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FORM PTO-1595
 (REV 6-93)
 OMB No. 0651-011 (exp. 4/02)

To the Honorable Commissioner of Patents

original documents or copy thereof.

1. Name of conveying party(ies):
 Edward V. Bautista, Jr.
 Kazuhiro Kurihara
 Feng Pan
 Weng Fook Lee
 Ravi Sunkavalli
 Darlene Hamilton
 Additional name(s) of conveying party(ies) attached? [] Yes [X] No

2. Name and address of receiving party(ies):
 Name: Fujitsu Limited
 Internal Address:
 Street Address: 1-1 Kamikodanaka,
 4-chome, Nakahara-ku
 City: Kawasaki-shi, Kanagawa 211-88
 State/Country: Japan ZIP:
 Additional name(s) & address(es) attached? [] Yes [X] No

3. Nature of conveyance:
 [] Assignment [] Merger
 [] Security Agreement [] Change of Name
 [X] Other SEE OVER
 Jan. 30, Jan. 26, Feb. 2, Jan. 30
 Execution Date: Feb. 8 and Feb. 26, 2001

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: 1/30, 1/26, 2/2, 1/30,
 A. Patent Application No.(s) B. Patent No.(s) 2/8 and 2/26/2001
 09822995
 Additional Numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: Thomas G. Eschweiler
 Internal Address:
 Eschweiler & Associates, LLC
 Street Address: National City Bank Building
 629 Euclid Avenue, Suite 1210
 City: Cleveland
 State: Ohio ZIP: 44114

6. Total number of applications and patents involved: [1]
 7. Total fee (37 CFR 3.41)\$ 40.00
 [X] Enclosed
 [x] Authorized to be charged to deposit account
 8. Deposit account number:
 50-1733
 (Attach duplicate copy of this page if paying by deposit account)

03/14/2002 DBYRNE 00000015 501733 09822995

01 FC:581 40.00 CH

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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.
 Thomas G. Eschweiler June 27, 2001
 Name of Person Signing Signature Date
 Reg. No. 36,981 Total number of pages including cover sheet attachments, and document: [8]

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents & Trademarks, Box Assignments
 Washington, D.C. 20231

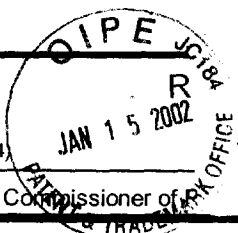
PATENT
 REEL: 12450 FRAME: 0584

04-16-2001



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101672387

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1. Name of conveying party(ies):
 Edward V. Bautista, Jr.
 Kazuhiro Kurihara
 Feng Pan
 Weng Fook Lee
 Ravi Sunkavalli
 Darlene Hamilton
 Additional name(s) of conveying party(ies) attached? [] Yes [X] No

3/30/01

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 [X] No

Vertical stamp: J1036 U.S. PTO 09/82299 03/30/01

3. Nature of conveyance:
 Assignment [] Merger
 Security Agreement [] Change of Name
 Other
 Jan. 30, Jan. 26, Feb. 2, Jan. 30
 Execution Date: Feb. 8 and Feb. 26, 2001

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: 1/30, 1/26, 2/2, 1/30, 2/8 and 2/26/2001
 A. Patent Application No.(s) B. Patent No.(s)
 72001 JBALINAH 00000067 09822995
 40.00 OF
 Additional Numbers attached? [] Yes [X] No

09822995

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: Thomas G. Eschweiler
 Internal Address:
 Eschweiler & Associates, LLC
 Street Address: National City Bank Building
 629 Euclid Avenue, Suite 1210
 City: Cleveland
 State: Ohio ZIP: 44114

6. Total number of applications and patents involved: [1]
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 Enclosed
 Authorized to be charged to deposit account
 8. Deposit account number:
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 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.
 Thomas G. Eschweiler
 Name of Person Signing Signature Date
 March 30, 2001

Handwritten signature of Thomas G. Eschweiler

Reg. No. 36,981 Total number of pages including cover sheet attachments, and document: [8]

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ASSIGNMENT

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

Edward V. Bautista, Jr.
2050 Don Court
Santa Clara, California 95050

Kazuhiro Kurihara
1180 Lochinvor Avenue, #146
Sunnyvale, California 94087

Feng Pan
452 41st Street
Richmond, California 94805

Weng Fook Lee
440 Oak Grove Drive, Apt. 208
Santa Clara, California 95054

Ravi Sunkavalli
2264 Edsel Drive
Milpitas, California 95035

Darlene Hamilton
5824 Ponce
San Jose, California 95118

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 I-1, Kamikodanaka, 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa, 211-88, Japan, their 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 invention(s) entitled

