

02-29-2000

FORM PTO-1595  
(Rev. 6-93)

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

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U.S. Department of Commerce

Patent and Trademark Office



101277419

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

1. Name of conveying party:

**Anthony John Toprac, Joseph William Wiseman and  
Hongyu Yue**Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

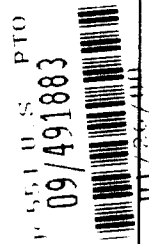
- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: **December 15, 1999 and January 24, 2000**

2. Name and address of receiving party:

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: **December 15, 1999 and January 24, 2000**

A. Patent Application No.(s):

N/A

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

09491883

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: 27. Total fee (37 C.F.R. 3.41)----- \$ 40.00

- ☐ Enclosed  
☒ Authorized to be charged to deposit account

8. Deposit account number: **01-0365/TT3714**  
 (Attach duplicate copy of this page if paying by 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.

**Randall C. Furlong, Ph.D.**Name of Person Signing, Reg. No. **35,144**

Signature

01/26/00

Date

Total number of pages including cover sheet, attachments and documents: **13**

## EXPRESS MAIL RECEIPT

NUMBER: **EL522 492 835 US**DATE OF DEPOSIT: **January 26, 2000**

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: BOX PATENT APPLICATION, Assistant Commissioner for Patents, Washington, DC 20231.

*John Memman*  
 Signature

02/28/2000 TTDW11 00000052 010365 09491883

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**PATENT**  
**REEL: 010566 FRAME: 0567**

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 73741, 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 **DETERMINING ENDPOINT IN ETCHING PROCESSES USING REAL-TIME PRINCIPAL COMPONENTS ANALYSIS OF OPTICAL EMISSION SPECTRA**, 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.

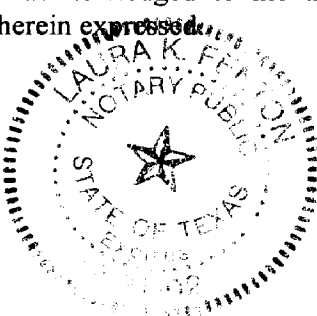
Signature: Anthony John Toprac  
Anthony John Toprac

Date: 12-15-99

STATE OF TEXAS       )  
                                  ) ss.  
COUNTY OF TRAVIS    )

BEFORE ME, the undersigned authority, on this 15 day of December, 1999, personally appeared ANTHONY JOHN TOPRAC, 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.

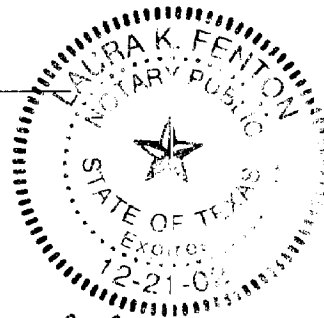
[SEAL]



Laura K. Fenton  
Notary Public in and for the State of Texas

Signature: Joseph William Wiseman  
Joseph William Wiseman

Date: 12/15/1999



STATE OF TEXAS       )  
                                  ) ss.  
COUNTY OF TRAVIS    )

BEFORE ME, the undersigned authority, on this 15 day of December, 1999, personally appeared JOSEPH WILLIAM WISEMAN, 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.

Laura K. Fenton  
Notary Public in and for the State of Texas

[SEAL]

Signature: Hongyu Yue  
Hongyu Yue

Date: 1/24/00

STATE OF TEXAS       )  
                                  ) ss.  
COUNTY OF TRAVIS    )

BEFORE ME, the undersigned authority, on this 24 day of January, 2000 personally appeared HONGYU YUE, 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.

Laura K. Fenton  
Notary Public in and for the State of Texas

[SEAL]

