

08-20-2002



HEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

OMB No. 0651-011 (exp.4/94)

102196395

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

1. Name of conveying party(ies):

Mark T. RAMSBEY
Yu SUN
Chi CHANG
Hidehiko SHIRAIWA

08-12-02

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, U.S.A. ZIP: 94088

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

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: 8/1/02

Additional 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: 8/1/02

A. Patent Application No.(s)

B. Patent No.(s)

08/15/2002 HMARZ11 00000058 10217821

02 FC:581

40.00.00

Additional Numbers attached? ☐ Yes ☒ No5. Name and address of party to whom
correspondence concerning document
should be mailed:

Name: Gregory Turocy

Internal Address: _____

Street Address: Amin & Turocy, L.L.P.
24th Floor, 1900 East 9th Street

City: Cleveland

State: Ohio ZIP: 44114

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:

50-1063

(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. 36,952 Total number of pages including cover sheet attachments, and document: ☒ 6Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231PATENT
REEL: 013194 FRAME: 0831

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

☒ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Fujitsu Limited

☒ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

1-1 Kamikodanaka, 4-chome, Nakahara-ku

Address (line 2)

Kawasaki-shi

Address (line 3)

Kanagawa

City

JAPAN

State/Country

211-88

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

Patent Number(s)

<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

ASSIGNMENT

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

Mark T. Ramsbey
402 Cumulus Avenue
Sunnyvale, CA 94087

Yu Sun
20395 Glasgow Drive
Saratoga, CA 95070

Chi Chang
342 Lakeview Way
Redwood City, CA 94062

Hidehiko Shiraiwa
1208 Valley Quail Circle
San Jose, CA 95120

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., and FUJITSU LIMITED, a corporation of Japan having a place of business at 1-1, Kamikodanaka, 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa, 211-88, Japan, 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

SALICIDED GATE FOR VIRTUAL GROUND ARRAYS

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:

Mark T. Ramsbey8/1/02

Mark T. Ramsbey

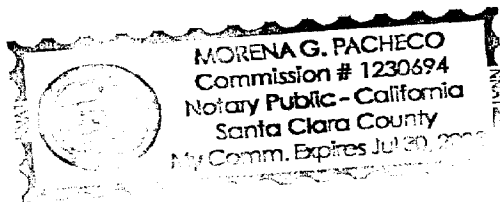
CERTIFICATE OF ACKNOWLEDGMENTState of CaliforniaCounty of Santa ClaraOn August 1, 2002 before me, Morena G. Pacheco, Notary Public,

Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Mark T. Ramsbey

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. Pacheco

Signature of Notary Public

Signed: [Signature]
Yu Sun

Date: Aug 1, 2002

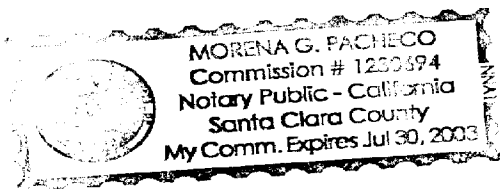
CERTIFICATE OF ACKNOWLEDGMENT

State of California
County of Santa Clara
On August 1, 2002 before me, Morena G. Pacheco, Notary Public,
Name and Title of Officer (e.g., "Jane Doe, Notary Public")
personally appeared Yu Sun
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.

[Signature]
Signature of Notary Public



Signed: [Signature]
Chi Chang

Date: Aug. 1, 2002

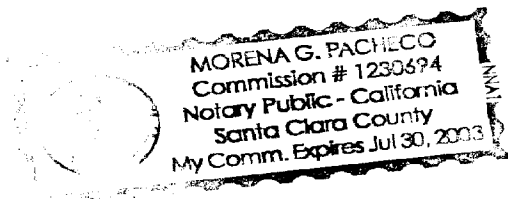
CERTIFICATE OF ACKNOWLEDGMENT

State of California
County of Santa Clara
On August 1, 2002 before me, Morena G. Pacheco, Notary Public,
Name and Title of Officer (e.g., "Jane Doe, Notary Public")
personally appeared Chi Chang
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.

[Signature]
Signature of Notary Public



Signed:

Date:

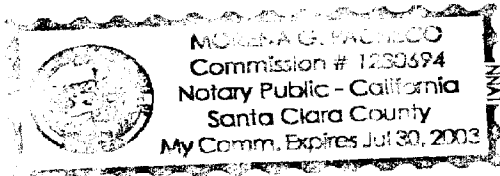

Hidehiko Shiraiwa

Aug 1 / 2002

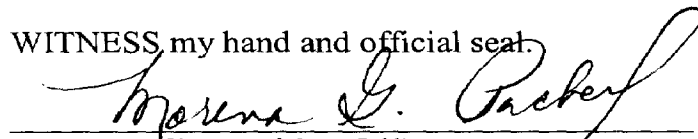
CERTIFICATE OF ACKNOWLEDGMENT

State of California
County of Santa Clara
On August 1, 2002 before me, Morena G. Pacheco, Notary Public,
Name and Title of Officer (e.g., "Jane Doe, Notary Public")
personally appeared Hidehiko Shiraiwa
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.


Signature of Notary Public