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| | 04-27-1999 | Patent and Tra | demark Office | | | |
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| To the Honorable Commissioner of Patents | 101020401 | l original documents or o | copy the eq | | | |
| Name of conveying party(ies): Takeshi NOGAMI and Sergey LOPATIN | | 2. Name and address of receiving party(ies): Advanced Micro Devices Internal Address: M/S 68 | | | | |
| Additional name(s) of conveying party(ies) attached? Yes | □ No Internal Address: | | | | | |
| 3. Nature of conveyance: ✓ Assignment | Street Address: One | P.O. Box 3453 Street Address: One AMD Place City: Sunnyvale State: CA Zip: 94088-3453 Additional name(s) & Address(es) attached? □ Yes ⊠ No | | | | |
| ☐ Security Agreement ☐ Change of Nar ☐ Other Execution Date: | City: Sunnyvale | | | | | |
| 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application of the product | • | | | | | |
| A. Patent Application No.(s) Filed herewith | B. Patent No. | (s) | | | | |
| Additional I | numbers attached? ☐ Yes ☒ No | | | | | |
| Name and address of party to whom correspondence concerning document should be mailed: | 6. Total number of | 6. Total number of applications and patents involved: One | | | | |
| Name: Victor Flores Internal Address: P885 | 7. Total fee (37 CF | FR 3.41):\$ | <u>40.00</u> | | | |
| P.O. Box 3140 Monterey, CA 93940 | | ☐ Authorized to be charged to deposit account | | | | |
| Street Address: 4 Justin Court, Suite A | 8. Deposit Accoun | t number: | | | | |
| City: Monterey State: CA Zip: 93940 | (Attach duplicate copy of th | is page if paying by deposit account) | | | | |
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| 9. Statement and signature. To the best of my knowledge and belief, the copy is a true copy of the original document. | | d correct and any attached | d | | | |
| | ictor Flores | | 999 | | | |
| Name of Person Signing 1999 DNGUYEN 00000261 09294454 | Signature To | Date otal number of pages comprising | cover sheet 1 | | | |
| 581 40.00 OP / | | | | | | |

FOR GOOD AND VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,

TAKESHI NOGAMI, of Kanagawa, Japan, SERGEY LOPATIN, of Santa Clara, California,

hereinafter ASSIGNORS, do hereby sell, assign and transfer unto ADVANCED MICRO DEVICES, hereinafter ASSIGNEE, doing business at One AMD Place, Sunnyvale, California 94088, its successors and assignees, the entire title, interest and right, including the right of priority, in an application for Letters Patent of the United States entitled METHOD FOR REDUCING ELECTROMIGRATION IN SEMICONDUCTOR INTERCONNECT LINES, filed herewith, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, and any and all provisional, divisional, reissue, continuation, substitute or renewal applications thereof which have been or shall be filed in the United States and any and all equivalents thereto in any and all foreign countries;

And for the above consideration ASSIGNORS covenant to assign to ASSIGNEE, under identical terms herein, any and all improvements which have been or shall be developed by ASSIGNORS regarding subject matter herein;

And for the above consideration ASSIGNORS agree promptly upon request of the ASSIGNEE, its successors and assignees, to execute and deliver without further compensation any power of attorney, assignment, application (whether original, continuation, renewal, substitute, divisional or reissue) or other papers which may be necessary or desirable fully to secure to ASSIGNEE, its successors and assignees, the inventions and any of them described in said application and patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of appeal and interference proceedings involving said inventions and/or in the adjudication or re-examination of said Letters Patent, provided that the expenses which may be incurred by ASSIGNORS in lending such cooperation and assistance be paid by ASSIGNEE; and

ASSIGNORS covenant that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by ASSIGNORS, and that full right to convey the same as herein expressed is possessed by ASSIGNORS.

any and all prior and/or contemporaneous utterances, statements, representation, understandings and/or agreements whether oral and/or written in connection with this agreement.

IN WITNESS WHEREOF, ASSIGNORS agree to the above-mentioned terms and conditions as evidenced by their signatures below:

NOTARIAL CERTIFICATE

| N STAT OF TOKYO SSY OF THE UNI COUN | E-OF ted states (NTY-OF | OF AMERICA | ss:]] | | | | |
|--|--------------------------------|-------------|----------------|-------------------------|-------------|------------------------|-----------|
| | On | MAR 3 1 | 1999 | , 1999, before me | , | Joseph P. Murphy | , |
| persor | nally appea | red | <u> FAKESH</u> | I NOGAMI | | | |
| | I | personally | known to | o me | | | |
| OR | t | proved to r | ne on the | basis of satisfactory e | evidence t | to be the person who | se name |
| is sub | scribed to the | he within | instrumer | nt and acknowledged | to me tha | at (s) he executed the | same in |
| his(he | (t) authoriz | ed capacit | y, and tha | at by his(þør) signatu | re on the | instrument the person | on or the |
| entity | upon beha | lf of whic | h the pers | on acted, executed the | ne instrun | nent. | |
| | | | | | | | |

WITNESS my hand and official seal.

Notary Public

Joseph P. Murphy American Consul

NOTARIAL CERTIFICATE

| STATE OF Californa |
|--|
| STATE OF Californa] COUNTY OF Santa Class |
| On February 9, 1999, before me, Morena G. Molina, Notary Public |
| personally appearedSERGEY LOPATIN |
| personally known to me |
| OR proved to me on the basis of satisfactory evidence to be the person whose name |
| is subscribed to the within instrument and acknowledged to me that (8)he executed the same in |
| his(bet) authorized capacity, and that by his(bet) signature on the instrument the person or the |
| entity upon behalf of which the person acted, executed the instrument. |
| WITNESS my hand and official seal. |
| MORENA G. MOUNA Commission #1065389 Notary Public — California SANTA CLARA COUNTY My Comm. Expires Jul 19,1999 Notary Public Notary Public |

RECORDED: 04/19/1999