FORM PTO-1595 (Rev. 6-93) RECOR	ET U.S. DEPARTMENT OF COMMERC Patent and Trademark Off
Tab settings □ □ □ ▼	Y Y
To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.
1. Name of conveying party(ies): Scott A. Bell Khanh B. Nguyen Harry J. Levinson Fei Wang Christopher F. Lyons Chih Yuh Yang Additional name(s) of conveying party(ies) attached? CI Yes CK No	2. Name and address of receiving party(ies) Name: Advanced Micro Devices, Inc. Internal Address: 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
3. Nature of conveyance:	750 100 100 100 100 100 100 100 100 100 1
Qk Assignment ☐ Merger	Street Address: One AMD Place
☐ Security Agreement ☐ Change of Name	P.O. Box 3453
Other	City: Sunnyvale State: CA ZIP: 3453
Execution Date: November 16, 17, 24, 25, 1998	Additional name(s) & address(es) attached? Yes CKNo
 Application number(s) or patent number(s): 0920 If this document is being filed together with a new application A. Patent Application No.(s) 	November 16, 17. In, the execution date of the application is: 24, 25, 1998 B. Patent No.(s)
Additional numbers at	ttached? CI Yes (QI No
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Himanshu S. Amin, Esq.	7. Total fee (37 CFR 3.41)\$ 40.00
Internal Address:	☑ Enclosed
	☐ Authorized to be charged to deposit account
/09/1934 canne dressess Penner Otto, Boisselle & Sklar	8. Deposit account number:
FC:5811621 Euclid Avenue 例象即 Floor	18-0988
City: Cleveland - State: Ohio ZIP: 44115	(Attach duplicate copy of this page if paying by deposit account)
DO NOT US	E THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing information the original document. Himanshu S. Amin', Reg#40,894 Name of Person Signing Atty Docket: D783/AMDSP258US	December 1, 1998 Signature PATENT8 December 1, 1998 Cover channel attached copy is a true copy of the copy is a true copy of t

ASSIGNMENT

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

Scott A. Bell 2313 Stokes Street San Jose, California 95128

Harry J. Levinson 12508 Radoyka Drive Saratoga, California 95070

Christopher F. Lyons 42681 Lerwick Street Fremont, California 94539 Khanh B. Nguyen 1919 Alameda de las Pulgas #80 San Mateo, California 94403

Fei Wang 6005 Wellfleet Way San Jose, California 95129

Chih Yuh Yang 1144 Little John Way San Jose, California 95129

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

THIN RESIST WITH AMORPHOUS SILICON HARD MASK FOR VIA ETCH APPLICATION

or which application for United States Letters Patent has been filed on under under	er
erial No, or was executed by the undersigned on the date below and is being	ng
iled concurrently herewith, said application for United States Letters Patent, any and all other	er
pplications for Letters Patent on said inventions in countries foreign to the United State	es,
ncluding all divisional, renewal, substitute, continuation and Convention applications based in	in
whole or in part upon said inventions or upon said applications, and any and all Letters Pater	nt
nd reissues and extensions of Letters Patent granted for said inventions or upon said	id
pplications, and every priority right that is or may be predicated upon or arise from sai	iđ
nventions, said applications and said Letters Patent; said assignee being hereby authorized to	to
ile patent applications in any or all countries on any or all said inventions in the name of the	he
ndersigned or in the name of said assignee or otherwise as said assignee may deem advisabl	le,
nder the International Convention or otherwise; the Commissioner of Patents and Trademark	ks
f the United States of America and the empowered officials of all other governments being	ng
ereby authorized to issue or transfer all said Letters Patent to said assignee in accordance	ce
erewith; this assignment being under covenant, not only that full power to make the same is ha	ad
y the undersigned, but also that such assigned right is not encumbered by any grant, license, or	or
ther right heretofore given, and that the undersigned will do all acts reasonably serving to assure	ıre

Page 1 of 7

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:
Cicli puli yac	01/17/98
Chih Yuh Yang	

CERTIFICATE OF ACKOWLEDGEMENT

State of California
County of Santa Clara
On Nov. 17, 1998 before me, Morena G. Molina Notary Public Name and Title of Officer (e.g., "Jane Doe, Notary Public")
personally appeared Chih Yuh Yang

Name(s) of Signer(s)

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 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 of Notary Public

Page 2 of 7

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Signature of Notary Publi

MORENA G. MOLINA
Commission #1065389
Notary Public — California
SANTA CLARA COUNTY
My Comm. Expires Jul 19,1999

nouse I.

Comm. Expires Jul 19,1999

AMD Docket No. D783				
Signed:	Date:			
Scott A. Bell		16/98		
Scott A. Ben				
CERTIFICATE OF ACKOWLEDGEMENT				
State of <u>Californ</u> County of <u>Sanfa</u>	ia			
County of Sarfa	lara			
		Moreria G. Molina Notary Publia, Name and Title of Officer (e.g., "Jane Doe, Notary Public")		
personally appeared Sco	ott A. Bell			
	Name(s)	of Signer(s)		
		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 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.		
MORENA Commission Notary Public SANTA CLAR My Comm. Exp	n ≠1065389 — California	WITNESS my hand and official seal. Signature of Notary Public		

RECORDED: 12/01/1998