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09/046941



03/23/98

MRD 3-23-98

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Randy M. Bonella Peter D. MacWilliams Konrad K. Lai

2. Name and address of receiving party(ies): Name: Intel Corporation

Additional name(s) of conveying party(ies) attached? Yes No

Internal Address:

3. Nature of conveyance:

- Assignment Merger Security Agreement Change of Name Other

Street Address: 2200 Mission College Blvd.

City Santa Clara State CA ZIP 95052

Execution Date: 3/10/98,3/15/98,3/20/98

Additional name(s) & address(es) attached? Yes No

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: 3/10/98,3/15/98,3/20/98

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Blakely, Sokoloff, Taylor & Zafman

Internal Address:

Street Address: 12400 Wilshire Blvd.

7th Floor

City: Los Angeles State: CA ZIP: 90025

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

- Enclosed Authorized to be charged to deposit account

8. Deposit account number:

02-2666

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

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.

Reg. No.: 39,384

Steven R. Sponseller

Name of Person Signing

Signature

3-23-98

Date

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

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

Attorney Docket No.: 42390.P4152

LJV/ccm (1/31/96)

Attorney's Docket
No.: 42390.P4152

ASSIGNMENT

PATENT

(For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We,
the undersigned, Randy M. Bonella, Peter D. MacWilliams, and Konrad K. Lai,
hereby sell, assign, and transfer to Intel Corporation
a corporation of Delaware, having a principal place of business at
2200 Mission College Blvd., Santa Clara, CA 95052, ("Assignee"),
and its successors, assigns, and legal representatives, the entire right, title, and interest for the
United States and all foreign countries, in and to any and all improvements that are disclosed in
the application for the United States patent that has been executed by the undersigned prior
hereto or concurrently herewith on the dates indicated below and is entitled:

**METHOD AND APPARATUS FOR RETRIEVING DATA FROM A DATA STORAGE
DEVICE**

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

3/14, 1998
Date

Randy M. Bonella
Name: Randy M. Bonella

3/15, 1998
Date

Peter D. MacWilliams
Name: Peter D. MacWilliams

3/20, 1998
Date

Konrad K. Lai
Name: Konrad K. Lai

Each Inventor:
Please also list the
date that you
signed the
accompanying
DECLARATION
AND POWER OF
ATTORNEY:

March 10, 1998
Date

3/10, 1998
Date

3/20, 1998
Date