

05-07-2001



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PATENTS ONLY

Patent and Trademark Office

 PTO
 1017 U.S.
 09/840598
 04/23/01

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

1. Name of conveying party(ies): Jeremy I. Martin, Eric M. Apelgren, Christian Zistl, Paul R. Besser, Srikantewara Dakshina-Murthy, Jonathan B. Smith and Nick Kepler

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

3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other

Execution Date: 11/09/00; 11/14/00; 12/20/00; 02/01/01; 02/09/01; 03/02/01 and 04/03/01, respectively

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

Name: Advanced Micro Devices, Inc.

Internal Address:

Street Address: 5204 E. Ben White Blvd.

City: Austin State: TX Zip: 78741

 Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

If this document is being filed together with a new application, the execution date of the application is: 11/09/00; 11/14/00; 12/20/00; 02/01/01; 02/09/01; 03/02/01 and 04/03/01, respectively

A. Patent Application No.(s):

N/A

B. Patent No.(s):

09/840598

 Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

 Name: Randall C. Furlong, Ph.D.
 Williams, Morgan & Amerson, P.C.
 7676 Hillmont, Suite 250

City: Houston State: Texas Zip: 77040

6. Total number of applications and patents involved: 17. Total fee (37 C.F.R. 3.41)----- \$ 40.00

Enclosed



Authorized to be charged to deposit account

 8. Deposit account number: 01-0365/TT3573
 (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.

Randall C. Furlong, Ph.D.

4/23/2001

Name of Person Signing, Reg. No. 35,144

Signature

Date

Total number of pages including cover sheet, attachments and documents: 13
 Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents and Trademarks, Box Assignment
 Washington, D.C. 20231

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EXPRESS MAIL MAILING LABEL

NUMBER EL 798 364 749 US

DATE OF DEPOSIT April 23, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service with sufficient postage "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to: Assistant Commissioner for Patents, Washington D.C. 20231.

 Signature

 PATENT
 REEL: 011750 FRAME: 0153

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to ADVANCED MICRO DEVICES, INC. (the "Assignee"), a corporation of Delaware, having a place of business at 5204 East Ben White Boulevard, Austin, Texas 78741, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled **SIDEWALL TREATMENT FOR LOW DIELECTRIC CONSTANT (LOW K) MATERIALS BY ION IMPLANTATION**, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature: _____
Jeremy I. Martin

Date: _____

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this ____ day of _____, _____, personally appeared JEREMY I. MARTIN, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Notary Public in and for the State of Texas

Signature: _____
Eric M. Apelgren

Date: _____

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this ____ day of _____, _____, personally appeared ERIC M. APELGREN, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Notary Public in and for the State of Texas

Signature: Christian Zistl
CHRISTIAN ZISTL

Date: Nov 14. 2000

WITNESSES FOR CHRISTIAN ZISTL:

Wesley Besser

Date: Nov. 14. 2000

Stephen K. J. J.

Date: Nov. 14. 2000

Signature: _____
Paul R. Besser

Date: _____

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this ____ day of _____, _____, personally appeared PAUL R. BESSER, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Notary Public in and for the State of Texas

Signature: _____
Srikantewara Dakshina-Murthy

Date: _____

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this ____ day of _____, _____, personally appeared SRIKANTEWARA DAKSHINA-MURTHY, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Notary Public in and for the State of Texas

Signature: Jonathan B. Smith
Jonathan B. Smith

Date: Nov 9, 2000

WITNESSES FOR JONATHAN B. SMITH:

[Signature]

Date: 11/09/2000

Austin E. Frostel

Date: 11/09/2000

Signature: _____
Nick Kepler

Date: _____

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this ____ day of _____, _____, personally appeared NICK KEPLER, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Notary Public in and for the State of Texas

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this ____ day of _____, _____, personally appeared FRED CHEUNG, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL] _____
Notary Public in and for the State of Texas

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to ADVANCED MICRO DEVICES, INC. (the "Assignee"), a corporation of Delaware, having a place of business at 5204 East Ben White Boulevard, Austin, Texas 78741, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled **SIDEWALL TREATMENT FOR LOW DIELECTRIC CONSTANT (LOW K) MATERIALS BY ION IMPLANTATION**, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature: _____ Date: _____
Jeremy I. Martin

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this ____ day of _____, _____, personally appeared JEREMY I. MARTIN, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Notary Public in and for the State of Texas

Signature: _____
Eric M. Apelgren

Date: _____

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this ____ day of _____, _____, personally appeared ERIC M. APELGREN, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Notary Public in and for the State of Texas

Signature: _____
CHRISTIAN ZISTL

Date: _____

WITNESSES FOR CHRISTIAN ZISTL:

Date: _____

Date: _____

Signature: _____
Paul R. Besser

Date: _____

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this ____ day of _____, _____, personally appeared PAUL R. BESSER, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Notary Public in and for the State of Texas

