

05-13-2002



FORM PTO-1595 (Rev. 6-93)

NET

U.S. Department of Commerce

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

102087139

Patent and Trademark Office

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

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

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

JC973 U.S. PTO
10/136513
05/01/02

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: 04/08/02, 04/14/02, 04/17/02, 04/19/02, 04/23/02 and 04/26/02 respectively

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: 04/08/02, 04/14/02, 04/17/02, 04/19/02, 04/23/02 and 04/26/02 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: J. Mike Amerson
Williams, Morgan & Amerson, P.C.
7676 Hillmont, Suite 250
City: Houston State: Texas Zip: 77040

6. Total number of applications and patents involved: 1
7. Total fee (37 C.F.R. 3.41)----- \$ 40.00
 Enclosed
 Authorized to be charged to deposit account
8. Deposit account number: 01-0365/TT4185
(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.
J. Mike Amerson
Name of Person Signing, Reg. No. 35,426
Signature
Date: 05/01/02
Total number of pages including cover sheet, attachments and documents: 10

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

EXPRESS MAIL RECEIPT
NUMBER: EL 522 495 491 US
DATE OF DEPOSIT: May 1, 2002
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.
Kathy Alana
Signature

05/13/2002 6TOM11 00000029 010365 10136513
01 FC:581 40.00 CH

PATENT
REEL: 012873 FRAME: 0511

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does 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 DETECTING THE ENDPOINT OF A CHEMICAL-MECHANICAL POLISHING OPERATION USING OPTICAL TECHNIQUES,**" 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: Frank Mauersberger
FRANK MAUERSBERGER

Date: 4/15/02

WITNESSES FOR FRANK MAUERSBERGER:

B. Robinson

Date: 4/15/02

Uwe Köpcke

Date: 4/15/02

Signature: _____
ERROL TODD RYAN

Date: _____

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this ____ day of _____, 2002, 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.

Notary Public in and for the State of Texas

[SEAL]

Signature: _____
WILLIAM S. BRENNAN

Date: _____

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this ____ day of _____, 2002, 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.

Notary Public in and for the State of Texas

[SEAL]

Signature: _____
JOHN A. IACOPONI

Date: _____

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this ____ day of _____, 2002, 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.

Notary Public in and for the State of Texas

[SEAL]

Signature: _____
PETER J. BECKAGE

Date: _____

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this ____ day of _____, 2002, 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.

Notary Public in and for the State of Texas

[SEAL]

Signature: _____
PAUL R. BESSER

Date: _____

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this ____ day of _____, 2002, 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.

Notary Public in and for the State of Texas

[SEAL]

Signature: _____
FREDERICK N. HAUSE

Date: _____

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this ____ day of _____, 2002, 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.

Notary Public in and for the State of Texas

[SEAL]

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does 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 DETECTING THE ENDPOINT OF A CHEMICAL-MECHANICAL POLISHING OPERATION USING OPTICAL TECHNIQUES," 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: _____
FRANK MAUERSBERGER

Date: _____

WITNESSES FOR FRANK MAUERSBERGER:

Date: _____

Date: _____

Signature: _____
PETER J. BECKAGE

Date: _____

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this ____ day of _____, 2002, 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.

Notary Public in and for the State of Texas

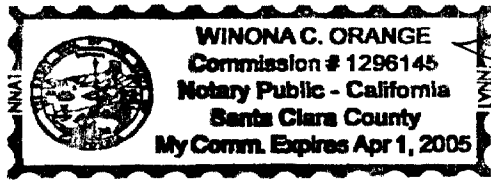
[SEAL]

Signature: Paul Besser
PAUL R. BESSER

Date: 4/8/02

STATE OF ~~TEXAS~~ CALIFORNIA)
) ss.
COUNTY OF ~~TRAVIS~~ Santa Clara)

BEFORE ME, the undersigned authority, on this 8th day of April, 2002, 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.



Winona C. Orange
Notary Public in and for the State of ~~Texas~~ CALIFORNIA

[SEAL]

Signature: _____
FREDERICK N. HAUSE

Date: _____

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this ____ day of _____, 2002, 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.

Notary Public in and for the State of Texas

[SEAL]

Signature: _____
ERROL TODD RYAN

Date: _____

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this ____ day of _____, 2002, 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.

Notary Public in and for the State of Texas

[SEAL]

Signature: _____
WILLIAM S. BRENNAN

Date: _____

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this ____ day of _____, 2002, 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.

Notary Public in and for the State of Texas

[SEAL]

Signature: _____
JOHN A. IACOPONI

Date: _____

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this ____ day of _____, 2002, 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.

Notary Public in and for the State of Texas

[SEAL]

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does 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 DETECTING THE ENDPOINT OF A CHEMICAL-MECHANICAL POLISHING OPERATION USING OPTICAL TECHNIQUES,**" 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: _____
FRANK MAUERSBERGER

Date: _____

WITNESSES FOR FRANK MAUERSBERGER:

Date: _____

Date: _____

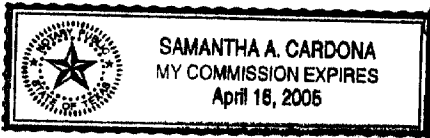
Signature: Peter J. Beckage
PETER J. BECKAGE

Date: 4/23/02

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this 23 day of April, 2002, 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

Signature: _____
PAUL R. BESSER

Date: _____

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this ____ day of _____, 2002, 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

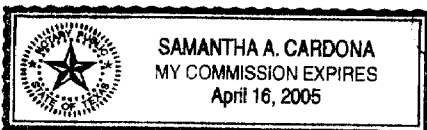
Signature: Frederick N. Hause
FREDERICK N. HAUSE

Date: 4-17-02

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this 17 day of April, 2002, 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

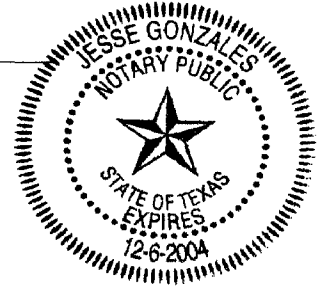
Signature: E. Todd Ryan
ERROL TODD RYAN

Date: 4-26-02

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this 26th day of April, 2002, 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.

Jesse Gonzales
Notary Public in and for the State of Texas



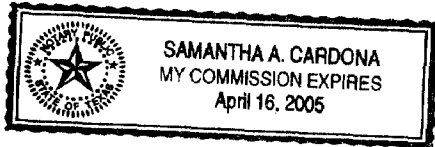
[SEAL]

Signature: William S Brennan
WILLIAM S. BRENNAN

Date: 4/23/02

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this 25 day of April, 2002, 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.



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

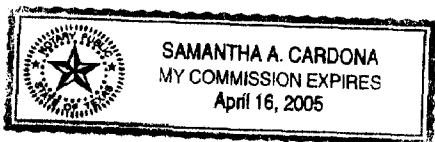
[SEAL]

Signature: John A. Iacoponi
JOHN A. IACOPONI

Date: 4/19/02

STATE OF TEXAS)
) ss.
COUNTY OF TRAVIS)

BEFORE ME, the undersigned authority, on this 19 day of April, 2002, 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.



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

[SEAL]