

MAR 10.23.98

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

10-30-1998



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RECORDATION FORM COVER SHEET
PATENTS ONLY

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

10/23/98
09/17/774
U.S. PTO

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- New
- Resubmission (Non-Recordation)
Document ID#
- Correction of PTO Error
Reel # Frame #
- Corrective Document
Reel # Frame #

Conveyance Type

- Assignment
 - License
 - Merger
 - Security Agreement
 - Change of Name
 - Other
 - Departmental File
 - Secret File
- U.S. Government**
(For Use ONLY by U.S. Government Agencies)

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1) YU, Bin Execution Date Month Day Year 09 24 98

Name (line 2)

Second Party

Execution Date Month Day Year 10 19 98

Name (line 1) ISHIDA, Emi

Name (line 2)

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) Advanced Micro Devices, Inc.

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) One AMD Place

Address (line 2) P.O. Box 3453

Address (line 3) Sunnyvale California 94088-3453
City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name Mikio Ishimaru

Address (line 1) The Law Offices of Mikio Ishimaru

Address (line 2) 1046 Pinenut Court

Address (line 3) Sunnyvale, CA 94087

Address (line 4)

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

PATENT
REEL: 9535 FRAME: 0598

Correspondent Name and Address

Area Code and Telephone Number (408) 738-0592

Name Mikio Ishimaru

Address (line 1) The Law Offices of Mikio Ishimaru

Address (line 2) 1046 Pinenut Court

Address (line 3) Sunnyvale, CA 94087

Address (line 4)

Pages Enter the total number of pages of the attached conveyance document including any attachments. # 3

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)

Patent Number(s)

Grid of input boxes for Patent Application Number(s) and Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year 09 24 98

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned. PCT [] PCT [] PCT [] PCT [] PCT [] PCT []

Number of Properties Enter the total number of properties involved. # 1

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment: Enclosed [] Deposit Account [X]

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: # 01-0365

Authorization to charge additional fees: Yes [X] No []

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. Charges to deposit account are authorized, as indicated herein.

Mikio Ishimaru Name of Person Signing

Mikio Ishimaru Signature

October 23, 1998 Date

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

U.S. P.T.O.
99/177774
10/23/98

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) LUNING, Scott

Execution Date
Month Day Year
10 08 98

Name (line 2)

Execution Date
Month Day Year

Name (line 1) THURGATE, Timothy

09 23 98

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)

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)

Address (line 2)

Address (line 3) City State/Country Zip Code

Name (line 1)

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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)

Patent Number(s)

Grid for Patent Application Number(s) with 5 rows and 3 columns of input boxes.

Grid for Patent Number(s) with 5 rows and 3 columns of input boxes.

ASSIGNMENT

WHEREAS, the undersigned (hereinafter termed Assignor(s)) has/have invented certain new and useful improvements in

"A VERY LOW THERMAL BUDGET CHANNEL IMPLANT PROCESS FOR SEMICONDUCTORS"

for which a United States patent application has been concurrently executed on the date of this assignment.

WHEREAS, ADVANCED MICRO DEVICES, INC., a Corporation of the State of Delaware, having a place of business at One AMD Place, P.O. Box 3453, Sunnyvale, California 94088-3453, (hereinafter termed Assignee), is desirous of acquiring the entire right, title and interest in and to said application and said invention and improvements thereon, and in and to Letters Patents thereon when granted in the United States and foreign countries.