Signature: _____
Srikantewara Dakshina-Murthy

Date: _____

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this ____ day of _____, _____, personally appeared SRIKANTEWARA DAKSHINA-MURTHY, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Notary Public in and for the State of Texas

Signature: _____
Jonathan B. Smith

Date: _____

WITNESSES FOR JONATHAN B. SMITH:

Date: _____

Date: _____

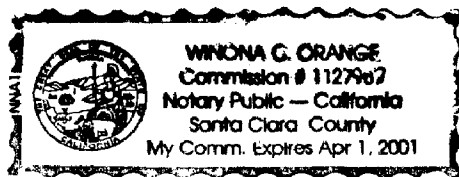
Signature: Nick Kepler
Nick Kepler

Date: 2/1/01

STATE OF CALIFORNIA)
 Santa) ss.
COUNTY OF Clara)

BEFORE ME, the undersigned authority, on this 1st day of February, 2001, personally appeared NICK KEPLER, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]



Winona C. Orange
Notary Public in and for the State of California

Signature: _____
Fred Cheung

Date: _____

Signature: _____

Fred Cheung

Date: _____

4/18/61

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this ____ day of _____, _____, personally appeared FRED CHEUNG, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Notary Public in and for the State of Texas

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

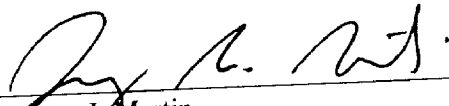
SELL, ASSIGN AND TRANSFER to ADVANCED MICRO DEVICES, INC. (the "Assignee"), a corporation of Delaware, having a place of business at 5204 East Ben White Boulevard, Austin, Texas 78741, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled **SIDEWALL TREATMENT FOR LOW DIELECTRIC CONSTANT (LOW K) MATERIALS BY ION IMPLANTATION**, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

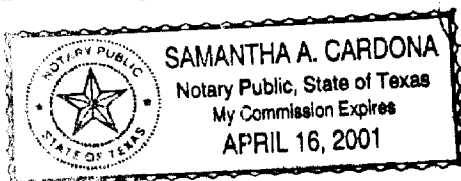
Signature: 
Jeremy I. Martin

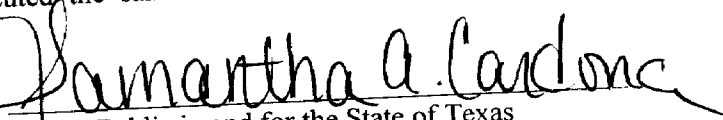
Date: 4/13/01

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this 13 day of April, 2001, personally appeared JEREMY I. MARTIN, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]



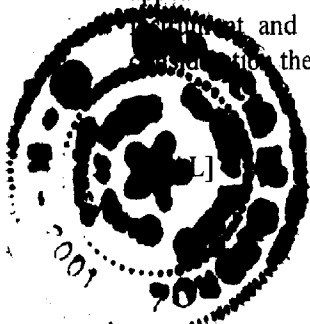

Notary Public in and for the State of Texas

Signature: Eric M. Apelgren
Eric M. Apelgren

Date: 3/2/01

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this 2nd day of March, 2001, personally appeared ERIC M. APELGREN, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



Patricia G. Gueplog
Notary Public in and for the State of Texas

Signature: _____
CHRISTIAN ZISTL

Date: _____

WITNESSES FOR CHRISTIAN ZISTL:

Date: _____

Date: _____

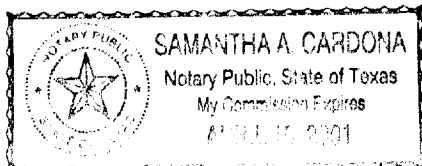
Signature: Paul R. Besser
Paul R. Besser

Date: 12/20/00

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this 20 day of December, 2000, personally appeared PAUL R. BESSER, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]



Samantha A. Cardona
Notary Public in and for the State of Texas

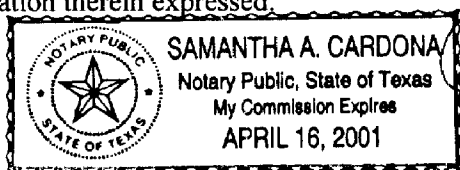
Signature: S. Dakshinamurthy
Srikantewara Dakshina-Murthy

Date: 2/9/01

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this 9 day of February, 2001, personally appeared SRIKANTEWARA DAKSHINA-MURTHY, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]



Samantha A. Cardona
Notary Public in and for the State of Texas

Signature: _____
Jonathan B. Smith

Date: _____

WITNESSES FOR JONATHAN B. SMITH:

Date: _____

Date: _____

Signature: _____
Nick Kepler

Date: _____

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this ____ day of _____, _____, personally appeared NICK KEPLER, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Notary Public in and for the State of Texas

