

6.1.99

06-04-1999

RECORDA

DEPARTMENT OF COMMERCE
Patent and Trademark Office

PATENT 101055714

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

1. Name of conveying party(ies):

Hyeon-Seag Kim
Sunil D. MehtaAdditional name(s) of conveying party(ies) attached? Yes X No

2. Name and address of receiving party(ies):

Name: Advanced Micro Devices, Inc.Address: One AMD Place, P.O. Box 3453Sunnyvale, CA 94088-3453

3. Nature of conveyance:

☐ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☒ Other Corrective Assignment to Correct Assignee

Reel/Frame: 9770/0740

Execution Date: April 14, 1999Additional name(s) & address(es) attached? Yes X No

4. Application number(s) or patent number(s):

A. Patent Application No.: 09/240,560

Title: PROCESS FOR MANUFACTURING
SHALLOW TRENCHES FILLED WITH
DIELECTRIC MATERIAL HAVING LOW
MECHANICAL STRESSFiled Date: January 29, 1999

B. Patent No(s):

Additional numbers attached? Yes X NoIf this document is being filed together with a new application, the execution date of the application is: N/A5. Name and address of party to whom
correspondence concerning document should
be mailed:Name: Martin C. Fliesler, Esq.Address: Fliesler, Dubb, Meyer & LovejoyFour Embarcadero Center, Suite 400San Francisco, CA 94111Telephone: (415) 362-38006. Total Number of applications and patents
involved: 1 X \$40.00 each7. Total fee (37 CFR 3.41).....\$ 40.00X Check Enclosed8. Fee Authorization. Authorization is given to charge
any additional fees or credit any
overpayment to Deposit Account
No. 06-1325.Copy. (A duplicate copy of this authorization is
not enclosed.)

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.*

06/04/1999 MTH:11 00000020 09240560

01 FC:581

D. Benjamin Borson ^{40.00 OP}Attorney (Reg. No.: 42,349) Signature

Date

May 28, 199910. Total number of pages to be recorded: 8 (1 page cover sheet and 7 page document).

MRO

02-23/1999

1.29.99

RE



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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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Hyeon-Seag Kim
Sunil D. MehtaAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

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☐ Security Agreement ☐ Change of Name
☐ Other _____Execution Date: 1/11/99

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Name: AMDAddress: One AMD PlaceP.O. Box 3453Sunnyvale, CA 94088-3453Additional name(s) & address(es) attached? ☐ Yes ☒ No

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any additional fees or credit any
overpayment to Deposit Account
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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.*

02/09/1999 KWARLING 00000027 09240560

04 FC:501

D. Benjamin Borson, Ph.D.
Attorney (Reg. No.: 42,349)

Signature

Date

January 29, 199910. Total number of pages to be recorded: 4 (1 page cover sheet and 3 page document).

JOINT TO CORPORATE ASSIGNMENT

WHEREAS, the undersigned Inventors:

(1) Hyeon-Seag Kim,
a resident of Sunnyvale, California; and

(2) Sunil D. Mehta,
a resident of San Jose, California; and

(3) _____,
a resident of _____; and

(4) _____,
a resident of _____;

have invented certain new and useful improvements in:

**PROCESS FOR MANUFACTURING SHALLOW
TRENCHES FILLED WITH DIELECTRIC MATERIAL HAVING
LOW MECHANICAL STRESS**

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention:

1. X On the Date of Execution of Declaration for Patent Application set forth below adjacent to my signature;

Or

2. _____ Said application having SC/Serial Number ____/____,____ and filed on the ____ day of _____, 19__.

Advanced

(A.B.B. 5/28/99)

WHEREAS ~~American~~ Micro Devices, Inc. (hereinafter termed "Assignee"), a corporation of the State of Delaware, having a place of business at One AMD Place, P.O. Box 3453, Sunnyvale, State of California, wishes to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents") applied for or granted in the United States and/or other countries.

NOW THEREFORE, for good and valuable consideration acknowledged by each of said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey to said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply in any or all countries of the world for patents, certificates of inventions or other governmental grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, executing of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for complying with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter 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 Assignee.

