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101523706 U.S. Department of Commerce RECORDATION FORM COVER SHLL Patent and Trademark Office PATENTS ONLY Attorney Docket No. **D970** To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): Name of conveying party(ies): SUBRAMANIAN, Ramkumar ADVANCED MICRO DEVICES, INC. NGO, Minh Van One AMD Place SAHOTA, Kashmir S. P.O. Box 3453 HU, YongZhong Sunnyvale, CA 94088-3453 KINOSHITA, Hiroyuki YANG, Wenge WANG, Fei Additional name(s) & address(es) attached? Additional name(s) of conveying party(ies) □Yes attached? ☐Yes \boxtimes No 3. Nature of Conveyance: Change of Name ☐ Other ☐ Security Agreement Execution Date(s): 4/13/00, 4/26/00, 5/8/00, 5/26/00, 4/13/00, 5/26/00, 6/23/00 Submission Type: Correction of PTO Error Corrective Document ☐ New ☐ Other Reel No. 010934 Frame No. 0791 Resubmission (Non-Recordation) 4. Application number(s) or patent number(s): If this document is being filed together with a new application, execution date of the application is: A. Patent Application No(s). B. Patent No(s). Serial No.: 09/586,264 Date Filed: 5/31/00 Additional numbers attached? NO 5. Name and address of party to whom 6. Total number of applications and patents correspondence concerning document should involved: 1 be mailed: 7. Total Fee (37 CFR 3.41):\$40.00 Mikio Ishimaru The Law Offices of Mikio Ishimaru Enclosed 1046 Pinenut Court Authorization to be charged to deposit Sunnyvale, CA 94087 account 8. Deposit Account Number: 50-0374 (Attach duplicate copy of this page if paying by deposit account) 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. Mikio Johnna Oct. 28, 2000 Mikio Ishimaru Signature Date Name of Person Signing Total number of pages including cover sheet, attachments, and document: 7 Do not detach this portion Mail document to be recorded with required cover sheet information to: **Commissioner of Patents and Trademarks**

Box Assignment

Washington, D.C. 20231

Page 1 of 1

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PATENT

REEL: 011248 FRAME: 0152

Docket No: D970

ASSIGNMENT

WHEREAS, the undersigned (hereinafter termed Assignor(s)) has/have invented certain new and useful improvements in

"METHOD FOR USING A LOW DIELECTRIC CONSTANT LAYER AS A SEMICONDUCTOR ANTI-REFLECTIVE COATING"

for which a United States patent application has been executed on or before the date of this assignment.

WHEREAS, <u>ADVANCED MICRO DEVICES</u>, <u>INC.</u>, a Corporation of the State of <u>Delaware</u>, having a place of business at <u>One AMD Place</u>, <u>P.O. Box 3453</u>, <u>Sunnyvale</u>, <u>California 94088-3453</u>, (hereinafter termed Assignee), is desirous of acquiring the entire right, title and interest in and to said application and said invention and improvements thereon, and in and to Letters Patents thereon when granted in the United States and foreign countries.

NOW, THEREFORE, for good and valuable consideration received by said Assignor(s) from said Assignee, the receipt of which is hereby acknowledged by said Assignor(s):

- 1. Said Assignor(s) does hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest in and to said application and said invention and in and to any and all improvements on said invention and in and to any and all improvements on said invention heretofore or hereafter made or acquired by said Assignor(s); and in and to any and all Letters Patent on said invention and/or said improvements that may be granted in the United States or any foreign country, including each and every Letters Patent granted on any application which is a division, continuation, substitution, renewal, or continuation-in-part of any said application, and in and to each and every reissue or extension of said Letters Patent.
- 2. Said Assignor(s) hereby covenants and agrees to cooperate with said Assignee where said Assignee may enjoy to the fullest extent the right, title and interest herein conveyed. Such cooperation shall include (a) prompt execution of all papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee to perfect in it the right, title and interest herein conveyed, (b) prompt execution of all petitions, oaths, specifications or other papers (prepared at the expense of Assignee) which are deemed necessary or desirable by assignee for prosecuting said application, for filing and prosecuting divisional, continuation, substitution, renewal, continuation-in-part, or additional applications in the United States and/or foreign countries covering said invention and/or said improvements, for filing and prosecuting applications for reissuance of letters patent included herein, or for interference proceedings involving said invention and/or said improvements and (c) prompt assistance and cooperation in the prosecution of interference proceedings involving said invention and/or said improvements and in the adjudication of said Letters Patent, particularly by the disclosure of facts and the production of evidence relating to said invention and/or said improvements, provided the expenses which may be incurred by said Assignor(s) in lending such assistance and cooperation shall be paid by the Assignee.
- 3. The terms, covenants and conditions of this assignment shall inure to the benefit of said Assignee, its successors, assigns and/or other legal representatives and shall be binding upon said Assignor(s), his/her heirs, legal representatives and assigns.
- 4. Said Assignor(s) hereby warrants and represents that he/she has not entered into any assignment, contract or understanding in conflict herewith.

