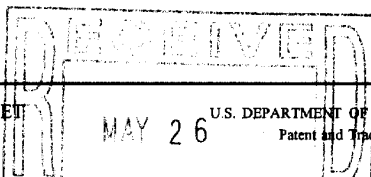


06-08-1998



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FORM PTO-1596
1-31-92

COVER SHEET

MAY 26

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

DOCKET NO.: 1033-295 (50100-645) PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of conveying party(ies):

Christopher F. Lyons, Basab Bandyopadhyay, Nick Kepler, Olov Karlsson, Larry Wang, and Effiong Ibok

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: May 8, 11, 13, 15, and May 19, 1998

2. Name and address of receiving party(ies):

Name: Advanced Micro Devices, Inc.

Internal Address:

Street Address: One AMD Place, P.O. Box 3453

City: Sunnyvale State/Country: CALIFORNIA ZIP: 94088-3453

Additional name(s) & address(es) attached? Yes No

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:

A. Patent Application No(s). 08/993,881, filed December 18, 1997

B. Patent No(s).

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: McDERMOTT, WILL & EMERY

Internal Address:

Street Address: 99 Canal Center Plaza, Suite 300

City: Alexandria State: VA ZIP: 22314

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)..... \$40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

500417

DO NOT USE THIS SPACE

06/05/1998 10:00:27 01000070 500417 00993881
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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.

Michael A. Messina, 33,424
Name and Registration No. of Person Signing

Michael A. Messina
Signature

May 26, 1998
Date

Total number of pages comprising cover sheet: 1

CMB No. 0851-0011 (exp. 4/94)

Docket No.: 1033-295

ASSIGNMENT

WHEREAS WE, Christopher F. Lyons, Basab Bandyopadhyay, Nick Kepler, Olav Karlsson, Larry Wang, and Effiong Ibok, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled SHALLOW TRENCH ISOLATION FORMATION WITH REDUCED POLISH STOP THICKNESS 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 December 18, 1997, and identified by United States Serial No. 08/993,881;


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 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.

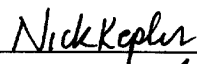
5/8/98
Date


Christopher F. Lyons


Date

Basab Bandyopadhyay

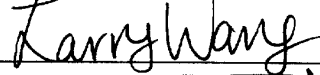
5/11/98
Date


Nick Kepler


5/13/98
Date


Olav Karlsson

5/8/98
Date


Larry Wang

5/19/98
Date


Effiong Ibok

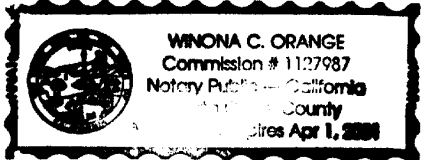
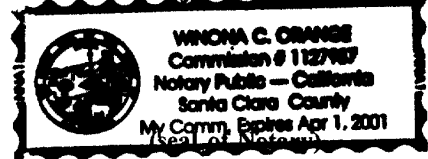
STATE OF CALIFORNIA)
) SS:
COUNTY OF Santa Clara)

On May 8, 1998 before me, WINONA C. ORANGE, Notary Public,
personally appeared CHRISTOPHER F. LYONS (C.F. LYONS),
~~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.

Winona C. Orange (signature of Notary)

My commission expires April 1, 2001



STATE OF CALIFORNIA)
) SS:
COUNTY OF)

On _____ before me, _____,
personally appeared _____,
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 _____

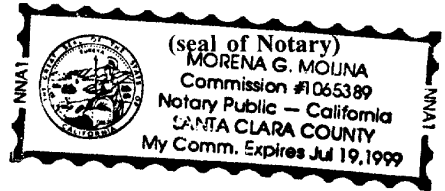
STATE OF CALIFORNIA)
) SS:
COUNTY OF Santa Clara)

On May 11, 1998 before me, Morena G. Molina, Notary Public,
personally appeared Nick Kepler,
~~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.

