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FORM PTO-1595
(Rev. 6-93) RECORD A1
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PATENTS ONLY

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Attorney Docket No. H1858

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

1. Name of conveying party(ies): 2.2.04 a. PELELLA, Mario M. b. EN, William George c. PATON, Eric d. MASZARA, Witold P. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): ADVANCED MICRO DEVICES, INC. One AMD Place P.O. Box 3453 Sunnyvale, California 94088-3453 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other Execution Date(s): <u>Nov. 7, 2003, Nov. 7, 2003, Nov. 11, 2003, Nov. 7, 2003</u>						
4. Application number(s) or patent number(s): If this document is being filed together with a new application, execution date of the application is: <u>November 7, 2003</u> A. Patent Application No(s). 10770990 Serial No.: _____ Date Filed: _____ B. Patent No(s). _____ Additional numbers attached? <u>NO</u>						
5. Name and address of party to whom correspondence concerning document should be mailed: Mikio Ishimaru The Law Offices of Mikio Ishimaru 1110 Sunnyvale-Saratoga Rd. Suite A1 Sunnyvale, CA 94087		6. Total number of applications and patents involved: <u>1</u> 7. Total Fee (37 CFR 3.41): . . . <u>\$40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorization to be charged to deposit account 8. Deposit Account Number: <u>01-0365</u> (Attach duplicate copy of this page if paying by deposit account)				
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9. Statement and signature. <i>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.</i> <table border="0" style="width: 100%;"> <tr> <td style="width: 33%; text-align: center;"> <u>Mikio Ishimaru</u> Name of Person Signing </td> <td style="width: 33%; text-align: center;"> <u>Mikio Ishimaru</u> Signature </td> <td style="width: 33%; text-align: center;"> <u>February 2, 2004</u> Date </td> </tr> </table> Total number of pages including cover sheet, attachments, and document: <u>6</u>				<u>Mikio Ishimaru</u> Name of Person Signing	<u>Mikio Ishimaru</u> Signature	<u>February 2, 2004</u> Date
<u>Mikio Ishimaru</u> Name of Person Signing	<u>Mikio Ishimaru</u> Signature	<u>February 2, 2004</u> Date				

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PATENT
REEL: 014962 FRAME: 0043

ASSIGNMENT

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

SHALLOW JUNCTION SEMICONDUCTOR AND
METHOD FOR THE FABRICATION THEREOF

for which a United States patent application has been executed on or before 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 Inventors have executed this instrument on the date of acknowledgement before the Notary Public as given below and delivered this instrument to said Assignees.

Date of Execution of Declaration for Patent Application: 11/2/03

(1) Mario M. Pelella
Mario M. Pelella

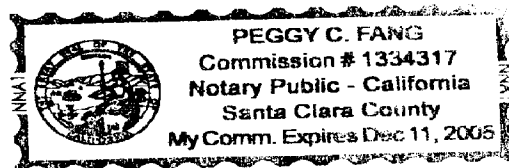
State of California)
County of Santa Clara)ss

On November 7, 2003 before me, PEGGY C. FANG, Notary Public
(name and title of officer)

personally appeared Mario M. Pelella, ~~personally known to me~~ (or proved to me on the basis of satisfactory evidence) to be the persons whose name is subscribed to the within instrument and acknowledged to me that ~~he/she~~ executed the same in ~~his/her~~ authorized capacity(~~ies~~), and that by ~~his/her~~ signatures on the instrument the persons, or the entity upon behalf of which the persons acted, executed the instrument.

WITNESS my hand and official seal.

Signature Peggy C. Fang



Date of Execution of Declaration for Patent Application: 11/7/03

(2) William George En
William George En

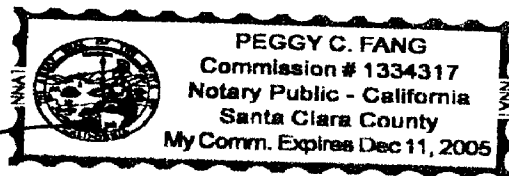
State of California)
County of Santa Clara)ss

On November 7, 2003 before me, PEGGY C. FANG, Notary Public
(name and title of officer)

personally appeared William George En, ~~personally known to me~~ (or proved to me on the basis of satisfactory evidence) to be the persons whose names is subscribed to the within instrument and acknowledged to me that ~~he/she~~ executed the same in ~~his/her~~ authorized capacity(ies), and that by ~~his/her~~ signatures on the instrument the persons, or the entity upon behalf of which the persons acted, executed the instrument.

WITNESS my hand and official seal.

Signature Peggy C. Fang



Date of Execution of Declaration for Patent Application: 11/18/03

(3) Eric Paton
Eric Paton

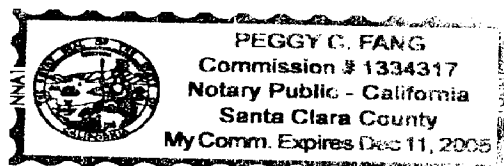
State of California)
County of Santa Clara)ss

On November 19, 2003 before me, PEGGY C. FANG, Notary Public
(name and title of officer)

personally appeared Eric Paton, ~~personally known to me~~ (or proved to me on the basis of satisfactory evidence) to be the persons whose names is subscribed to the within instrument and acknowledged to me that ~~he/she~~ executed the same in ~~his/her~~ authorized capacity(ies), and that by ~~his/her~~ signatures on the instrument the persons, or the entity upon behalf of which the persons acted, executed the instrument.

WITNESS my hand and official seal.

Signature Peggy C. Fang



Date of Execution of Declaration for Patent Application:

11/07/03

(4)

Witold P. Maszara

State of California)

County of

Santa Clara)^{SS}

On November 7, 2003

before me, PEGGY C. FANG, Notary Public
(name and title of officer)

personally appeared Witold P. Maszara, ~~personally known to me~~ (or proved to me on the basis of satisfactory evidence) to be the persons whose names is subscribed to the within instrument and acknowledged to me that ~~he/she~~ executed the same in ~~his/her~~ authorized capacity(ies), and that by ~~his/her~~ signatures on the instrument the persons, or the entity upon behalf of which the persons acted, executed the instrument.

WITNESS my hand and official seal.

Signature

Peggy C. Fang

