inventor retains any rights, title, or interest in the Invention(s) not vested in the Assignee on the date(s) of effective execution of this Assignment, Inventor hereby assigns and otherwise transfers 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 further assigns and otherwise transfers 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 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 hereby authorizes and requests 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.
- Inventor further agrees 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 hereby authorizes 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 hereby further agrees 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.
 - 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 confirmatory assignment is executed on the date(s) of which the inventor has signed.

Inventor	
<u> </u>	(Signature) <u>/Z-07-/K</u> (Date)
ROLF STEPHAN	(Print Name)
First Witness:	
1. Sal Had	(Signature) <u> </u>
Michael Rooh	(Print Name)
Second Witness:	
	(Signature) <u> </u>
STEGUARI VERGIET	CONTRACTOR AND

EXHIBIT A

FORM PTO-1595

10/29/02

U.S. Department of Commerce

ΞT

(Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)	102272577	Patent and Trademark Office
To the Honorable Commissioner of		ecord the attached original document or copy thereof.
Name of conveying party(ies):	2.	Name and address of receiving party(ies):
Karsten Wieczorek, Manfred Horstmann and	Rolf Stephan	Name: Advanced Micro Devices, Inc. Internal Address: Street Address: 5204 E. Ben White Blvd.
Additional name(s) of conveying party(ies) attached?	Yes No	internal Address:
3. Nature of conveyance:		Street Address: 5204 E. Ben White Blvd.
Assignment Merger Security Agreement Change	of Name	City: Austin State: TX Zip: 78741
Other	Add	litional name(s) & address(es) attached? Yes No
Execution Date: All on June 11, 2002		
4. Application number(s) or registration number(s):	NEW APPLICAT	TION
If this document is being filed together with a new application	on, the execution date of the appl	ication is: All on June 11, 2002
A. Patent Application No.(s):		B. Patent No.(s):
1007997		
10/282980	Additional numbers attached?	Ver No
Name and address of party to whom correspondence condocument should be mailed:	cerning 6.	Total number of applications and patents involved: _1
Name: J. Mike Amerson	7	Total fee (37 C.F.R. 3.41)\$ 40.00
Williams, Morgan & Amerson, P.C.	/ .	Enclosed
7676 Hillmont, Suite 250		Authorized to be charged to deposit account
City: Houston State: Texas Zip: 77040		Deposit account number: 01-0365/DE0103
		(Attach duplicate copy of this page if paying by deposit account)
	DO NOT USE THIS SPAC	E
9. Statement and signature.		
To the best of my knowledge and belief, the foregoing in	formation is true and correct on	dany attached copy is a true copy of the original document.
J. Mike Amerson		10/29/02
Name of Person Signing, Reg. No. 35,426	Total	Signature Date number of pages including cover sheet, attachments and documents: 4
	ents to be recorded with required cove	er sheet information to:
Com	missioner of Patents and Trademarks, Washington, D.C. 20231	Box Assignment
	NUMBER: <u>EL 798351881 l</u>	EXPRESS MAIL RECEIPT JS
23720 PATENT TRADEMARK OFFICE	DATE OF DEPOSIT: Octob	per 29, 2002
	hereby certify that this pap	er or fee is being deposited with the United States
	under 37 C.F.R. 1.10 on the	MAIL POST OFFICE TO ADDRESSEE" service date indicated above and is addressed to: Box
002 DBYRME 00000160 010365 10282980	Patent Application, Assistar 20231.	nt Commissioner for Patents, Washington, DC
	Dav. V	boading
021 40.00 CH	Jum	Signature

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do (does) hereby:

SELL, ASSIGN AND TRANSFER to ADVANCED MICRO DEVICES, INC. (the "Assignee"), a corporation of Delaware, having a place of business at 5204 East Ben White Boulevard, Austin, Texas 78741. the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled A SEMICONDUCTOR DEVICE HAVING A RETROGRADE DOPANT PROFILE CHANNEL REGION AND A METHOD FOR FABRICATING THE SAME such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof, and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature: Karsten Wieczorek	Date: 06-11-02
WITNESSES FOR Karsten Wieczorek	
Agohan K-pl	Date: 06-11-02
Masers Lander	Date: 06 - 41 - 02

Signature: Manfred Horstmann	Date: 06-11-2002
WITNESSES FOR Manfred Horstmann	
Stephan K-jel	Date: 06-11-02
r	
Malus Londi	Date: 06-11-02
Signature: Rolf Stephan	Date:
WITNESSES FOR Rolf Stephan	
Not so la	Date: 06-4-2002
Masus Lender	Date: 06-11- 2002