

03-30-2001



To the Honorable Commissioner of Patents and Trademarks. Plc

101653464

.eof.

1. Name of conveying party(ies):

Benjamin T. Sander
William A. Hughes
Sridhar P. Subramanian
Teik-Chung TanAdditional 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 PlaceCity Sunnyvale State CA ZIP 94088Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

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

Execution Date: 2/27/01, 2/26/01, 2/20/01, and 2/27/01

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: 2/27/01, 2/26/01, 2/20/01, and 2/27/01

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes☒ No

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

Name: Lawrence J. MerkelInternal Address: Conley, Rose & Tayon, P.C.Street Address: P.O. Box 398City Austin State TX ZIP 78767-03986. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41):\$ 40.00

- ☐ Enclosed
☒ Fee Authorization Enclosed

50-15058. Deposit account number:
(Attach a duplicate copy of this page if paying by deposit account)

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.

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

Signature

March 2, 2001
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 **STRIDE BASED PREFETCHER WITH CONFIDENCE COUNTER AND DYNAMIC PREFETCH-AHEAD MECHANISM**, 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;

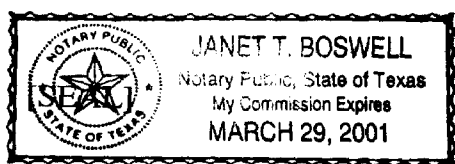
COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all 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) Benjamin T. Sander Date: 2-27-01
Name: Benjamin T. Sander

STATE OF TX §
COUNTY OF Dallas §

BEFORE ME, the undersigned authority, on this 27th day of February, 2001, personally appeared Benjamin T. Sander 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.



Janet T. Boswell
Notary or Consular Officer

(Signature) _____ Date: _____
Name: William A. Hughes

STATE OF _____ §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this ____ day of _____, 20____, 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: Sridhar P. Subramanian

STATE OF _____ §

§

COUNTY OF _____ §

§

BEFORE ME, the undersigned authority, on this ____ day of _____, 20__, 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: 2-27-01

Name: Teik-Chung Tan

STATE OF Texas §

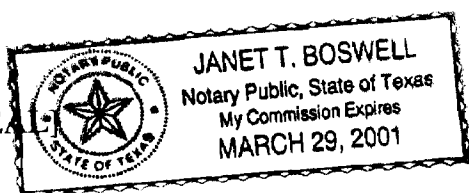
§

COUNTY OF Harris §

§

BEFORE ME, the undersigned authority, on this 27th day of February, 2001, personally appeared Teik-Chung Tan 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]



Notary or Consular Officer

Robert C. Kowert
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 **STRIDE BASED PREFETCHER WITH CONFIDENCE COUNTER AND DYNAMIC PREFETCH-AHEAD MECHANISM**, 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: Benjamin T. Sander

STATE OF _____ §

§

COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this ____ day of _____, 20____, 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) William A. Hughes
Name: William A. Hughes

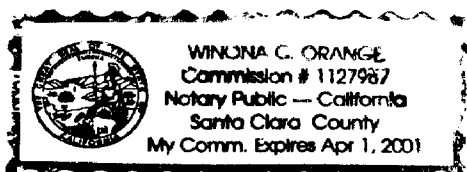
Date: 2/26/01

STATE OF California §

§

COUNTY OF Santa Clara §

BEFORE ME, the undersigned authority, on this 26th day of Feb., 2001, personally appeared William A. Hughes 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.



Winona C. Orange
Notary or Consular Officer

[SEAL]

(Signature) _____ Date: _____

Name: Sridhar P. Subramanian

STATE OF _____ §

§

COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this ____ day of _____, 20____, 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: Teik-Chung Tan

STATE OF _____ §

§

COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this ____ day of _____, 20____, 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]

Robert C. Kowert
Conley, Rose & Tayon, P.C.
P.O. Box 398
Austin, TX 78767-0398

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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: Benjamin T. Sander

STATE OF _____ §

§

COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this ____ day of _____, 20____, 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: William A. Hughes

STATE OF _____ §

§

COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this ____ day of _____, 20____, 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]

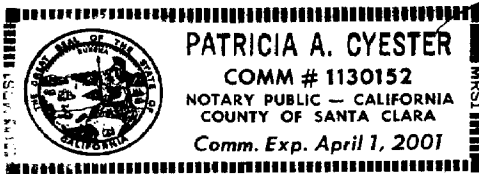
(Signature) P. P. Subramanian
Name: Sridhar P. Subramanian

Date: 2/20/2001

STATE OF Cal §
COUNTY OF Santa Clara §

BEFORE ME, the undersigned authority, on this 20 day of Feb., 2001, personally appeared Sridhar P. Subramanian 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]



Patricia A. Cyester
Notary or Consular Officer

(Signature) _____ Date: _____
Name: Teik-Chung Tan

STATE OF _____ §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this ____ day of _____, 20____, 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]

Robert C. Kowert
Conley, Rose & Tayon, P.C.
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Austin, TX 78767-0398