505620624 08/14/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT5667426

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| THOMAS P. DOLBEAR | 11/02/2017 |
| DANIEL CAVASIN | 10/19/2017 |
| SANJAY DANDIA | 11/02/2017 |

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 2

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16260794 |
| Application Number: | 14535551 |

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.

Phone: 312-356-5094

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

Address Line 1: 311 S. WACKER DRIVE

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

ATTORNEY DOCKET NUMBER: 100100.160230

NAME OF SUBMITTER: CHRISTOPHER J. RECKAMP

SIGNATURE: /CHRISTOPHER J. RECKAMP/

DATE SIGNED: 08/14/2019

Total Attachments: 5

source=260230_Assignment#page1.tif source=260230_Assignment#page2.tif

PATENT 505620624 REEL: 050046 FRAME: 0378

source=260230_Assignment#page3.tif
source=260230_Assignment#page4.tif
source=260230_Assignment#page5.tif

AMD Reference No. 170230-US-NP

ASSIGNMENT OF PATENT RIGHTS

This is an assignment of patent rights between inventor(s) Thomas P. Dolbear, Daniel Cavasin and Sanjay Dandia (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 on August 4, 2017, entitled BACK SIDE METALLIZATION, having application no. 15/669,361, and having a docket number of 100100.170230 (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. 170230-US-NP

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: Man Man Signature 11/2/17 (Date) THOMAS P. DOLBEAR (Print Name) |
|---|
| State of Texas County of Towis |
| County of Travis |
| On <u>へついらって こ, とつい</u> before me, (insert date) |
| <u>Angela to thous not any Pulotic</u> (insert name and title of the notarizing officer) |
| personally appeared Thomas P Do I bear 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 the he/she/they executed the same in his/her/their authorized capacity(ies), and that the 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 the |
| WITNESS my hand and official seal. |
| ANGELA WITHROW Notary ID #129279984 My Commission Expires Jan 25, 2021 |
| (NOTARY SEAL) Signature: |

| Inventor: | |
|---|--|
| DANIEL CAVASIN | (Signature) |
| State of Teyae County of Williamson |) |
| On 10/19/17 before | ore me, |
| Linda 5 Cannon, M (insert name and title of | the notarizing officer) |
| name(s) is/are subscribed to the he/she/they executed the same in | satisfactory evidence to be the person(s) whose within instrument and acknowledged to me that his/her/their authorized capacity(ies), and that by rument the person(s), or the entity upon behalf of |
| | PERJURY under the laws of the State of the foregoing paragraph is true and correct. |
| WITNESS my hand and official seal. | |
| LINDA J. CANNON MY COMMISSION EXPIRES October 30, 2018 | |
| (NOTARY SEAL) Sig | gnature: |

| Inventor: | |
|--|--|
| Sorfing Dozolin | (Signature)(Date) |
| SANJAY DANDIA | (Signature) <u>///>//</u> (Date) (Print Name) |
| | |
| | nis certificate verifies only the identity of the individual who is attached, and not the truthfulness, accuracy, or validity of |
| State of California) | |
|) | |
| County of Santa Clara) | |
| evidence to be the person(s) whose is and acknowledged to me that he/she/capacity(ies) and that by his/her/their | Notary Public, personally who proved to me on the basis of satisfactory name(s) is/are subscribed to the within instrument they executed the same in his/her/their authorized r signature(s) on the instrument the person(s), or rson(s) acted, executed the instrument. |
| I certify under PENALTY OF PERJUR foregoing paragraph is true and correct | Y under the laws of the State of California that the ct. |
| WITNESS my hand and official seal | |
| Notary Public | SUSAN P. FLORES Notary Public – California Santa Clara County Commission # 2183446 My Comm. Expires Mar 15, 2021 |
| riotary riushic | |

RECORDED: 08/14/2019

[SEAL]