NOW, THEREFORE, for good and valuable consideration received by said Assignor(s) from said Assignee, the receipt of which is hereby acknowledged by said Assignor(s):

1. Said Assignor(s) does hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest in and to said application and said invention and in and to any and all improvements on said invention and in and to any and all improvements on said invention heretofore or hereafter made or acquired by said Assignor(s); and in and to any and all Letters Patent on said invention and/or said improvements that may be granted in the United States or any foreign country, including each and every Letters Patent granted on any application which is a division, continuation, substitution, renewal, or continuation-in-part of any said application, and in and to each and every reissue or extension of said Letters Patent.
2. Said Assignor(s) hereby covenants and agrees to cooperate with said Assignee where said Assignee may enjoy to the fullest extent the right, title and interest herein conveyed. Such cooperation shall include (a) prompt execution of all papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee to perfect in it the right, title and interest herein conveyed, (b) prompt execution of all petitions, oaths, specifications or other papers (prepared at the expense of Assignee) which are deemed necessary or desirable by assignee for prosecuting said application, for filing and prosecuting divisional, continuation, substitution, renewal, continuation-in-part, or additional applications in the United States and/or foreign countries covering said invention and/or said improvements, for filing and prosecuting applications for reissuance of letters patent included herein, or for interference proceedings involving said invention and/or said improvements and (c) prompt assistance and cooperation in the prosecution of interference proceedings involving said invention and/or said improvements and in the adjudication of said Letters Patent, particularly by the disclosure of facts and the production of evidence relating to said invention and/or said improvements, provided the expenses which may be incurred by said Assignor(s) in lending such assistance and cooperation shall be paid by the Assignee.
3. The terms, covenants and conditions of this assignment shall inure to the benefit of said Assignee, its successors, assigns and/or other legal representatives and shall be binding upon said Assignor(s), his/her heirs, legal representatives and assigns.
4. Said Assignor(s) hereby warrants and represents that he/she has not entered into any assignment, contract or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignor has executed and delivered this instrument on the date set forth below.

9/24/98
Date

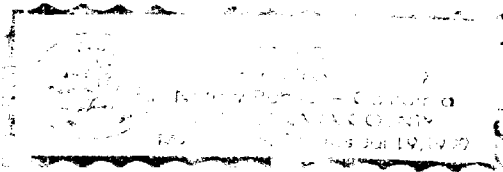
Bin Yu
Bin Yu

STATE OF CALIFORNIA)
)ss.
COUNTY OF SANTA CLARA)

On September 24, 1998 before me, Morena G. Molina, Notary Public, personally appeared Bin Yu, 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 Morena G. Molina



IN WITNESS WHEREOF, the said Assignor has executed and delivered this instrument on the date set forth below.

10/19/98
Date

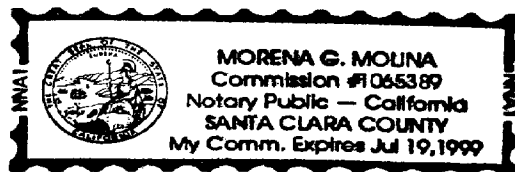
Emi Ishida
Emi Ishida

STATE OF CALIFORNIA)
)ss.
COUNTY OF SANTA CLARA)

On October 19, 1998 before me, Morena G. Molina, Notary Public, personally appeared Emi Ishida, 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 Morena G. Molina



IN WITNESS WHEREOF, the said Assignor has executed and delivered this instrument on the date set forth below.

10/3/98
Date

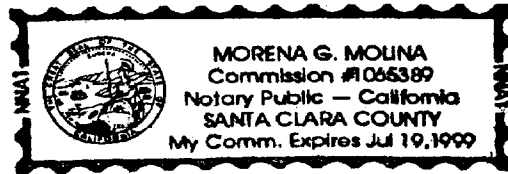
Scott Luning
Scott Luning

STATE OF CALIFORNIA)
)ss.
COUNTY OF SANTA CLARA)

On October 8, 1998 before me, Morena G. Molina, Notary Public, personally appeared Scott Luning, 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 Morena G. Molina



IN WITNESS WHEREOF, the said Assignor has executed and delivered this instrument on the date set forth below.

9/23/98
Date

Timothy Thurgate
Timothy Thurgate

STATE OF CALIFORNIA)
)ss.
COUNTY OF SANTA CLARA)

On September 23, 1998 before me, Morena G. Molina, Notary Public, personally appeared Timothy Thurgate, 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 Morena G. Molina