Morena G. Molina (signature of Notary)

My commission expires July 19, 1999



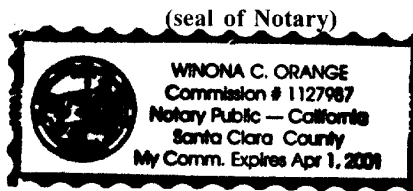
STATE OF CALIFORNIA)
) SS:
COUNTY OF Santa Clara)

On May 13, 1998 before me, WINONA C. ORANGE, Notary Public,
personally appeared Olov Karlsson,
~~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.

Winona Orange (signature of Notary)

My commission expires April 1, 2001



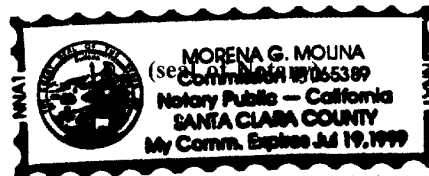
STATE OF CALIFORNIA)
) SS:
COUNTY OF Santa Clara)

On May 8, 1998 before me, Morena G. Molina, Notary Public,
personally appeared Larry Wang,
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.

Morena G. Molina (signature of Notary)

My commission expires July 19, 1999



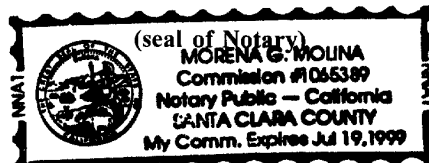
STATE OF CALIFORNIA)
) SS:
COUNTY OF Santa Clara)

On May 19, 1998 before me, Morena G. Molina, Notary Public,
personally appeared Ekhong Ibok,
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.

Morena G. Molina (signature of Notary)

My commission expires July 19, 1999



PATENT

Docket No.: 1033-295

ASSIGNMENT

WHEREAS WE, Christopher F. Lyons, Basab Bandyopadhyay, Nick Kepler, Olav Karlsson, Larry Wang, and Effiong Ibok, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled SHALLOW TRENCH ISOLATION FORMATION WITH REDUCED POLISH STOP THICKNESS 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 December 18, 1997, and identified by United States Serial No. 08/993,881;

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 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.

Date

Date

Date

Date

Date

Date

Christopher F. Lyons

Basab Bandyopadhyay

Nick Kepler

Olov Karlsson

Larry Wang

Effiong Ibok

PATENT
REEL: 9209 FRAME: 0160

STATE OF CALIFORNIA)
) SS:
COUNTY OF _____)

On _____ before me, _____,
personally appeared _____,
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 _____

STATE OF ^{Texas} ~~CALIFORNIA~~)
) SS:
COUNTY OF Travis)

On 15 May 98 before me, Laura K. Fenton,
personally appeared Basab Bandyopadhyay,
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.

Laura K. Fenton (signature of Notary)

(seal of Notary)

My commission expires 21 Dec 98



STATE OF CALIFORNIA)
) SS:
COUNTY OF _____)

On _____ before me, _____,
personally appeared _____,
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 _____

STATE OF CALIFORNIA)
) SS:
COUNTY OF _____)

On _____ before me, _____
personally appeared _____
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 _____

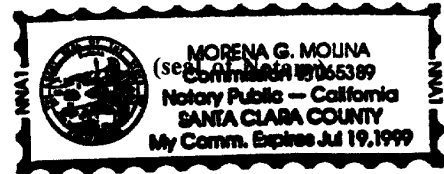
STATE OF CALIFORNIA)
) SS:
COUNTY OF Santa Clara)

On May 8, 1998 before me, Morena G. Molina, Notary Public
personally appeared Larry Wang
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.

Morena G. Molina (signature of Notary)

My commission expires July 19, 1999.



STATE OF CALIFORNIA)
) SS:
COUNTY OF _____)

On _____ before me, _____
personally appeared _____
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 _____