

12-23-1998

1 (AMDS.P0254US)

FORM PTO-1595

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

12-2-98

R



R SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Tab settings □ □ □ ▼

100928138

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

## 1. Name of conveying party(ies):

Fei WANG Christopher F. LYONS  
 Khanh B. NGUYEN Scott A. BELL  
 Harry J. LEVINSON Chih Yuh YANG

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

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: November 25, 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: CA ZIP: 94088-3453Additional 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 application, the execution date of the application is: November 25, 1998

A. Patent Application No.(s)

B. Patent No.(s)

09/204630

Additional numbers attached? □ Yes □ No

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

Name: Gregory TUROCYInternal Address: Renner, Otto, Boisselle  
& Sklar, P.L.L.0000028 0920463040.00 OPStreet Address: The Keith Building  
Nineteenth Floor  
1621 Euclid AvenueCity: Cleveland State: Ohio ZIP: 441156. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$ 40.00 €☒ Enclosed☐ Authorized to be charged to deposit account

## 8. Deposit account number:

18-0988

(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.

Gregory Turocy

Name of Person Signing

Signature

Date

Reg. No. 36,952Total number of pages including cover sheet, attachments, and document: 6

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents &amp; Trademarks, Box Assignments

PATENT

REEL: 9651 FRAME: 0602

**ASSIGNMENT**

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

Fei Wang  
6005 Wellfleet Way  
San Jose, California 95129

Christopher F. Lyons  
42681 Lerwick Street  
Fremont, California 94539

Khanh B. Nguyen  
1919 Alameda de las Pulgas, #80  
San Mateo, California 94403

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

Harry J. Levinson  
12508 Radoyka Drive  
Saratoga, California 95070

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

**ULTRA-THIN RESIST AND SiON/OXIDE HARD MASK FOR METAL ETCH**

for which application for United States Letters Patent has been filed on \_\_\_\_\_ under Serial No. \_\_\_\_\_, or was executed by the undersigned on the date below and is being filed concurrently herewith, said 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 said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said applications and said Letters Patent; said assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said assignee or otherwise as said assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments being hereby authorized to issue or transfer all said Letters Patent to said assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore 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:

Fei Wang  
Fei Wang

11/25/98

**CERTIFICATE OF ACKNOWLEDGMENT**

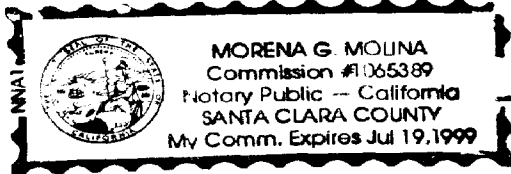
State of California

County of Santa Clara

On Nov. 25, 1998 before me, Morena G. Molina, Notary Public,  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Fei Wang  
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 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 Public

Signed:

Dated:

Christopher F. Lyons  
Christopher F. Lyons

11/25/98

**CERTIFICATE OF ACKNOWLEDGMENT**

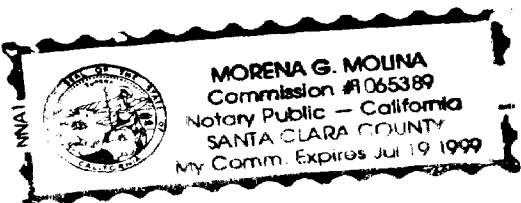
State of California

County of Santa Clara

On Nov. 25, 1998 before me, Morena G. Molina, Notary Public,  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Christopher F. Lyons  
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 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 Public

Signed:

Dated:

Khanh Nguyen  
Khanh B. Nguyen

11/24/98

**CERTIFICATE OF ACKNOWLEDGMENT**State of CaliforniaCounty of Santa ClaraOn Nov. 24, 1998 before me, Morena G. Molina, Notary Public,  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")personally appeared Khanh B. Nguyen  
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 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 Public

Signed:

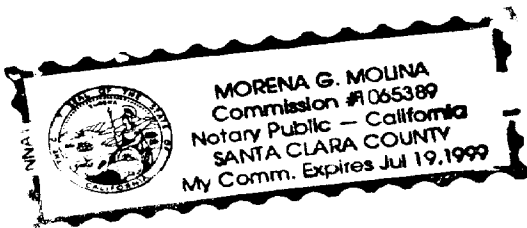
Dated:

Scott Bell  
Scott A. Bell

11/25/98

**CERTIFICATE OF ACKNOWLEDGMENT**State of CaliforniaCounty of Santa ClaraOn Nov. 25, 1998 before me, Morena G. Molina, Notary Public,  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")personally appeared Scott 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(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 Public

Signed:

Dated:

Harry J. Levinson  
Harry J. Levinson

11/25/98

**CERTIFICATE OF ACKNOWLEDGMENT**

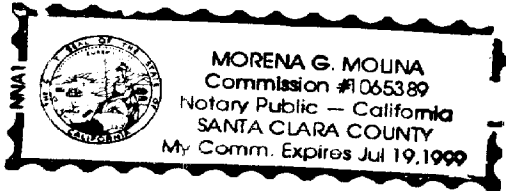
State of California

County of Santa Clara

On Nov. 25, 1998 before me, Morena G. Molina, Notary Public,  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Harry J. Levinson  
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 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 Public

Signed:

Dated:

Chih Yuh Yang  
Chih Yuh Yang

11/25/98

**CERTIFICATE OF ACKNOWLEDGMENT**

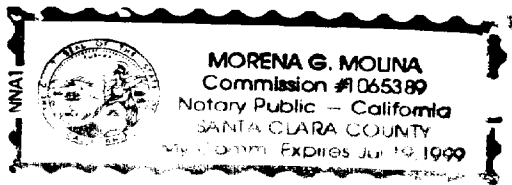
State of California

County of Santa Clara

On Nov. 25, 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(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 Public