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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.		
Name of conveying party(ies):	Name and address of receiving party(ies)	
National Semiconductor Corporation	Name: ADVANCED MICRO DEVICES, INC.	
by John M. Clark III, Sr. V.P. and Secretary	Internal Address:	
	Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes VNo		
3. Nature of conveyance:		
✓ Assignment		
·	Street Address: PO BOX 3453	
Security Agreement Change of Name	ONE AMD PLAÇE	
Other		
	City: SUNNYVALE State: CA Zip: 94088-3553	
08/21/2003 Execution Date:		
Execution Date:	Additional name(s) & address(es) attached? Yes Vo	
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) 09/477,094	B. Patent No.(s) 6,684,321	
Att'y Dkt. No.: 1458-P04375		
Additional numbers attached? Yes V No		
<ol><li>Name and address of party to whom correspondence concerning document should be mailed;</li></ol>	6. Total number of applications and patents involved:	
<sub>Name:</sub> J. Gustav Larson	7. Total fee (37 CFR 3.41)\$40.00	
TOLER, LARSON & ABEL, LLP	Enclosed	
P.O. Box 29567	Authorized to be charged to deposit account	
	L:	
	R Donosit account aumhor.	
Street Address: 5000 Plaza on the Lake	8. Deposit account number:	
Sileet Address	01-0365	
Suite 265		
City:_AustinState:_TX_Zip:_78746		
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9. Signature.		
. <b>.</b>		
J. Gustav Larson, Reg. No. 39,263  Susay 3 99,000 9-27-07		
Name of Person Signing Signature Date		
Total number of pages including cover sheet, attachments, and documents: 4		

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

USPTO Assignment Branch Fax No.: 703-306-5995

## ASSIGNMENT OF PATENT RIGHTS

This ASSIGNMENT OF PATENT RIGHTS, dated August 21, 2003 (this "Agreement"), is entered into by National Semiconductor Corporation and its Subsidiaries (as defined below) (collectively, "Assignor"), with and for the benefit of Advanced Micro Devices, Inc. ("Assignee"). For the purpose of this Agreement, "Subsidiary" means, with respect to a party, any corporation, company, or other entity, more than fifty percent (50%) of whose outstanding shares or securities (representing the right to vote for the election of directors or other managing authority) are, now or hereafter, owned or controlled, directly or indirectly by a party hereto, but such corporation, company or other entity shall be deemed to be a "Subsidiary" only so long as such ownership or control exists.

WHEREAS, Assignor has agreed to sell and assign, and Assignee has agreed to buy and acquire all of Assignor's rights, title and interests in and to the Assigned Patents set forth in Exhibit A attached hereto (the "Assigned Patents").

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby assigns and transfers to Assignee any and all worldwide rights, title and interests Assignor holds, or may hold, in and to the Assigned Patents, together with all rights derived therefrom, including but not limited to the right to sue for and collect damages for past, present and future infringement.

Assignor further agrees that, should additional or further documentation of the assignment be required for whatever reason, Assignor will, without further consideration, provide or execute such other information or documents as may be necessary upon Assignee's reasonable request.

This Agreement shall be binding on and shall inure to the benefit of, the parties hereto and their respective successors and assigns. This Agreement will be governed by, and construed in accordance with, the internal laws of the State of California applicable to contracts executed and performed entirely therein, without regard to the principles of choice of law or conflicts or law of any jurisdiction. If any term or other provision of this Agreement is invalid, illegal or incapable of being enforced by any rule of law or public policy, all other conditions and provisions of this Agreement will nevertheless remain in full force and effect so long as the economic or legal substance of the transactions contemplated hereby is not affected in any manner materially adverse to any party. Upon such determination that any term or other provision is invalid, illegal or incapable of being enforced, the parties hereto will negotiate in good faith to modify this Agreement so as to effect the original intent of the parties as closely as possible in a mutually acceptable manner in order that the transactions contemplated hereby be consummated as originally contemplated to the greatest extent possible. This Agreement may be executed in one or more counterparts, and by the different parties hereto in separate counterparts, each of which when executed will be deemed to be an original but all of which taken together will constitute one and the same agreement.

> PATENT REEL: 015415 FRAME: 0713

IN WITNESS WHEREOF, Assignor has caused this Assignment of Patent Rights to be executed by its duly authorized representatives effective as of the date first written above.

## NATIONAL SEMICONDUCTOR CORPORATION

Vame

Name: John M. Clark III

Title:

Senior Vice President and Secretary

STATE OF California

COUNTY OF Santa Claver

On this 215 day of August, 2003, before me, a Notary Public in and for said State, personally appeared 5000 M. Clark The personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose names(s) is are subscribed to the within instrument and acknowledged to me that he/she/they-executed the same in his/her/their-authorized capacity(ies), and that by his/her/their-signature(s) on the instrument the person(s), or entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS, my hand and official seal.

KAREN L. METZ
Commission # 1417885
Notary Public - California Santa Clara County
My Comm. Expires Jun 11, 2007

Haren L. Me Notary Public

Patent Number	6,684,321
Issue Date	09/477,094 01/27/2004
Filing Date Serial No.	09/477,094
Filing Date	Granted 01/04/2000
Status	Granted
Inventors	Brian Falardeau
Title	UNIFIED MEMORY ARCHITECTURE FOR USE BY AMAIN PROCESSOR AND AN EXTERNAL PROCESSOR AND METHOD OF OPERATION
Docket Number	1458-P04375

**RECORDED: 12/01/2004** 

**PATENT REEL: 015415 FRAME: 0715**