

03-28-2002

PATENT APPLICATION
Docket No.5038-174

IN THE UNITED

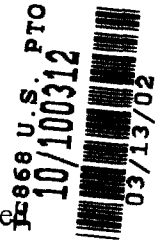


MARK OFFICE

102035183

BOX ASSIGNMENT

Commissioner of Patents and Trademarks
Washington, D.C. 20231



Please record the attached original document or copy thereof and return the recorded instrument to the undersigned.

1. Name of parties conveying an interest: *3-18-02*
- (1) John B. Halbert
 - (2) James M. Dodd
 - (3) Chung Lam
 - (4) Randy M. Bonella
 - (5) Thomas J. Holman

2. Name and address of party receiving an interest: Intel Corporation
2200 Mission College Blvd.
P.O. Box 58119
Santa Clara, CA 95052-8119

3. Description of the interest conveyed:

Assignment Change of Name Security Agreement Merger

- Date of execution of attached document:
- (1) 3/1/02
 - (2) 8/29/01
 - (3) 2/24/02
 - (4) 12/3/01
 - (5) 9/6/01

4. Application number(s) or patent number(s). Additional sheet attached? Yes ___ No X

If this document is being filed together with a new application, the execution date of the application is: March 13, 2002.

A. Patent Application No. *10,100,312* B. Patent No.

5. Name and address of party to whom correspondence concerning document should be mailed:

James E. Harris
MARGER JOHNSON & McCOLLOM, P.C.
1030 S.W. Morrison Street
Portland, Oregon 97205
Telephone: (503) 222-3613

6. Number of applications and patents involved: 1

03/22/2002 MBIZJNES 00000023 10100312

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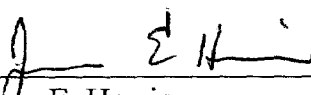
40.00 DP

7. Enclosed PTO Form 2038 authorizing payment for Assignment recordation (\$40) and filing fee (\$830).
8. Any deficiency or overpayment should be charged or credited to deposit account number 13-1703.
9. 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.

Dated:

Respectfully submitted,

MARGER JOHNSON & McCOLLOM, P.C.



James E. Harris
Reg. No. 40,013

Total number of pages comprising
cover sheet and attached assignment: 16

MARGER JOHNSON & McCOLLOM, P.C.
1030 SW Morrison Street
Portland, Oregon 97205
Telephone: 503-222-3613

ASSIGNMENT

Assignor: John B. Halbert
15045 SW Emerald Court
Beaverton, OR 97007

Assignor: Chung Lam
560 Dory Lane
Redwood City, CA 94065

Assignor: James M. Dodd
4561 Barnett Ranch Rd.
Shingle Springs, CA 95685

Assignor: Randy M. Bonella
4122 SW Garden Home Rd.
Portland, OR 97219

Assignor: Thomas J. Holman
3048 NW Bauer Woods Drive
Portland, OR 97229

Assignee: Intel Corporation (a Delaware corporation)

Address: 2200 Mission College Blvd.
P.O. Box 58119
Santa Clara, CA 95052-8119

**Title of
Invention:** **DUAL-PORT BUFFER-TO-MEMORY INTERFACE**

U.S. Patent Application:

Application Serial No.: _____

Filing Date: Herewith

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 _____, this _____ day of _____, 2001.

John B. Halbert
Assignor

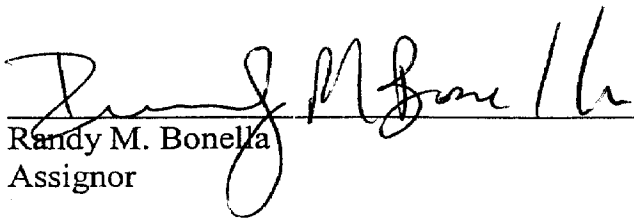
Executed at _____, this _____ day of _____, 2001.

James M. Dodd
Assignor

Executed at _____, this _____ day of _____, 2001.

Chung Lam
Assignor

Executed at Intel, this 3rd day of December, 2001.



Randy M. Bonella
Assignor

Executed at _____, this _____ day of
_____, 2001.

