

02-14-2002



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ED STATES PATENT AND TRADEMARK OFFICE

Docket No.: AMD-F919 (F0919)

RE

I hereby certify that this transmittal of the below described document is being deposited with the United States Postal Service in an envelope bearing First Class Postage and addressed to the U.S. Patent and Trademark Office, Assignment Branch, North Tower Building, Suite 10C35, Washington, D.C., 20231, on the below date of deposit.

Date of Deposit:	01/02/02	Name of Person Making the Deposit:	ANDREA MARTINEZ	Signature of the Person Making the Deposit:	<i>Andrea Martinez</i>
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The Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Please record the attached original document(s) or copy(ies) thereof:

1-28-02

Re-Submission of Transmittal of Assignment

1. Name of conveying party(ies): Allan Parker

Serial No.: 09/779,821  
Filed: 02/08/01

Group Art Unit:  
Examiner:

2. Name and Address of Receiving party(ies): Advanced Micro Devices, Inc.  
One AMD Place, Sunnyvale, California 94099-3453

3. Nature of Conveyance: Assignment  
Execution Date: 01/08/01

4. New Patent Application entitled: PIGGYBACK PROGRAMMING USING VOLTAGE CONTROL FOR MULTI-LEVEL CELL FLASH MEMORY DESIGNS

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

Name: James P. Hao  
Address: Wagner, Murabito & Hao LLP  
Two North Market Street, Third Floor, San Jose, CA 95113  
Phone: (408) 938-9060

6. Total Number of applications and patents involved: ONE

7. **Fee Calculation** (for other than a small entity)

Assignment Recordation Fee, per property

1 X \$40.00

**Total Fees** (37 CFR 3.41)

\$40.00

X The amount of \$ 40.00 is enclosed

8. At any time during the pendency of this application, please charge any additional fees required or credit any overpayments to Deposit Account 23-0085. A duplicate copy of this transmittal is 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.

Name James P. Hao  
Reg. No. 36,398

Date: January 2, 2002

"Express Mail" mailing label number: EL251298500US  
Date of Deposit: February 8, 2001

AMD Ref. No. F919  
Case No. 9076/567

## PATENT APPLICATION TRANSMITTAL LETTER

To The Commissioner for Patents:

Transmitted herewith for filing is the patent application of: Allan Parker for: PIGGYBACK PROGRAMMING USING VOLTAGE CONTROL FOR MULTI-LEVEL CELL FLASH MEMORY DESIGNS. Enclosed are:

- ☒ Four (4) sheet(s) of drawings, nineteen (19) pages of application (including title page), and the following Appendices : \_\_\_\_\_
- ☒ Combined Declaration And Power of Attorney.
- ☐ Verified statement to establish small entity status under 37 CFR §§ 1.9 and 1.27.
- ☒ Assignment transmittal letter and Assignment of the invention to : Advanced Micro Devices, Inc.
- ☒ Check for \$40.00 to cover the assignment filing fee.
- ☒ Request And Certification Under 35 U.S.C. 122(b)(2)(B)(i)

Claims as Filed	Col. 1	Col. 2
For	No. Filed	No. Extra
Basic Fee		
Total Claims	33-20	13
Indep. Claims	3-3	0
Multiple Dependent Claims Present		

\*If the difference in col. 1 is less than zero, enter "0" in col. 2.

Small Entity	
Rate	Fee
	\$ 355
x\$9=	\$
x\$40=	\$
+\$135=	\$
Total	\$

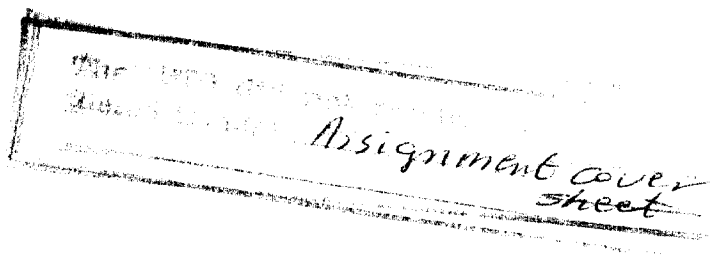
Other Than Small Entity	
Rate	Fee
	\$ 710
x\$18=	\$ 234
x\$80=	\$
+\$270=	\$
Total	\$ 944

- ☐ Please charge my Deposit Account No. 23-1925 in the amount of \$: \_\_\_\_\_. A duplicate copy of this sheet is enclosed.
- ☒ A check in the amount of \$944.00 to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
  - ☒ Any additional filing fees required under 37 CFR § 1.16.
  - ☒ Any patent application processing fees under 37 CFR § 1.17.
- ☐ The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
  - ☐ Any filing fees under 37 CFR § 1.16 for presentation of extra claims.
  - ☐ Any patent application processing fees under 37 CFR § 1.17.
  - ☐ The issue fee set in 37 CFR § 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR § 1.311(b).

February 8, 2001  
Date: February 8, 2001

John C. Freeman  
JOHN C. FREEMAN  
BRINKS HOFER GILSON & LIONE  
Registration No. 34,483

03/08/2001 DBYRNE 00000113 09779821  
01 FC:581 40.00 DP



Rev. Feb-97

C:\JCF\9076 - AMD\567 - PIGGYBACK PROGRAMMING USING VOLTAGE, etc\REG. APP. BASED ON PROV. - KEEP PROV.  
MATTER NO\TRANS LETTER - PAT APP and FPs.doc

**PATENT**  
**REEL: 012563 FRAME: 0907**

**ASSIGNMENT**

WHEREAS, Allan Parker, hereinafter called the "Assignor", has made the invention described in the United States Provisional patent application entitled PIGGYBACK PROGRAMMING USING VOLTAGE CONTROL FOR MULTI-LEVEL CELL FLASH MEMORY DESIGNS, executed by Assignor on the same date of this Assignment;

WHEREAS, Advanced Micro Devices, Inc., a corporation organized and existing under the laws of the State of Delaware, having a place of business at One AMD Place, Sunnyvale, California 94088-3453, hereinafter called the "Assignee", desires to acquire the entire right, title and interest, including but not limited to the authority to license, in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer to the Assignee, the entire right, title and interest, including but not limited to the authority to license, for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest, including but not limited to the authority to license, in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest, including but not limited to the authority to license, in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignor hereby covenants and agrees, for both the Assignor and the Assignor's legal representatives, that the Assignor will assist the Assignee in the prosecution of the

patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor has executed this agreement.

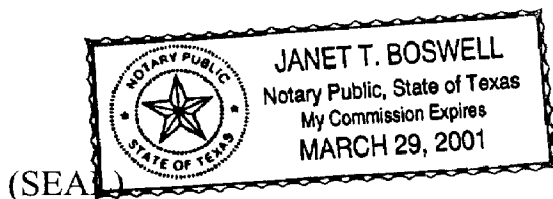
DATED: 1/8/01 AP

Allan Parker  
Allan Parker

STATE OF Texas )  
COUNTY OF Harris ) ss.

I, Janet T. Boswell, a Notary Public in and for the County and State aforesaid, do hereby certify that Allan Parker, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 8th day of January, 20 01.



Janet T. Boswell  
Notary Public

My Commission Expires: March 29, 2001