

4/11/02



04-17-2002

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FORM PTO-1595
(Rev. 03/01)

OMD No. 0651-0027 (exp. 5/31/2002)



102057608

Patent documents or copy thereof.

To the Honorable Commissioner of Patent

1. Name of conveying party(ies):

**Josh B. Mastronarde; Aditya Sreenivas;
Thomas A. Piazza**

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

Name: **Intel Corporation**

Internal Address: _____

Additional name(s) of conveying party(ies) attached?

No Yes

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Street Address: **2200 Mission College Boulevard**

City: **Santa Clara** State: **CA** ZIP: **95052**

Execution Date: 03/14/02, 03/19/02

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

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)

B. Patent No.(s)

10/038,941

Additional numbers attached? No Yes

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 Boulevard, 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 is true and correct and any attached copy is a true copy of the original document.

Eric S. Hyman, Reg. No. 30,139

Name of Person Signing

Signature

Date 3/21/02

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

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

Attorney Docket No. 42390P12919
(5/27/1997)

04/16/2002 LMUELLER 00000200 10038941

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PATENT
REEL: 012787 FRAME: 0163

ASSIGNMENT

(For Execution After ~~Filing~~ Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned:

Josh B. Mastronarde; Aditya Sreenivas; Thomas A. Piazza

hereby sell, assign, and transfer to:

Intel Corporation

a corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, California 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 inventions, improvements and/or designs that are disclosed in the application for the United States patent that was filed December 31, 2001, and assigned Application No. 10/038,941 and is entitled:

A MEMORY ARBITER WITH GRACE AND CEILING PERIODS AND INTELLIGENT PAGE GATHERING LOGIC

and in and to said application and all divisional, continuing, substitute, renewal, reissue, 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 and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions, improvements and/or designs; 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 inventions, improvements and/or designs 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, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, improvements and/or designs; 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 inventions, improvements and/or designs and for vesting title to said improvements, and all applications for patents and all patents on said inventions, improvements and/or designs, 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:

2/19/2002
Date:

Josh B. Mastronarde
Name: **Josh B. Mastronarde**

03/14/02
Date:

Aditya Sreenivas
Name: **Aditya Sreenivas**

03/14/02
Date:

Thomas A. Piazza
Name: **Thomas A. Piazza**

Date:

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Date:

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Date:

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