



FORM PTO-1596

1-31-92

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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

PATENTS ONLY Docket No.: 50432-083 To the Monorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto: 1. Name of Conveying Parties: 2. Name and address of receiving party: Lu YOU, Dawn M. HOPPER and Suzette K. PANGRLE Name: Advanced Micro Devices, Inc. Address: One AMD Place Additional name(s) of conveying party(ies) attached? Yes P.O. Box 3453 Sunnyvale, California 94088-3453 3. Nature of Conveyance: □ Assignment ☐ Change of Name Security Agreement Other Execution Date: January 26, 2001 Additional name(s) & address(es) attached? Yes 4. Application number(s) or patent number(s): If the document is being filed together with a new application, the execution date of the application is: B. Patent No(s). A. Patent Application No(s). 19776750 Additional numbers attached? Yes 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: \$40.00 Name: MCDERMOTT, WILL & EMERY 7. Total fee (37 CFR 3.41) Internal Address: ☐ Enclosed Authorized to be charged to deposit account 8. Deposit account number: Street Address: 600 13th Street, N.W. 500417 City: Washington State: DC Zip: 20005 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. February 6, 2001 Scott D. Paul, 42,984 Name and Registration No. of Person Signing Signature Date Total number of pages comprising cover sheet: CMB No. 0851-0011 (exp. 4/94)

PATENT

REEL: 014534 FRAME: 0197

Docket No.: 50432-083

ASSIGNMENT

SXP 1/26/61

PANGRLE

WHEREAS We, Lu YOU, Dawn M. HOPPER and Suzette K. PANGRIE, of San Jose, San Jose and Cupertino, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled USE OF SIC FOR PREVENTING COPPER CONTAMINATION OF LOW-K DIELECTRIC LAYERS, executed by me on the date of execution of this document, as shown below, and filed concurrently herewith;

AND WHEREAS, Advanced Micro Devices, Inc., a corporation of the State of Delaware and having an address of One AMD Place, P. O. Box 3453, Sunnyvale, California 94088-3453 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, we do hereby sell, assign, transfer and set over unto Advanced Micro Devices, Inc., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, we hereby agree with the said assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND we request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Advanced Micro Devices, Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

PATENT REEL: 014534 FRAME: 0198

1/26/01 /m //m
Date YOU
STATE OF CALIFORNIA) Santa) SS:
COUNTY OF Clara Notary
On 1-26-01 before me, WINDNA C. ORANGE, Public, personally appeared Lu YOU
personally known to me (or 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.
Signature of Notary) (seal of Notary)
My commission expires April 1, 2001 Whiting G. ORANGE Commission # 1127907 Notary Public — Collomia Santa Clora County My Comm. Expires Apr 1, 2001
Date Dawn M. Hoppe
STATE OF CALIFORNIA) Santa) SS: COUNTY OF CLARA)
On 1-26-01 before me, WINDNA C. ORANGE, Public. personally appeared Dawn M. HOPPER
personally known to me (or 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(iss), and that by his her/their signature(s) on

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instrument.	
WITNESS my hand and official seal. (signature of Notary)	(seal of Notary)
	WINDNA G. ORANGE Commission # 1127967 Notary Public Collomby Santa Clara County y Commis Expres Apr 1, 2001
Date Suzette D. PANGRIE PAN Suzette D. PANGRIE PAN ander	ple VGRLE 81 SKP
STATE OF CALIFORNIA) Santa) SS: COUNTY OF Clara On before me, WINDNA C. ORAN personally appeared Suzette K. PANGRIE PANGRE, SKP 1/24 personally known to me (or proved to me on the basis of satisfactory evidence) to whose name(s) (s) are subscribed to the within instrument and acknowledged to me executed the same in his (he)/their authorized capacity (ies), and that by his (her/their instrument the person(s), or the entity upon behalf of which the person(s) acted instrument.	be the person(s) that he/she/they rsignature(s) on
My commission expires April 1, 2001	(seal of Notary) ONA G. CRANGE Initiation # 1127/6/7 Public — Collionida a Clario County n. Expires Apr 1, 2008

RECORDED: 02/06/2001

the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the

PATENT REEL: 014534 FRAME: 0200