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U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

	GU576
To the Honorable Commissioner of Patents and Trademarks	s: Please record the attached original documents or copy thereof.
1. Name of conveying party(ies): Effiong Ibok Joong S. Jeon Arvind Halliyal	2. Name and address of receiving party(ies) Name: Advanced Micro Devices, Inc. Internal Address: One AMD Place
Minh Van Ngo Additional name(s) of conveying party(ies) attached Yes No	
3. Nature of conveyance:	
Assignment Merger	Street Address: P.O. Box 3453
Security Agreement Change of Name Other	
	City: Sunnyvale State: CA Zip: 94088-3453
Execution Date: March 22, 2002	Additional name(s) & address(es) attached? Yes No
4. Application number(s) or patent number(s):	
If this document is being filed together with a new app	dication, the execution date of the application is: $03/22/02$
A. Patent Application No.(s)	B. Patent No.(s)
	attached? Yes No /6///8363
5. Name and address of party to whom correspondence concerning document should be mailed:	1 (
Name: Andrew Romero	7. Total fee (37 CFR 3.41)\$\(\frac{40.00}{}\)
Internal Address:	Enclosed
Renner, Otto, Boisselle & Sklar, LLP	Authorized to be charged to deposit account
	8. Deposit account number:
Street Address: 1621 Euclid Avenue, 19th Floor	18-0988
City: Cleveland State: OH Zip: 44115	
DO NOT US	E THIS SPACE
9. Signature. 57EWD181 00000000 10118361	
4).00 0F Andrew Romero, Reg. No. 43,890	1 04/08/02
Name of Person Signing	Signature Date
Total number of pages including co	ver sheet, attachments, and documents:

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

ASSIGNMENT

For good and valuable consideration received of the hereinafter named assignee, receipt of which is hereby acknowledged, the undersigned

Effiong lbok 1005 East Homestead Road Sunnyvale, California 94087 USA Citizenship: USA

Joong S. Jeon

10705 Flora Vista Avenue Cupertino, California 95014 USA Citizenship: KOREA

Arvind Hallival 20679 Shelly Drive Cupertino, California 95014 USA Citizenship: India

Minh Van Ngo 40986 Canyon Heights Drive Fremont, California 94539 USA Citizenship: USA

hereby sell and assign to ADVANCED MICRO DEVICES, INC., a corporation of Delaware having a place of business at One AMD Place, P.O. Box 3453, Sunnyvale, California 94088-3453, U.S.A., its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the inventions entitled

STACKED POLYSILICON LAYER FOR **BORON PENETRATION INHIBITION**

for which application for United States Letters Pa	atent has been filed on
under Serial No	, or was executed by the
undersigned on the date below and is being filed	
application for United States Letters Patent, any	and all other applications for Letters
Patent on said inventions in countries foreign to	the United States, including all
divisional, renewal, substitute, continuation and	Convention applications based in
whole or in part upon said inventions or upon sa	id applications, and any and all
Letters Patent and reissues and extensions of Le	etters Patent granted for said
inventions or upon said applications, and every p	priority right that is or may be
predicated upon or arise from said inventions, sa	aid applications and said Letters
Patent; said assignee being hereby authorized to	
countries on any or all said inventions in the nan	-
of said assignee or otherwise as said assignee r	nay deem advisable, under the
International Convention or otherwise; the Comm	nissioner of Patents and
Trademarks of the United States of America and	the empowered officials of all other
governments being hereby authorized to issue of	
said assignee in accordance herewith; this assig	•
only that full power to make the same is had by	<u> </u>
assigned right is not encumbered by any grant, I	icense, or other right heretofore

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PATENT REEL: 012786 FRAME: 0345 given, and that the undersigned will do all acts reasonably serving to assure that said inventions, patent applications and Letters Patent shall be held and enjoyed by said assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said assignee all lawful documents including petitions. specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said assignee, to furnish said assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said inventions, and to testify in any proceedings relating to said inventions, patent applications and Letters Patent.

Signed:

Date:

Man. 12.02

State of California		
County of Santa Clara		
On March 22, 2002 before me	,	
Winaria C. Orang E, Notary	Jublic, Jame and Title of Officer (e.g., "Jane Doe, Notary Public")	
personally appeared Seffing	Tho K	
WINONA C. ORANGE Commission # 1296145 Notary Public - California Santa Clara County My Comm. Expires Apr 1, 2005	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.	
Himona C. Chango	WITNESS my hand and official seal.	
	Signature of Notary Public	
State of CALLAN CITA		
County of Santa Clara		
On March 22, 2002 before me	,	
WINDHA C. DRAKE NOTANY PU	blic.	
personally appeared Jong	Jame and Title of Officer (e.g., "Jane Doe, Notary Public")	
WINONA C. ORANGE Commission # 1296145 Notary Public - California Santa Clara County My Corner. Expires Apr 1, 2005	personally known to me OR - A 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 he/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.	
Hinona C. Vrange	WITNESS my hand and official seal.	
	Signature of Notary Public	

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State of (a) FIRE CERTIFICATE OF	ACKNOWLEDGMENT
County of Santa Clara	
M (93 5 3	
On March 22, 2002 before me),
WINDOWA C. UKANGE, VIOTARY FU	Name and Title of Officer (e.g., "Jane Doe, Notary Public")
personally appeared ARVING F	tallival
Name(s) of Signer	(s) 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
WINONA C. ORANGE Commission # 1298145 Notary Public - California	instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized
Senta Clara County My Comm. Expires Apr 1, 2005	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.
Vinona C. Drange _	WITNESS my hand and official seal.
	Signature of Notary Public
State of CALLED CERTIFICATE OF	ACKNOWLEDGMENT
County of Santa Clara	
A .	***************************************
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WINONA C. ORANGE	the basis of satisfactory evidence to be the person(s) whose name(s) is are subscribed to the within
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Santa Clara County My Comm. Expires Apr 1, 2005	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.
Himma C. Manon	WITNESS my hand and official seal.
	Signature of Notary Public
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RECORDED: 04/08/2002

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