

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>John B. Halbert</td> <td>01/30/2001</td> </tr> <tr> <td>Randy M. Bonella</td> <td>01/30/2001</td> </tr> </tbody> </table>	Name	Execution Date	John B. Halbert	01/30/2001	Randy M. Bonella	01/30/2001	
Name	Execution Date						
John B. Halbert	01/30/2001						
Randy M. Bonella	01/30/2001						
RECEIVING PARTY DATA							
Name:	Intel Corporation						
Street Address:	2200 Mission College Blvd.						
Internal Address:	P.O. Box 58119						
City:	Santa Clara						
State/Country:	CALIFORNIA						
Postal Code:	95052						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Patent Number:</td> <td>6487102</td> </tr> </tbody> </table>	Property Type	Number	Patent Number:	6487102			
Property Type	Number						
Patent Number:	6487102						
CORRESPONDENCE DATA							
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Total Attachments: 2 source=5038-0062 Assignment signed#page1.tif source=5038-0062 Assignment signed#page2.tif							

OP \$40.00 6487102

ASSIGNMENT

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Assignee: Intel Corporation (a Delaware corporation)
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**Title of
Invention:** MEMORY MODULE HAVING BUFFER FOR ISOLATING
STACKED MEMORY DEVICES

U.S. Patent Application:

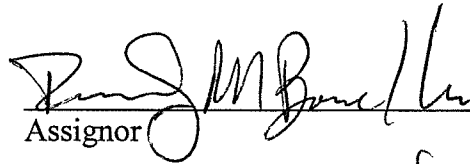
Application Serial No.: 60/232,596

Filing Date: September 14, 2000

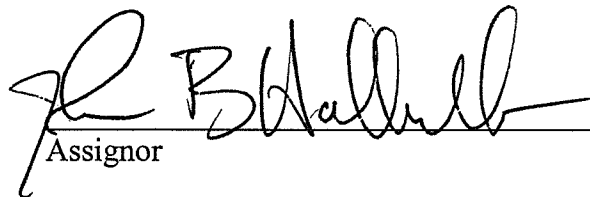
For good and valuable consideration, the receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to Assignee, the full and exclusive right, title and interest in and to the above-identified invention, patent application and patent rights throughout the world, including foreign patent priority rights; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues and extensions thereof, to be held and enjoyed by Assignee, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and covenant that Assignor has full right so to do, and agree that Assignor will communicate to Assignee, or its successors and assigns, any facts known to Assignor respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid Assignee, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

In the event that the patent application filing date or serial number is not known at the time this document is executed, Assignor hereby grants permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this assignment after such information is added.

Executed at Intel, this 30th day of January, 2001.


Assignor

Executed at Intel, this 30th day of January, 2001.


Assignor