

09-20-2002



ES PATENT AND TRADEMARK OFFICE

Docket No.: AF01164

102227884

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:	09/12/02	Name of Person Making the Deposit:	Anthony Chou	Signature of the Person Making the Deposit:	<i>Anthony Chou</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:

Transmittal of an Assignment

*MRD  
9/12/02*



1. Name of conveying party(ies): Santosh YACHARENI, Kazuhiro KURIHARA, Ming-Huei SHIEH and Pau-Ling CHEN

Serial No.:

Group Art Unit:

Filed: 09/12/02

Examiner:

2. Name and Address of Receiving party(ies):  
Advanced Micro Devices, Inc.  
One AMD Place, P.O. BOX 3453, Sunnyvale, California 94088-3453  
Fujitsu Limited  
1-1 Kamikodanaka, 4-Chome, Nakahara-ku, Kawasaki-Shi  
Kanagawa-ken, 211-8588 Japan

3. Nature of Conveyance: Assignment  
Execution Date: 08/01/02, 09/05/02, 08/28/02, 08/15/02

4. New Patent Application entitled: A METHOD AND SYSTEM TO MINIMIZE PAGE PROGRAMMING TIME FOR FLASH MEMORY DEVICES

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 10243792

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.

09/18/2002 EHAILE1 00000016 10243792

02 FC:581

40.00 01

Date:

*9/12/02*

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

# Assignment to Advanced Micro Devices, Inc. and Fujitsu Limited

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we Santosh YACHARENI, Kazuhiro KURIHARA, Ming-Huei SHIEH and Pau-Ling CHEN do hereby sell, assign, and transfer unto Advanced Micro Devices, Inc (hereinafter called AMD), a Delaware Corporation having its principal place of business at One AMD Place, P. O. Box 3453, Sunnyvale, CA 94088-3453 and Fujitsu Limited (hereinafter called Fujitsu), a Japan Corporation having its principal place of business at 1-1 Kamikodanaka 4-Chome, Nakahara-ku, Kawasaki-shi, Kanagawa-ken, 211-8588 Japan, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

A METHOD AND SYSTEM TO MINIMIZE PAGE PROGRAMMING TIME FOR FLASH MEMORY DEVICES

X filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; or

Serial No.: \_\_\_\_\_ filed on \_\_\_\_\_ and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, I/we agree promptly upon request of AMD and Fujitsu, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to AMD and Fujitsu, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by AMD and Fujitsu.

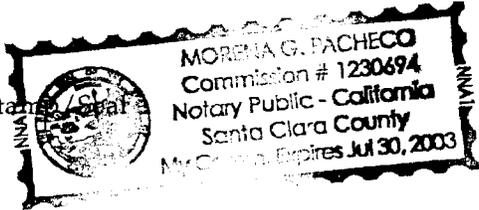
I/we further covenant with AMD and Fujitsu, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature: Santosh Yachareni Date: 8.1.02

State of California  
County of Santa Clara

Before me this 1st day of August, 2002 personally appeared Santosh Yachareni who is \_\_\_\_\_ personally known or X proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be X his or \_\_\_\_\_ her free act and deed.



Notary Public Morena G. Pacheco

Inventor's Signature: Kazu Furubara Date: 9/5/2002

State of \_\_\_\_\_  
County of \_\_\_\_\_

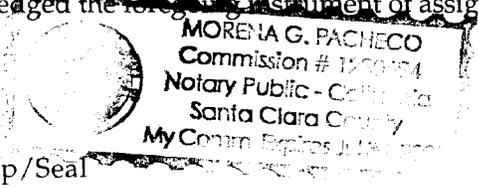
Before me this \_\_\_\_\_ day of \_\_\_\_\_ personally appeared \_\_\_\_\_ who is \_\_\_\_\_ personally known or \_\_\_\_\_ proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be \_\_\_\_\_ his or \_\_\_\_\_ her free act and deed.

Notary Stamp/Seal \_\_\_\_\_ Notary Public \_\_\_\_\_

Inventor's Signature: Ming-Huei Shieh Date: 8/28/02

State of California  
County of Santa Clara

Before me this 28th day of August, 2002 personally appeared Ming-Huei Shieh who is \_\_\_\_\_ personally known or  proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be  his or \_\_\_\_\_ her free act and deed.

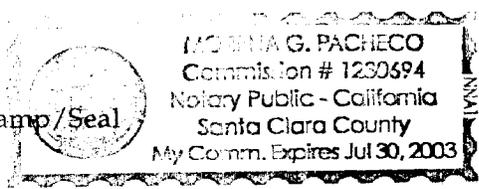


Notary Stamp/Seal \_\_\_\_\_ Notary Public Morena G. Pacheco

Inventor's Signature: P. Ling Che Date: 8/15/02

State of California  
County of Santa Clara

Before me this 15th day of August, 2002 personally appeared Pau-Ling Chen who is  personally known or \_\_\_\_\_ proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be  his or \_\_\_\_\_ her free act and deed.



Notary Stamp/Seal \_\_\_\_\_ Notary Public Morena G. Pacheco

Signed:

*Akiaki Suzuki*

Witness 1 for Kazuhiro Kurihara

Date:

9/5, 2002

Signed:

*N. Kawakami*

Witness 2 Kazuhiro Kurihara

Date:

Sep. 5. 2002