PATENT REEL: 011248 FRAME: 0153 IN WITNESS WHEREOF, the said Assignor has executed and delivered this instrument on the date set forth below.

4/13)2000	Trearluma
Date	Ramkumar Subramanian
STATE OF CALIFORNIA)
)ss.
COUNTY OF SANTA CLARA)
evidence) to be the person whose nan to me that he executed the same in	newn to be (or proved to me on the basis of satisfactory he is subscribed to the within instrument and acknowledged his authorized capacity, and that by his signature on the y upon behalf of which the person acted, executed the
WITNESS my hand and official seal	LASAGNE EDWARDS Commission # 124546 Notary Public - California Santa Clara County My Comm. Expires Nov 5, 2003
	Assignor has executed and delivered this instrument on the
date set forth below. $\frac{\varphi}{Z} \left(\frac{\partial \partial}{\partial z} \right)$	Ma ho
Date	Minh Van Ngo
STATE OF CALIFORNIA))ss.
COUNTY OF SANTA CLARA)
appeared Minh Van Ngo, known to to be the person whose name is subsc	MINONA C. ORANGE, Notary Public, personally me (or proved to me on the basis of satisfactory evidence) ribed to the within instrument and acknowledged to me that
ne executed the same in his authorize	ed capacity, and that by his signature on the instrument the

ignature Simma . Mange

WITNESS my hand and official seal.



person, or the entity upon behalf of which the person acted, executed the instrument.

	Assignor has executed and delivered this instrument on the
date set forth below.	
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1/8/2000	Kashmir Sahota
Date/ /	Kashmir Sahota
	/
STATE OF CALIFORNIA	
STATE OF CALIFORNIA)ss.
COUNTY OF SANTA CLARA)
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	Notes D. L.P
On before me,	, Notary Public, personally
	me (or proved to me on the basis of satisfactory evidence)
	cribed to the within instrument and acknowledged to me that
	ed capacity, and that by his signature on the instrument the
person, or the entity upon behalf of	which the person acted, executed the instrument.
WITNESS my hand and official sea	1.
William Mila and Olliam San	••
Signature	
Signature	
•	
IN WITNESS WHEREOF, the said	Assignor has executed and delivered this instrument on the
date set forth below.	\mathcal{A} Λ
5/26/2000	Jan Hy
Date	YoungZhong Hu
STATE OF CALIFORNIA	
STATE OF CALIFORNIA)ss.
COUNTY OF SANTA CLARA)33.
Yong Zhong Hu 42H	,
11 (2,2000)	(0 ()
On May 26, before me.	, WINONA C. ORANGS, Notary Public, personally
	o-me (or proved to me on the basis of satisfactory evidence)
	cribed to the within instrument and acknowledged to me that
	ed capacity, and that by his signature on the instrument the
	which the person acted, executed the instrument.
WITNESS my hand and official sea	1
λ	WINDNA CORANGE Commission # 1127987
Signature / MM	Notary Public California Santa Clara County
)	My Comm. Expires Apr 1, 2001
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4/13/00	A. Rilet
Date	Hiroyuki Kinoshita
STATE OF CALIFORNIA))ss.
COUNTY OF SANTA CLARA)
appeared <u>Hiroyuki Kinoshita</u> , knowevidence) to be the person whose nate to me that he executed the same in	notary Public, personally was to me (or proved to me on the basis of satisfactory me is subscribed to the within instrument and acknowledged in his authorized capacity, and that by his signature on the ty upon behalf of which the person acted, executed the
WITNESS my hand and official sea	al.
Signature Anague (LASAGNE EDWARDS Commission # 1240745 Notary Public - California Santa Clara County My Comm. Expires Nov 5, 2003
IN WITNESS WHEREOF, the said Date set forth below.	Assignor has executed and delivered this instrument on the
5/26/00	Way ofey
	Wenge Yang
5/26/00	Wenge Yang
5/26/00 Date	Wenge Yang)) ss.)
Date STATE OF CALIFORNIA COUNTY OF SANTA CLARA On May 2L, 2000, before me, I appeared Wenge Yang, known to me (operson whose name is subscribed to the) ss.) ss.) Notary Public, personally or proved to me on the basis of satisfactory evidence) to be the within instrument and acknowledged to me that he executed the at by his signature on the instrument the person, or the entity upon

