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PATENTS ONLY

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03-06-2000



PATENTS ONLY

AND TRADEMARKS

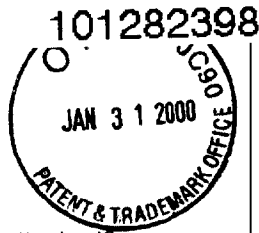
Please

it or copy thereof.

1. Name of Party(ies) conveying ar

and Address of Party(ies) receiving an interest:

Stephen Park  
Arvind Halliyal  
Hideki Komori



Name: Advanced Micro Devices, Inc.  
Internal Address:  
Street Address: One AMD Place  
City: Sunnyvale  
State/Zip: CA 94099-3453

Additional name(s) of conveying party(ies) attached?

Yes  No

Additional name(s) and addresses attached?

Yes  No

3. Description of the interest conveyed:

- Assignment  Change of Name Other:
- Security Agreement  Merger

Execution Date: January 13-14, 2000

4. Application number(s) or patent number(s). Additional sheet attached?  Yes  No

If this document is being filed together with a new application, the execution date of the application is:

-----  
Date

A. Patent Application No.(s)  
09/426,239

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

BRINKS HOFER GILSON & LIONE  
P.O. BOX 10395  
CHICAGO, IL 60610  
(312)321-4200

6. Number of applications and patents involved: 1

- 7. Total fee (37 CFR 3.41) \$ 40.00
  - Enclosed
  - Authorized to be charged to Deposit Account No. 23-1925
- 8.  Please charge any deficiencies in fee or credit any overpayment to Deposit Account No. 23-1925.

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.

Vincent J. Gnoffo  
Name of Person Signing

Vincent J. Gnoffo  
Signature

1/26/00  
Date

Total number of pages including cover sheet, attachments, and document: \_\_\_\_\_

Rev. Dec.-99

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PATENT  
REEL: 010581 FRAME: 0557

2. Name and Address of Party(ies) receiving an interest:

Name:	Fujitsu Limited
Internal Address:	
Street Address	1-1 Kamikodanaka, 4-chrome
City:	Nakahara-ku, Kawasaki-shi
State/Zip	Kanagawa, 211-88
Country:	Japan

**ASSIGNMENT**

WHEREAS, Steven K. Park, Arvind Halliyal and Hideki Komori, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled A METHOD TO GENERATE A MONOS TYPE FLASH CELL USING POLYCRYSTALLINE SILICON AS AN ONO TOP LAYER, executed by Assignors on the same date as 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 94099-3453 and Fujitsu Limited, a corporation organized and existing under the laws of the Country of Japan, having a place of business at 1-1 Kamikodanaka, 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa, 211-88, Japan, hereinafter called the "Assignee", desires to acquire the entire right, title and interest 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 Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest 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 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 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 Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors 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 Assignors 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 Assignors have executed this agreement.

DATED:

\_\_\_\_\_

\_\_\_\_\_  
Steven K. Park

DATED:

1/13/00  
\_\_\_\_\_

\_\_\_\_\_  
*Arvind Halliyal*  
Arvind Halliyal

DATED:

1/14/00  
\_\_\_\_\_

\_\_\_\_\_  
*Hideki Komori*  
Hideki Komori

DATED:

\_\_\_\_\_

\_\_\_\_\_

STATE OF )  
 ) ss.  
COUNTY OF )

I, \_\_\_\_\_, A Notary Public in and for the County and State aforesaid, do hereby certify that Steven K. Park, 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  
day of \_\_\_\_\_, 19 \_\_\_\_\_.

\_\_\_\_\_  
Notary Public

(SEAL)

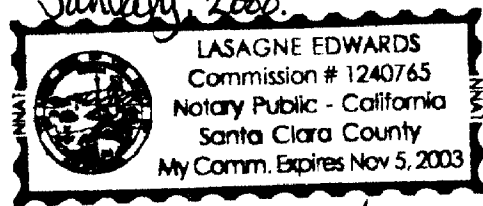
My Commission Expires:

STATE OF *California* )  
 ) ss.  
COUNTY OF *Santa Clara* )

I, *Lasagne Edwards* A Notary Public in and for the County and State aforesaid, do hereby certify that Arvind Halliyal, 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 ~~(X)~~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

*13<sup>th</sup>* day of *January*, 19 *2000*.



(SEAL)

*Lasagne Edwards*  
\_\_\_\_\_  
Notary Public

My Commission Expires: *11/05/03*

ASSIGNMENT

WHEREAS, Steven K. Park, Arvind Halliyal and Hideki Komori, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled A METHOD TO GENERATE A MONOS TYPE FLASH CELL USING POLYCRYSTALLINE SILICON AS AN ONO TOP LAYER, executed by Assignors on the same date as 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 94099-3453 and Fujitsu Limited, a corporation organized and existing under the laws of the Country of Japan, having a place of business at 1-1 Kamikodanaka, 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa, 211-88, Japan, hereinafter called the "Assignee", desires to acquire the entire right, title and interest 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 Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest 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 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 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 Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors 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 Assignors 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 Assignors have executed this agreement.

DATED: 01/13/00 \_\_\_\_\_ *Steven K. Park*  
STEPHEN ~~Steven~~ K. Park

DATED: \_\_\_\_\_ Arvind Halliyal

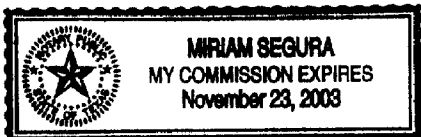
DATED: \_\_\_\_\_ Hideki Komori

DATED: \_\_\_\_\_ \_\_\_\_\_

STATE OF TEXAS )  
COUNTY OF TRAVIS ) ss.

I, MIRIAM SEGURA, A Notary Public in and for the County and State aforesaid, do hereby certify that ~~Steven K. Park~~<sup>Stephen</sup>, 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 13<sup>th</sup> day of January, 19 2000.



*Miriam Segura*  
Notary Public

(SEAL)

My Commission Expires: November 23, 2003

STATE OF )  
COUNTY OF ) ss.

I, , A Notary Public in and for the County and State aforesaid, do hereby certify that Arvind Halliyal, 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 day of , 19 .

\_\_\_\_\_  
Notary Public

(SEAL)

My Commission Expires:



STATE OF )  
) ss.  
COUNTY OF )

I, \_\_\_\_\_, A Notary Public in and for the County and State aforesaid, do hereby certify that Hideki Komori, 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  
day of \_\_\_\_\_, 19\_\_\_\_.

\_\_\_\_\_  
Notary Public

(SEAL)

My Commission Expires:

STATE OF )  
) ss.  
COUNTY OF )

I, \_\_\_\_\_, A Notary Public in and for the County and State aforesaid, do hereby certify that \_\_\_\_\_, 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  
day of \_\_\_\_\_, 19\_\_\_\_.

\_\_\_\_\_  
Notary Public

(SEAL)

My Commission Expires: