John G. Rauch Name of Person Signing

Statement and signature.

copy of the original document.

October 25, 2000

Date

Total number of pages including cover sheet, attachments, and document: 3

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true

Rev. Dec.-99

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PATENT

REEL: 011267 FRAME: 0878

ASSIGNMENT

WHEREAS, <u>Ali Al-Shamma</u>, hereinafter called the "Assignor", has made the invention described in the United States patent application entitled <u>CASCODE BARREL</u> <u>READ</u>, executed by Assignor on the same date of 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, P.O. Box 3453, Sunnyvale, California 94088-3453, hereinafter called the "Assignee", desires to acquire the entire right, title and interest, including but not limited to the authority to license, 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 Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer to the Assignee, the entire right, title and interest, including but not limited to the authority to license, 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, including but not limited to the authority to license, 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, including but not limited to the authority to license, 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 Assignor hereby covenants and agrees, for both the Assignor and the Assignor's legal representatives, that the Assignor will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent

PATENT REEL: 011267 FRAME: 0879 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 Assignor 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 Assignor has executed this agreement.

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aforesaid, do hereby certify that Ali Al-Shamma, 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 October, 2000.

(SEAL)

MORENA G. PACHECO Commission # 1230694 Notary Public - California Santa Clara County My Comm. Expires Jul 30, 2003 Merena & Gaches

Rev. Dec.-99

My Commis

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RECORDED: 10/25/2000