Date of Execution of Declaration for Patent Application: 1-11-99

(1) [Signature]
(Inventor's Signature)

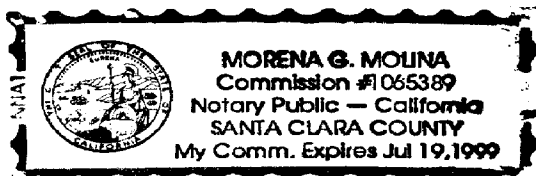
State of California
County of Santa Clara

On January 11, 1999 before me, Morena G. Molina, Notary Public
(name and title of officer)

personally appeared Hyeon-Seag Kim, 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]



Date of Execution of Declaration for Patent Application: 1-11-99

(2) [Signature]
(Inventor's Signature)

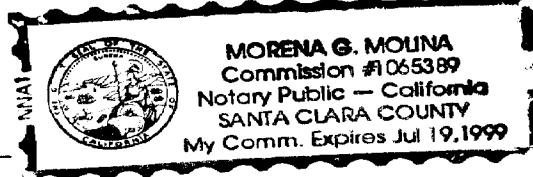
State of California
County of Santa Clara

On January 11, 1999 before me, Morena G. Molina, Notary Public
(name and title of officer)

personally appeared Devil D. Mehta, 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]



JOINT TO CORPORATE ASSIGNMENT

WHEREAS, the undersigned Inventors:

(1) Hyeon-Seag Kim,
a resident of Sunnyvale, California; and

(2) Sunil D. Mehta,
a resident of San Jose, California.

have invented certain new and useful improvements in:

**PROCESS FOR MANUFACTURING SHALLOW
TRENCHES FILLED WITH DIELECTRIC MATERIAL HAVING
LOW MECHANICAL STRESS**

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention:

1. X On the Date of Execution of Declaration for Patent Application set forth below adjacent to my signature;
2. X Said application having SC/Serial Number 09/240,560 and filed on the 29th day of January, 1999.

WHEREAS Advanced Micro Devices, Inc. (hereinafter termed "Assignee"), a corporation of the State of Delaware, having a place of business at One AMD Place, P.O. Box 3453, Sunnyvale, State of California, wishes to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents") applied for or granted in the United States and/or other countries.

NOW THEREFORE, for good and valuable consideration acknowledged by each of said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey to said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply in any or all countries of the world for patents, certificates of inventions or other governmental grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each

and every patent claim resulting from a reexamination certificate for any and all of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, executing of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for complying with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter 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 Assignee.

Date of Execution of Declaration for Patent Application: January 11, 1999

(1) [Signature]
(Inventor's Signature) Hyeon-Seag Kim

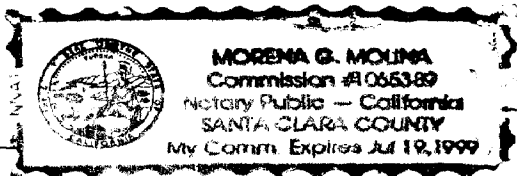
State of California
County of Santa Clara

On April 14, 1999 before me, Morena G. Molina, Notary Public
(name and title of officer)

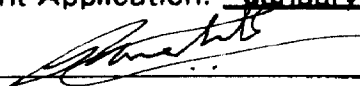
personally appeared Hyeon-Seag Kim, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that 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]



Date of Execution of Declaration for Patent Application: January 11, 1999

(2) 
(Inventor's Signature) **Sunil D. Mehta**

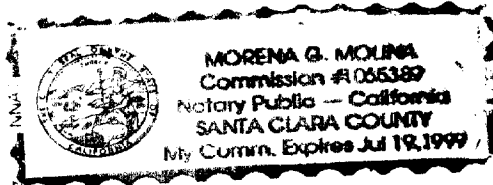
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Signature 



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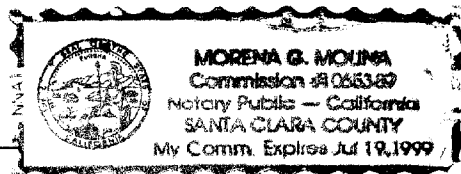
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County of Santa Clara

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(name and title of officer)

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WITNESS my hand and official seal.

Signature [Signature]



Date of Execution of Declaration for Patent Application: January 11, 1999

(2) 

(Inventor's Signature) **Sunil D. Mehta**

State of

California

County of

Santa Clara

On

April 14, 1999

before me,

Morena G. Molina, Notary Public
(name and title of officer)

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WITNESS my hand and official seal.

Signature

