

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Peter MacWilliams	10/12/2005
James Akiyama	10/24/2005
Kuljit S. Bains	10/13/2005
Douglas Gabel	09/14/2005

**RECEIVING PARTY DATA**

Name:	Intel Corporation
Street Address:	2200 Mission College Boulevard
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95052

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12974862

**CORRESPONDENCE DATA**

Fax Number: (503)439-6073  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: 503-439-8778  
 Email: katherine\_campbell@bstz.com  
 Correspondent Name: Usman A. Mughal  
 Address Line 1: 1279 Oakmead Parkway  
 Address Line 4: Sunnyvale, CALIFORNIA 94085-4040

ATTORNEY DOCKET NUMBER:	42P21756C
NAME OF SUBMITTER:	Usman A. Mughal

Total Attachments: 5  
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**PATENT**  
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## **ASSIGNMENT**

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

**Peter MacWilliams; James Akiyama; Kuljit S. Bains; Douglas Gabel**

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 United States ("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 30, 2005, and assigned Application No. 11/174,236 and is entitled:


### **IDENTIFYING AND ACCESSING INDIVIDUAL MEMORY DEVICES IN A MEMORY CHANNEL**

and in and to said application and all provisional, 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 provisional, 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 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:

10/12/05   
Date Name: **Peter MacWilliams**

\_\_\_\_\_  
Date Name: **James Akiyama**

\_\_\_\_\_  
Date Name: **Kuljit S. Bains**

\_\_\_\_\_  
Date Name: **Douglas Gabel**

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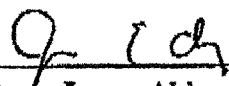
\_\_\_\_\_  
Date Name:

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

Assignment Document Return Address:  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
12400 Wilshire Boulevard, 7th Floor  
Los Angeles, CA 90025  
Telephone: (714) 557-3800

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_____ Date	_____ Name: Peter MacWilliams
10/24/05 Date	 Name: James Akiyama
_____ Date	_____ Name: Kuljit S. Bains
_____ Date	_____ Name: Douglas Gabel
_____ Date	_____ Name:
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Date \_\_\_\_\_ Name: **James Akiyama**

OCT 13 2005 \_\_\_\_\_  
Date \_\_\_\_\_ Name: **Kuljit S. Bains**

Date \_\_\_\_\_ Name: **Douglas Gabel**

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Date \_\_\_\_\_ Name: **Kuljit S. Bains**

9-14-2005 \_\_\_\_\_  
Date \_\_\_\_\_ Name: **Douglas Gabel**

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

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

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

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