**I/O PARTITIONING SYSTEM AND METHODOLOGY TO REDUCE
BAND-TO-BAND TUNNELING CURRENT DURING ERASE**

for which application for United States Letters Patent 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 invention(s) in countries foreign to the United States, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said invention(s) or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said invention(s) or upon said applications, and every priority right that is or may be predicated upon or arise from said invention(s), said applications and said Letters Patent; said assignees being hereby authorized to file patent applications in any or all countries on any or all said invention(s) in the name of the undersigned or in the name of said assignees or otherwise as said assignees 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 assignees 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 invention(s), patent applications and Letters Patent shall be held and

enjoyed by said assignees 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 assignees all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said assignees, to furnish said assignees with all facts relating to said invention(s) 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 invention(s), and to testify in any proceedings relating to said invention(s), patent applications and Letters Patent.

Signed: Edward V. Bautista Jr.
Edward V. Bautista, Jr.

Date: Jan 30, 2001

CERTIFICATE OF ACKNOWLEDGMENT

State of _____

County of _____

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

personally appeared Edward V. Bautista, Jr.
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.

[Signature]
Witness for Edward V. Bautista, Jr.

[Signature]
Witness for Edward V. Bautista, Jr. Page 2 of 7

Signature of Notary Public
30 Jan 2001
Date

30 January 2001
Date

Signed:

Kazuhiro Kurihara
Kazuhiro Kurihara

Date:

1/26/01

CERTIFICATE OF ACKNOWLEDGMENT

State of California

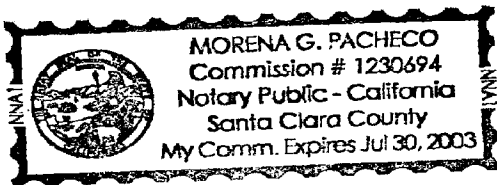
County of Santa Clara

On January 26, 2001, before me, Morena G. Pacheco, Notary Public,
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Kazuhiro Kurihara
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. Pacheco
Signature of Notary Public

Signed:

Date:

Feng Pan
Feng Pan

2/2/2001

CERTIFICATE OF ACKNOWLEDGMENT

State of California

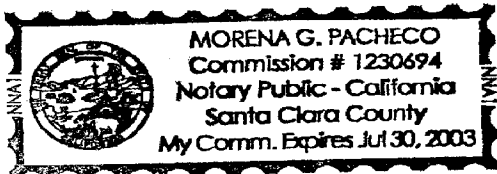
County of Santa Clara

On February 2, 2001 before me, Morena G. Pacheco, Notary Public
Name and Title of Officer (e.g., "Jane Doc, Notary Public")

personally appeared Feng Pan
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. Pacheco
Signature of Notary Public

Signed: *Weng Fook Lee*
Weng Fook Lee

Date: 30th Jan 2001

CERTIFICATE OF ACKNOWLEDGMENT

State of _____

County of _____

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

personally appeared Weng Fook Lee
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.

Signature of Notary Public

30 Jan 2001

Date

[Signature]

Witness for Weng Fook Lee

[Signature]

Witness for Weng Fook Lee

30 JANUARY 2001

Date

Signed: *Ravi Sunkavalli*
Ravi Sunkavalli

Date: Feb 8th, 2001

CERTIFICATE OF ACKNOWLEDGMENT

State of California

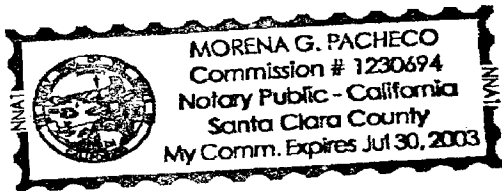
County of Santa Clara

On February 8, 2001 before me, Morena G. Pacheco, Notary Public,
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Ravi Sunkavalli
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. Pacheco
Signature of Notary Public

Signed:

Darlene Hamilton
Darlene Hamilton

Date:

Feb. 26, 2001

CERTIFICATE OF ACKNOWLEDGMENT

State of California

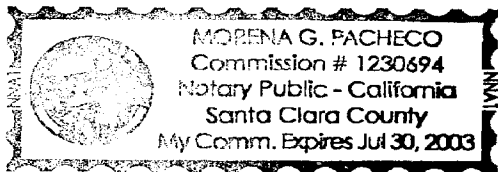
County of Santa Clara

On February 26, 2001 before me, Morena G. Pacheco, Notary Public
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Darlene Hamilton
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 she executed the same in her authorized capacity, and that by her 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. Pacheco
Signature of Notary Public