09-07-2004

EPARTMENT OF COMMERCE FORM **PTO-1595** Reco 102829935 (Rev. 10/02) OMD No. 0651-0011 (exp. 6/30/2005) Patent and Trademark Office To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Richard L. Coulson; Jonathan C. Lueker Name: Intel Corporation Internal Address: Additional name(s) of conveying party(ies) attached? No ☐ Yes Street Address: 2200 Mission College Boulevard. Nature of Conveyance: ★ Assignment ☐ Merger City: Santa Clara State: CA Zip: 95052 ☐ Security Agreement ☐ Change of Name Country: USA Execution Date: 8/27 and 8/30/2004 Additional name(s)& address(es) attached?

▼ No □ Yes 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: 8/30/2004 A. Patent Application No.(s) B. Patent No.(s) 10/877914 Additional numbers attached? ■ No □ Yes 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Blakely, Sokoloff, Taylor & Zafman LLP 7. Total Fee (37 CFR 3.41).....\$ 40.00 ☐ Enclosed Internal Address: ☐ Authorized to be charged to deposit account 12400 Wilshire Boulevard Street Address: 7th Floor 8. Deposit Account Number: 02-2666 ZIP: 90025 City: Los Angeles State: CA (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 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 Gregory D. Caldwell August 30, 2004 Name of Person Signing Date Total number of pages including cover sheet, attachments, and document:

Mail documents to be recorded with required cover sheet information to:

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Docket No. 42P19081

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> PATENT REEL: 015752 FRAME: 0240

Attorney's Docket No.: 42P19081

ASSIGNMENT

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

Richard L. Coulson; Jonathan C. Lueker

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, 2004, and assigned Application No. 10/877914 and is entitled:

TEMPERATURE ADAPTIVE FERRO-ELECTRIC MEMORY ACCESS PARAMETERS

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, power 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 Assignce, its successors, assigns, and legal representatives; and

42P19081

Page 1 of 2

PATENT REEL: 015752 FRAME: 0241 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:

| 0/30/04 | \mathcal{M} |
|---------|--------------------------|
| Date | Name: Richard L. Coulson |
| 8/27/04 | Add Jal |
| Date ' | Name: Jonathan C. Lucker |
| Date | Name: |

Assignment Document Return Address: BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 12400 Wilshire Boulevard, 7th Floor Los Angeles, CA 90025

Telephone: (503) 439-8778

42P19081

Page 2 of 2

PATENT REEL: 015752 FRAME: 0242