03-29	)-1999
FORM PTO-1596	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
	: Please record the attached original documents or copy therete:
<ol> <li>Name of Conveying Party(ies): Todd LUKANC, Raymond T. LEE, Zicheng Gary LING, and Matthew S. BUYNOSKI</li> <li>Additional name(s) of conveying party(ies) attached? Yes</li> </ol>	2. Name and address of receiving party(ies):         Name:       Advanced Micro Devices, Inc.         Address:       One AMD Place, P.O. Box 3453
<ul> <li>3. Nature of Conveyance:</li> <li>Assignment  Merger</li> <li>Security Agreement  Change of Name</li> <li>Other</li> <li>Execution Date: March 9, 1999, March 4, 1999, March 9, 1999, and March 2, 1999</li> </ul>	Sunnyvale, California 94088-3453 Additional name(s) & address(es) attached? Tyes
<ul><li>4. Application number(s) or patent number(s):</li><li>If the document is being filed together with a new application,</li></ul>	<b>Og</b> / <b>J68,713</b> the execution date of the application is: March 9, 1999, March 4, 1999, March 9, 1999, and March 2, 1999
A. Patent Application No(s).	B. Patent No(s).
Additional num	
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1
concerning document should be mailed:	
Name: MCDERMOTT, WILL & EMERY	7. Total fee (37 CFR 3.41) \$40.00
Internal Address:	
	Authorized to be charged to deposit account
Street Address: 600 13 <sup>th</sup> Street, N.W. City: Washington State: DC Zip: 20005	8. Deposit account number: 500417
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	SE THIS SPACE
9. Statement and signature.	formation is true and correct and any attached copy is a true copy
Michael A. Messina, 33,424 Mindwel	A. Messmal March 17, 1999
Name and Registration No. of Person Signing	SignatureDateTotal number of pages comprising cover sheet:1
CMB No. 0851-0011 (exp. 4/94)	

PATENT					
REEL:	9837	FRAME:	0610		

## Docket No.: 50100-961

## ASSIGNMENT

WHEREAS WE, Todd Lukanc, Raymond Lee, Zicheng Gary Ling, and Mathew Buynoski of San Jose, CA, Sunnyvale, CA, San Jose, CA, and Palo Alto, CA, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled ALUMINUM DISPOSABLE SPACER TO REDUCE MASK COUNT IN CMOS TRANSISTOR FORMATION, executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

## OR

for which an application for United States Letters Patent was filed on , and identified by United States Serial No.;

AND WHEREAS, Advanced Micro Devices, Inc., a corporation of the State of <u>Delaware</u> 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 We 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.

3999	Tiedd Lukam
Date	Todd Lukanc
3-4-1989	- Un Tiles
Date	Raymond T. Lee
3/9/99	- Aincia /
Date	Zicheng Gary Ling
2 March 1499	Mall. DY
Date	Matthew S. Buynoski

PATENT REEL: 9837 FRAME: 0611 STATE OF CALIFORNIA )

) SS: COUNTY OF Santa Clara

On March 9, 1999 before me, Morena G. Molina, Notary Public personally appeared Todd Lukanc

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.	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
My commission expires (signature of Notary)	(septomenviole) Micuna Commission #1065389 Notary Public - California SANIA CLARA COUNTY My Comm. Expires Jul 19,1999

## STATE OF CALIFORNIA

COUNTY OF Santa Clara) SS:

On March 4, 1999 before me, Morena G. Molina, Hotary Public personally appeared Raymond T. Lee

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) MORENA G. MOUNA My commission expires Commission #1765389 Notary Publia — California SANTA CLARA COUNTY My Comm. Expires Jul 19,1999

STATE OF CALIFORNIA COUNTY OF Santa Clara, SS: On March 9, 1999 before me, Morena G. Molina, Notary Public personally appeared Zicheng Gary Ling

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(jes), 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. Molera A. Ma	(signature of Notary)			
My commission expires 19, 19999.				



STATE OF CALIFORNIA

) COUNTY OF Santa (Jam) SS: March 2 On

before me, Morena G. Molina, Notary Rublic 1999 personally appeared Matthew S. Buynoski

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

WITNESS my hand and official seal. That \_\_(signature of Notary) My commission expires



PATENT **REEL: 9837 FRAME: 0613** 

**RECORDED: 03/17/1999**