

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

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

Harry J. Levinson
12508 Radoyka Drive
Saratoga, California 95070

Fei Wang
6005 Wellfleet Way
San Jose, California 95129

Christopher F. Lyons
42681 Lerwick Street
Fremont, California 94539

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**

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:

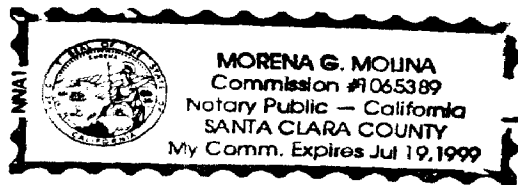
Chih Yuh Yang
Chih Yuh Yang

11/17/98

CERTIFICATE OF ACKNOWLEDGEMENTState of CaliforniaCounty of Santa ClaraOn 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.

Morena G. Molina
Signature of Notary Public

Signed:

Date:

Harry J. Levinson
Harry J. Levinson

1/25/98

CERTIFICATE OF ACKNOWLEDGEMENT

State of California

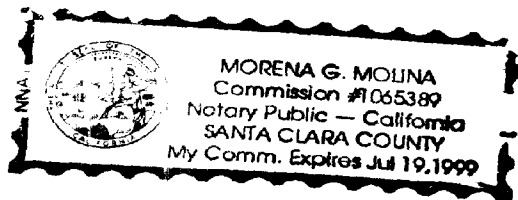
County of Santa Clara

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 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.



Morena G. Molina
Signature of Notary Public

Signed:

Date:

C. Lyons
Christopher F. Lyons

11/17/98

CERTIFICATE OF ACKNOWLEDGEMENT

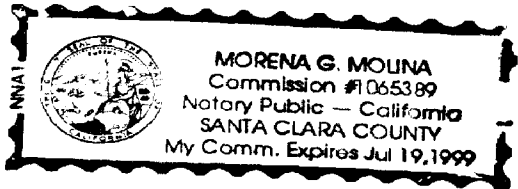
State of California

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 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 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.

Morena G. Molina
Signature of Notary Public

Signed:

Date:

Khanh Nguyen
Khanh B. Nguyen

11/24/98

CERTIFICATE OF ACKNOWLEDGEMENT

State of California

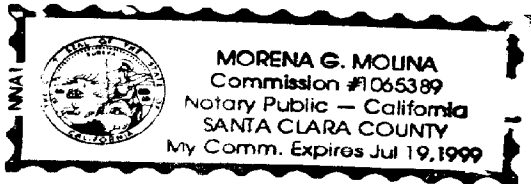
County of Santa Clara

On 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 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.

Morena G. Molina
Signature of Notary Public

Signed:

Date:

Fei Wang
Fei Wang

11/16/98

CERTIFICATE OF ACKNOWLEDGEMENT

State of California

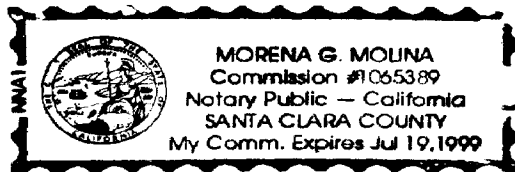
County of Santa Clara

On Nov. 16, 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 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.



Morena G. Molina
Signature of Notary Public

Signed:

Date:

Scott A. Bell

11/16/98

Scott A. Bell

CERTIFICATE OF ACKNOWLEDGEMENT

State of California

County of Santa Clara

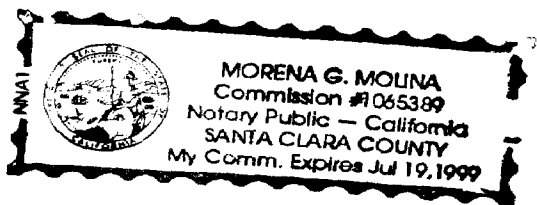
On Nov. 16, 1998 before me, Morena G. Molina, Notary Public,
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

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 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.



Morena G. Molina
Signature of Notary Public