

06-14-2001

FORM PTO-1595
(Rev. 6-93)

101748682

SHEET

U.S. Department of Commerce

OMB No. 0651-0011 (exp. 4/94)

PATENTS ONLY

Patent and Trademark Office

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

 1033 U.S. PTO
 097871305
 05/31/01

 1. Name of conveying party(ies): 05/31/01
**John A. Iacononi, Paul R. Besser, Frederick N. Hause, Frank
 Mauersberger, Errol Todd Ryan, William S. Brennan, Peter
 J. Beckage**
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: **April 26, April 27, 2001 and May 5, 2001, 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: **April 26, 27 & May 5, 2001, respectively**

A. Patent Application No.(s):

N/A

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

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

 Name: **Terry D. Morgan**
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 account8. Deposit account number: **01-0365/TT4187**

(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.

Terry D. Morgan.Name of Person Signing, Reg. No. **31,181**

Signature

05/31/01

Date

Total number of pages including cover sheet, attachments and documents: 7

Mail documents to be recorded with required cover sheet information to:

 Commissioner of Patents and Trademarks, Box Assignment
 Washington, D.C. 20231

06/13/2001 6TON11 00000103 010365 09871305

01 FC:581

40.00 CH

EXPRESS MAIL RECEIPT

NUMBER: **EL 798 364 426 US**DATE OF DEPOSIT: **May 31, 2001**
 I hereby certify that this paper or fee is being deposited with the United States
 Postal Service "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, DC 20231.

Signature

 PATENT
 REEL: 011881 FRAME: 0550

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 "**METHOD AND APPARATUS FOR FORMING COPPER INTERCONNECTS**", 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: _____
John A. Iacoponi

Date: _____

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this ____ day of _____, 2001, personally appeared **JOHN A. IACOPONI**, 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

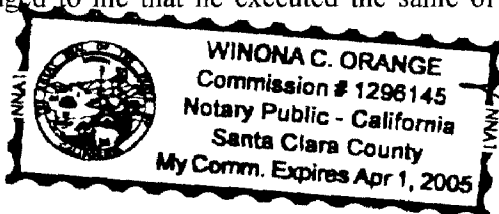
Signature: Paul R Besser
Paul R. Besser

Date: 9/26/01

STATE OF CALIFORNIA)
COUNTY OF Santa Clara) ss.

BEFORE ME, the undersigned authority, on this 26th day of April, 2001, 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]



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

Signature: _____
Frederick N. Hause

Date: _____

STATE OF TEXAS)
COUNTY OF TRAVIS) ss.

BEFORE ME, the undersigned authority, on this ____ day of _____, 2001, personally appeared **FREDERICK N. HAUSE**, 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: _____
Frank Mauersberger

Date: _____

WITNESSES FOR FRANK MAUERSBERGER

Date: _____

Date: _____

Signature: _____
Errol Todd Ryan

Date: _____

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this ____ day of _____, **2001**, personally appeared **ERROL TODD RYAN**, 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: _____
William S. Brennan

Date: _____

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this ____ day of _____, **2001**, personally appeared **WILLIAM S. BRENNAN**, 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: _____
Peter J. Beckage

Date: _____

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this ____ day of _____, **2001**, personally appeared **PETER J. BECKAGE**, 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 "**METHOD AND APPARATUS FOR FORMING COPPER INTERCONNECTS**", 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.

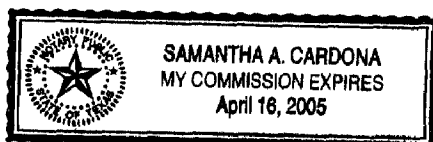
Signature: John A. Iacoponi
John A. Iacoponi

Date: 4/27/01

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this 27 day of April, 2001, personally appeared **JOHN A. IACOPONI**, 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: _____
Paul R. Besser

Date: _____

STATE OF CALIFORNIA)
) ss.
COUNTY OF _____)

BEFORE ME, the undersigned authority, on this _____ day of _____, 2001, 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]

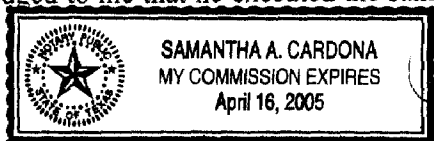
Notary Public in and for the State of California

Signature: Frederick N. Hause
Frederick N. Hause

Date: 4-27-01

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this 27 day of April, 2001, personally appeared **FREDERICK N. HAUSE**, 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: _____
Frank Mauersberger

Date: _____

WITNESSES FOR FRANK MAUERSBERGER

Date: _____

Date: _____

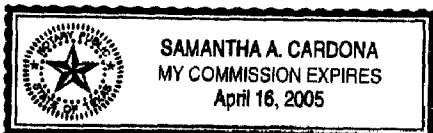
Signature: E. Todd Ryan
Errol Todd Ryan

Date: 4/27/01

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this 27 day of April, 2001, personally appeared **ERROL TODD RYAN**, 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

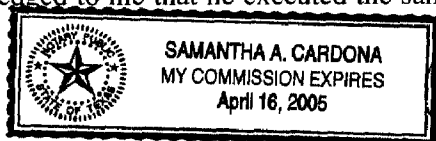
Signature: William S. Brennan
William S. Brennan

Date: 4/27/01

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this 27 day of April, 2001, personally appeared **WILLIAM S. BRENNAN**, 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

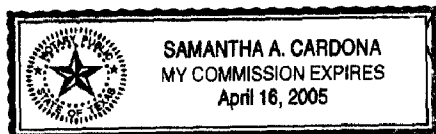
Signature: Peter J. Beckage
Peter J. Beckage

Date: 4/27/01

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this 27 day of April, 2001, personally appeared **PETER J. BECKAGE**, 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

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 "**METHOD AND APPARATUS FOR FORMING COPPER INTERCONNECTS**", 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: _____
John A. Iacoponi

Date: _____

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this ____ day of _____, 2001, personally appeared **JOHN A. IACOPONI**, 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: _____

Paul R. Besser

Date: _____

STATE OF CALIFORNIA)
) ss.
COUNTY OF _____)

BEFORE ME, the undersigned authority, on this ____ day of _____, 2001, 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 California

Signature: _____

Frederick N. Hause

Date: _____

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this ____ day of _____, 2001, personally appeared **FREDERICK N. HAUSE**, 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]

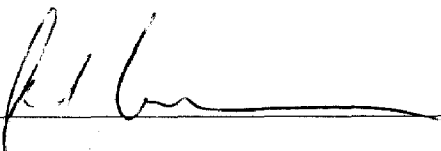
Notary Public in and for the State of Texas

Signature: Frank Mauersberger

Frank Mauersberger

Date: 5/5/01

WITNESSES FOR FRANK MAUERSBERGER



Date: 5/5/01



Date: 5/5/01