Docket No: D970

ASSIGNMENT

WHEREAS, the undersigned (hereinafter termed Assignor(s)) has/have invented certain new and useful improvements in

"METHOD FOR USING A LOW DIELECTRIC CONSTANT LAYER AS A SEMICONDUCTOR ANTI-REFLECTIVE COATING"

for which a United States patent application has been executed on or before the date of this assignment.

WHEREAS, <u>ADVANCED MICRO DEVICES</u>, <u>INC.</u>, a Corporation of the State of <u>Delaware</u>, having a place of business at <u>One AMD Place</u>, <u>P.O. Box 3453</u>, <u>Sunnyvale</u>, <u>California 94088-3453</u>, (hereinafter termed Assignee), is desirous of acquiring the entire right, title and interest in and to said application and said invention and improvements thereon, and in and to Letters Patents thereon when granted in the United States and foreign countries.

NOW, THEREFORE, for good and valuable consideration received by said Assignor(s) from said Assignee, the receipt of which is hereby acknowledged by said Assignor(s):

- 1. Said Assignor(s) does hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest in and to said application and said invention and in and to any and all improvements on said invention and in and to any and all improvements on said invention heretofore or hereafter made or acquired by said Assignor(s); and in and to any and all Letters Patent on said invention and/or said improvements that may be granted in the United States or any foreign country, including each and every Letters Patent granted on any application which is a division, continuation, substitution, renewal, or continuation-in-part of any said application, and in and to each and every reissue or extension of said Letters Patent.
- 2. Said Assignor(s) hereby covenants and agrees to cooperate with said Assignee where said Assignee may enjoy to the fullest extent the right, title and interest herein conveyed. Such cooperation shall include (a) prompt execution of all papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee to perfect in it the right, title and interest herein conveyed, (b) prompt execution of all petitions, oaths, specifications or other papers (prepared at the expense of Assignee) which are deemed necessary or desirable by assignee for prosecuting said application, for filing and prosecuting divisional, continuation, substitution, renewal, continuation-in-part, or additional applications in the United States and/or foreign countries covering said invention and/or said improvements, for filing and prosecuting applications for reissuance of letters patent included herein, or for interference proceedings involving said invention and/or said improvements and (c) prompt assistance and cooperation in the prosecution of interference proceedings involving said invention and/or said improvements and in the adjudication of said Letters Patent, particularly by the disclosure of facts and the production of evidence relating to said invention and/or said improvements, provided the expenses which may be incurred by said Assignor(s) in lending such assistance and cooperation shall be paid by the Assignee.
- 3. The terms, covenants and conditions of this assignment shall inure to the benefit of said Assignee, its successors, assigns and/or other legal representatives and shall be binding upon said Assignor(s), his/her heirs, legal representatives and assigns.
- 4. Said Assignor(s) hereby warrants and represents that he/she has not entered into any assignment, contract or understanding in conflict herewith.

PATENT

REEL: 011248 FRAME: 0157

Docket No: D970

IN WITNESS WHEREOF, the said Assignor has executed and delivered this instrument on the date set forth below.

6/23/00

Date

Fei Wang

STATE OF CALIFORNIA

)ss.

COUNTY OF SANTA CLARA

On June 23 2000 before me, as a subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his 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.

Signature

LASAGNE EDWARDS
Conventsion # 13-colors
Natary Public - Collector
Santa Clara County
My Comm. Expires Nav 8, 2003