Thomas J. Holman
Assignor

ASSIGNMENT

Assignor: John B. Halbert
15045 SW Emerald Court
Beaverton, OR 97007

Assignor: Chung Lam
560 Dory Lane
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Assignor: James M. Dodd
4561 Barnett Ranch Rd.
Shingle Springs, CA 95685

Assignor: Randy M. Bonella
4122 SW Garden Home Rd.
Portland, OR 97219

Assignor: Thomas J. Holman
3048 NW Bauer Woods Drive
Portland, OR 97229

Assignee: Intel Corporation (a Delaware corporation)

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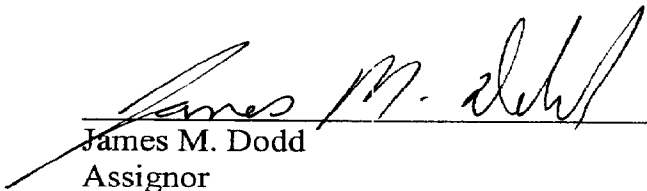
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Executed at _____, this _____ day of _____, 2001.

John B. Halbert
Assignor

Executed at Folsom, CA, this 29th day of August, 2001.



James M. Dodd
Assignor

Executed at _____, this _____ day of _____, 2001.

Chung Lam
Assignor

Executed at _____, this _____ day of _____, 2001.

Randy M. Bonella
Assignor

Executed at _____, this _____ day of
_____, 2001.

Thomas J. Holman
Assignor

ASSIGNMENT

Assignor: John B. Halbert
15045 SW Emerald Court
Beaverton, OR 97007

Assignor: Chung Lam
560 Dory Lane
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4561 Barnett Ranch Rd.
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Portland, OR 97229
9-6-01

Assignee: Intel Corporation (a Delaware corporation)

Address: 2200 Mission College Blvd.
P.O. Box 58119
Santa Clara, CA 95052-8119

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Executed at _____, this _____ day of _____, 2001.

John B. Halbert
Assignor

Executed at _____, this _____ day of _____, 2001.

James M. Dodd
Assignor

Executed at _____, this _____ day of _____, 2001.

Chung Lam
Assignor

Executed at _____, this _____ day of _____, 2001.

Randy M. Bonella
Assignor

Executed at Intel, Hillsboro, OR, this 6th day of
Sept., 2001.

Thomas J. Holman

Thomas J. Holman

Assignor

ASSIGNMENT

Assignor: John B. Halbert
15045 SW Emerald Court
Beaverton, OR 97007

Assignor: Chung Lam
560 Dory Lane
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Assignor: James M. Dodd
4561 Barnett Ranch Rd.
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Assignor: Randy M. Bonella
4122 SW Garden Home Rd.
Portland, OR 97219

Assignor: Thomas J. Holman
3048 NW Bauer Woods Drive
Portland, OR 97229

Assignee: Intel Corporation (a Delaware corporation)

Address: 2200 Mission College Blvd.
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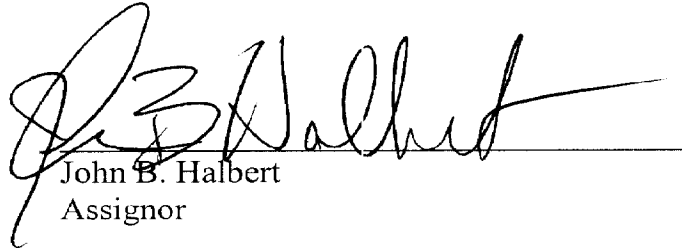
Filing Date: Herewith

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Executed at Hillsboro, this 1 day of March, 2002.


John B. Halbert
Assignor

Executed at _____, this _____ day of _____, 2001.

James M. Dodd
Assignor

Executed at _____, this _____ day of _____, 2001.

Chung Lam
Assignor

Executed at _____, this _____ day of _____, 2001.

Randy M. Bonella
Assignor

Executed at _____, this _____ day of
_____, 2001.

Thomas J. Holman
Assignor

ASSIGNMENT

Assignor: John B. Halbert
15045 SW Emerald Court
Beaverton, OR 97007

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560 Dory Lane
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4561 Barnett Ranch Rd.
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Assignor: Randy M. Bonella
4122 SW Garden Home Rd.
Portland, OR 97219

Assignor: Thomas J. Holman
3048 NW Bauer Woods Drive
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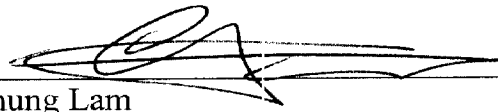
Executed at _____, this _____ day of _____, 2001.

John B. Halbert
Assignor

Executed at _____, this _____ day of _____, 2001.

James M. Dodd
Assignor

Executed at SANTA CLARA, this 24 day of February, 2001. 



Chung Lam
Assignor

Executed at _____, this _____ day of _____, 2001.

Randy M. Bonella
Assignor

Executed at _____, this _____ day of
_____, 2001.

Thomas J. Holman
Assignor