

AMD 1.3-00

RECORDATION F O
PATENT

01-24-2000



101250092

To the Honorable Commissioner of Patents and Trademarks. Please record the attached

1. Name of conveying party(ies):

James B. Keller
Keith R. Schakel
Puneet Sharma

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: One AMD Place

City Sunnyvale State CA ZIP 94088

Additional name(s) & address(es) attached? Yes No

JCS617 U.S. PTO
09/476577
01/03/00

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: 9/30/99, 12/31/99, and 11/16/99

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of this application is: 9/30/99, 12/31/99, and 11/16/99

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

09/476577

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

Name: Lawrence J. Merkel

Internal Address: Conley, Rose & Tayon, P.C.

Street Address: P.O. Box 398

City Austin State TX ZIP 78767-0398

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):\$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:
(Attach a duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

01/19/2000 JORTIS 00000047 09476577

04 FC:5AL Statement and Signature. 40.00 DP

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.

Lawrence J. Merkel
Name of Person Signing
Reg. No. 41,191

Lawrence J. Merkel
Signature

January 3, 2000
Date

Total number of pages: 10

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 organized and existing under and by virtue of the laws of the State of Delaware, and having its principal place of business at One AMD Place, P.O. Box 3453, Sunnyvale, CA 94088, 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 **CACHE WHICH PROVIDES PARTIAL TAGS FROM NON-PREDICTED WAYS TO DIRECT SEARCH IF WAY PREDICTION MISSES**, 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 that, 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 securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

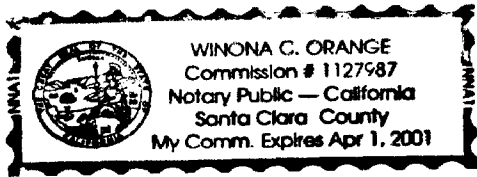
COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assigns.

(Signature) [Signature]
Name: James B. Keller

Date: 9/30/99

STATE OF California §
 Santa §
COUNTY OF Clara §

BEFORE ME, the undersigned authority, on this 30th day of September, 1999, personally appeared James B. Keller known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.



[SEAL]

[Signature]
Notary or Consular Officer

(Signature) _____
Name: Keith R. Schakel

Date: _____

STATE OF _____ §
 _____ §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this ___ day of _____, 19___, personally appeared _____ known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

Notary or Consular Officer

[SEAL]

(Signature) _____ Date: _____
Name: Puneet Sharma

STATE OF _____ §
 §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this ___ day of _____, 19___, personally
appeared _____ known to me to be the person whose name is
subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of
his own free will for the purposes and consideration therein expressed.

Notary or Consular Officer

[SEAL]

Lawrence J. Merkel
Conley, Rose & Tayon, P.C.
P.O. Box 398
Austin, TX 78767-0398

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 organized and existing under and by virtue of the laws of the State of Delaware, and having its principal place of business at One AMD Place, P.O. Box 3453, Sunnyvale, CA 94088, 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 **CACHE WHICH PROVIDES PARTIAL TAGS FROM NON-PREDICTED WAYS TO DIRECT SEARCH IF WAY PREDICTION MISSES**, 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 that, 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 securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assigns.

(Signature) _____ Date: _____
Name: James B. Keller

STATE OF _____ §
 §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this ___ day of _____, 19___, personally appeared _____ known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

Notary or Consular Officer

[SEAL]

(Signature) Keith R. Schakel Date: December 31, 1999
Name: Keith R. Schakel

STATE OF CALIFORNIA §
 §
COUNTY OF Santa Clara §

BEFORE ME, the undersigned authority, on this ³¹ day of DEC, 1999 personally appeared Keith R Schakel known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

[Signature]
Notary or Consular Officer

[SEAL]



(Signature) _____ Date: _____

Name: Puneet Sharma

STATE OF _____ §

§

COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this ___ day of _____, 19___, personally appeared _____ known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

Notary or Consular Officer

[SEAL]

Lawrence J. Merkel
Conley, Rose & Tayon, P.C.
P.O. Box 398
Austin, TX 78767-0398

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned does hereby:

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COVENANT that, 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 securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assigns.

(Signature) _____ Date: _____
Name: James B. Keller

STATE OF _____ §
 §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this ___ day of _____, 19___, personally appeared _____ known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

Notary or Consular Officer

[SEAL]

(Signature) _____ Date: _____
Name: Keith R. Schakel

STATE OF _____ §
 §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this ___ day of _____, 19___, personally appeared _____ known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

Notary or Consular Officer

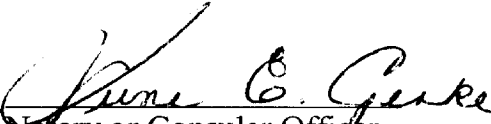
[SEAL]

(Signature) 
Name: Puneet Sharma

Date: November 16, 1999

~~STATE OF~~ REPUBLIC OF SINGAPORE)
~~CITY OF~~ CITY OF SINGAPORE)
EMBASSY OF THE) SS:
~~COUNTY OF~~ UNITED STATES OF AMERICA)

BEFORE ME, the undersigned authority, on this 16th day of November, 1999, personally appeared Puneet Sharma known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.


~~Notary or Consular Officer~~

[SEAL]

Lawrence J. Merkel
Conley, Rose & Tayon, P.C.
P.O. Box 398
Austin, TX 78767-0398