

6/28/04



07-02-2004



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FORM PTO-1595 (Rev. 10/02) OMD No. 0651-0011 (exp. 6/30/2005) Recordation PA

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

1. Name of conveying party(ies): David S. De Lorenzo; Stephen W. Montgomery; Warren R. Morrow; Robin Steinbrecher

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

Name: Intel Corporation

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

[X] No [ ] Yes

Internal Address:

Street Address: 2200 Mission College Boulevard

3. Nature of Conveyance:

- [X] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name [ ] Other

City: Santa Clara State: CA Zip: 95052

Country: USA

Execution Date: 9/19/03, 9/26/03, 9/29/03, 11/5/03

Additional name(s) & address(es) attached? [X] 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)

10/606,514

B. Patent No.(s)

Additional numbers attached? [X] No [ ] Yes

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

Name: Blakely, Sokoloff, Taylor & Zafman LLP

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

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Paul A. Mendonsa

Name of Person Signing

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June 23, 2004

Date

Total number of pages including cover sheet, attachments, and document: 5

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Docket No. 42P15056

PATENT REEL: 015518 FRAME: 0760

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FORM PTO-159  
(Rev. 10/02)  
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To the Honorable Commissioner of Patents and Trademarks. Please record in \_\_\_\_\_ documents or copy thereof.

1. Name of conveying party(ies):  
**David S. De Lorenzo; Stephen W. Montgomery; Warren R. Morrow; Robin Steinbrecher**

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

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

Internal Address:  
Street Address: **2200 Mission College Boulevard**

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other

City: **Santa Clara** State: **CA** Zip: **95052**  
Country: **USA**

Execution Date: 9/19/03, 9/26/03, 9/29/03, 11/5/03

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)  
**10/606,514**

B. Patent No.(s)  
Additional numbers attached?  No  Yes

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

Name: **Blakely, Sokoloff, Taylor & Zafman LLP**  
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**  
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8. Deposit Account Number:  
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**Gregory D. Caldwell**  
Name of Person Signing

**November 12, 2003**  
Date

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Docket No. 42P15056

**PATENT**  
**REEL: 015518 FRAME: 0761**

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Attorney's Docket No.: 42P15056

## **ASSIGNMENT**

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

**David S. De Lorenzo; Stephen W. Montgomery; Warren R. Morrow; Robin Steinbrecher**

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 USA ("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 and improvements that are disclosed in the application for the United States patent filed on June 25, 2003, and assigned Application No. 10/606,514 and is entitled:

#### **METHOD AND APPARATUS FOR MEMORY BANDWIDTH THERMAL BUDGETTING**

and in and to said application and all design, utility, divisional, continuing, continuation-in-part, 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 inventions and 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 and improvements; and in and to all rights of priority from the filing of said United States applications;

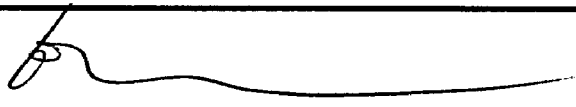
agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and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

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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:**

11/05/2003



Date

Name: **David S. De Lorenzo**

Date

Name: **Stephen W. Montgomery**

Date

Name: **Warren R. Morrow**

Date

Name: **Robin Steinbrecher**

Date

Name:

Date

Name:

Date

Name:

Date

Name:

Date

Name:

Date

Name:

Date

Name:

**Assignment Document Return Address:**  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
12400 Wilshire Blvd., Seventh Floor  
Los Angeles, CA 90025-1026  
Telephone: (503) 684-6200

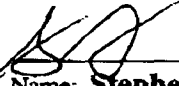
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**Each Inventor: Please Sign and Date Below:**

Date Name: **David S. De Lorenzo**

9/26/03



Date Name: **Stephen W. Montgomery**

Date Name: **Warren R. Morrow**

9-29-03



Date Name: **Robin Steinbrecher**

Date Name:

Date Name:

Date Name:

Date Name:

Date Name:

Date Name:

Date Name:

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**Each Inventor: Please Sign and Date Below:**

Date \_\_\_\_\_ Name: **David S. De Lorenzo**

Date \_\_\_\_\_ Name: **Stephen W. Montgomery**

Date 9/19/2003 Name: Warren R. Morrow

Date \_\_\_\_\_ Name: **Robin Steinbrecher**

Date \_\_\_\_\_ Name: \_\_\_\_\_

Date \_\_\_\_\_ Name: \_\_\_\_\_

Date \_\_\_\_\_ Name: \_\_\_\_\_

Date \_\_\_\_\_ Name: \_\_\_\_\_

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Date \_\_\_\_\_ Name: \_\_\_\_\_

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