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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Geoffrey S. S. Strongin
Brian D. McMinn
Dale E. Gulick

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

☐ Yes ☒ No

3. Nature of Conveyance:

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

Execution Date: 4/24/00; 5/1/00; and 4/24/00, respectively

2. Name and address of receiving party(ies):

Name: ADVANCED MICRO DEVICES, INC.Internal Address: P.O. BOX 3453Street Address: ONE AMD PLACECity SUNNYVALE State CA ZIP 94088-3453Additional name(s) & address(es) attached? ☐ Yes ☒ No

05-16-2000



101358368

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

If this document is being filed together with a new application, the execution date of the application is: 4/24/00; 5/1/00; and 4/24/00, respectively

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 Mark Zagorin
Internal Address: Zagorin, O'Brien & Graham, L.L.P.
Street Address: 1120 S. Capital of Texas Hwy., Bldg. 3, Suite 208
City AUSTIN State TX ZIP 787466. Total number of applications and patents involved: 17. Total Fee (37 CFR 3.41):\$ 40.00

- ☐
- A check is enclosed for the Total Fee shown above
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8. 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.*Mark Zagorin, Reg. No. 36.067
Name of Person SigningMark Zagorin
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ASSIGNMENT OF INVENTION

For good and valuable consideration, the receipt of which is hereby acknowledged,
I, an ASSIGNOR named below,

Geoffrey S. S. Strongin of Austin, Texas
Brian D. McMinn of Buda, Texas
Dale E. Gulick of Austin, Texas

hereby sell, assign and transfer to

ASSIGNEE: Advanced Micro Devices, Inc., a Delaware corporation, having a
place of business at One AMD Place, P.O. Box 3453,
Sunnyvale, CA 94088,

its successors, assigns and legal representatives, my entire right, title and interest throughout
the world, including all rights to claim priority, in and to the invention(s) disclosed in:

- ☒ U.S. Patent Application executed on or about the date of this Assignment,
☐ U.S. Patent Application executed on _____, or
☐ U.S. Provisional Application
☐ U.S. Application No.: _____, filed on _____
☐ International Application No.: PCT/_____, filed on _____

ENTITLED: **MEMORY CONTROLLER PROVIDING MULTIPLE
POWER MODES FOR ACCESSING MEMORY DEVICES,**
and naming as

INVENTOR(S): Geoffrey S. S. Strongin, Brian D. McMinn, and Dale E. Gulick

including without limitation, my entire right, title and interest in and to any and all United
States and foreign applications (including international, regional and foreign national
applications) for said invention(s), including divisions, continuations, continuations-in-part,
renewals, substitutes and extensions thereof, and in and to any and all patents of every
country or region that may be granted or have been granted for said invention(s), including
any reissues and reexaminations thereof.

To comply with 37 C.F.R. § 3.21 for recording this Assignment, I authorize and request that
the application number and filing date be inserted here, if not already shown above,
(_____/_____, filed _____) when they become known.

I authorize ASSIGNEE to apply for patents of foreign countries for said invention(s), and to
claim all rights of priority without further authorization from me.

I agree to execute any and all papers useful in connection with any and all United States and
foreign applications (including international, regional, and foreign national applications), and
generally to do everything possible to aid ASSIGNEE, its successors, assigns and nominees,
at their request and reasonable expense, in obtaining and enforcing patents for said
invention(s) in all countries.

I hereby covenant that no assignment, sale, license, agreement, or encumbrance has been or
will be made or entered into that would conflict with this Assignment.

ASSIGNMENT OF INVENTION

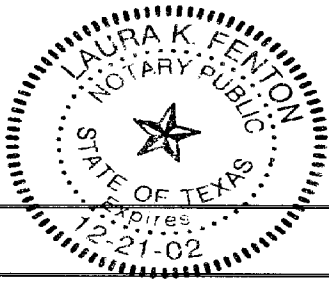
I authorize and request the Commissioner of Patents and Trademarks to issue any U.S. Letters Patent that may be granted for said invention(s) to ASSIGNEE, its successors or assigns.

Executed on April 24th, 2000 by Geoffrey S. S. Strongin

----- Notary Use Below -----

State of Texas
County of Travis

On 24 Apr. 2000, Geoffrey S. S. Strongin, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to within this instrument, personally appeared before me and acknowledged to me that ~~he~~she executed this instrument in ~~his~~her authorized capacity, and that by ~~his~~her signature, ~~he~~she or the entity upon behalf of which ~~he~~she acted, executed the instrument.



WITNESS my hand and official seal.

Laura K. Fenton
Signature of Notary

Executed on 5/1, 2000 by Brian D. McMinn

----- Notary Use Below -----

State of TEXAS
County of TRAVIS

On May 1, 2000, Brian D. McMinn, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to within this instrument, personally appeared before me and acknowledged to me that ~~he~~she executed this instrument in ~~his~~her authorized capacity, and that by ~~his~~her signature, ~~he~~she or the entity upon behalf of which ~~he~~she acted, executed the instrument.



WITNESS my hand and official seal.

Kathy Escutia
Signature of Notary

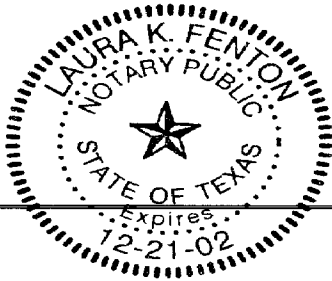
ASSIGNMENT OF INVENTION

Executed on 4/24, 2000 by Dale E. Gulick
Dale E. Gulick

----- Notary Use Below -----

State of Texas
County of Travis

On 24 Apr 2000, Dale E. Gulick, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to within this instrument, personally appeared before me and acknowledged to me that he/~~she~~ executed this instrument in his/~~her~~ authorized capacity, and that by his/~~her~~ signature, he/~~she~~ or the entity upon behalf of which he/~~she~~ acted, executed the instrument.



WITNESS my hand and official seal.

Laura K. Fenton
Signature of Notary