03-23-1999 RI FORM PTO-1595 (modified) EET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office OMB No. 0651-0011 (exp. 4/94) 100990074 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Richard A. Relph Name: ADVANCED MICRO DEVICES INC. MAR 1 1 1999 Internal Address: Additional name(s) of conveying party(ies) attached? No Street Address: One AMD Place, P.O. Box 3453 3. Nature of conveyance: City: Sunnyvale, State: California ZIP: 94088-3453 Assignment Merger Change of Name Security Agreement Other Additional name(s) & address(es) attached? No Execution Date: March 5, 1999 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: A. Patent Application No.(s) B. Patent No.(s)

Additional numbers attached? No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. § 3.41). \$40.00

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9. Statement and signature.

Name: Brian J. McNamara

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.

Phillip J Arthola Brian J. McNamara

08/248,625

concerning document should be mailed:

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March 11, 1999

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PATENT **REEL: 9824 FRAME: 0987**

ASSIGNMENT

WHEREAS.

Richard A. Relph of 920 Wren, Santa Clara, California 95051

(hereinafter singly, "ASSIGNOR") invented SYSTEM AND METHOD FOR USING A MEMORY MANAGEMENT UNIT TO REDUCE MEMORY REQUIREMENTS for which application Serial No. 08/248,625 for Letters Patent of the United States was filed on May 24, 1994; and

WHEREAS, Advanced Micro Devices Inc. (hereinafter "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 1160 Kern, Sunnyvale, California 94086 and a mailing address of One AMD Place, P.O. Box 3453, Sunnyvale, California 94088-3453 is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR by these presents does sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right to the invention as described in the aforesaid application, in the United States and all foreign countries, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial models, and other international agreements to which the United States adheres, and hereby authorize and request the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives,

AND HEREBY AGREES to transfer a like interest upon request of ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements and applications for patents based thereon, growing out of or relating to the invention; and to provide all reasonable assistance and execute any papers deemed essential by ASSIGNEE, its successors, assigns and legal representative, to ASSIGNEE's full protection and title in and to the invention hereby transferred,

AGREEING, FURTHERMORE, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

PATENT REEL: 9824 FRAME: 0988

EXECUTED: Richard A. Relph State of <u>California</u>) County of <u>Santa Clar</u>a)) SS. On this 5th day of MwW , 1999, before me, a notary public in and for said county, appeared Richard A. Relph, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he/she acknowledged that he/she signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth. (Seal) My Commission Expires:

WINONA C. ORANGE Commission # 1127/67 Notary Public — Colfornia Santa Clara County My Comm. Expires Apr 1, 2001

PATENT
RECORDED: 03/11/1999 REEL: 9824 FRAME: 0989