

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Swaminathan P. Muthukumar</td> <td>12/13/2006</td> </tr> <tr> <td>Achutha KiranKumar Madhunapantula</td> <td>12/13/2006</td> </tr> <tr> <td>Thomas Tessil</td> <td>12/13/2006</td> </tr> <tr> <td>Mitra Sambaran</td> <td>12/13/2006</td> </tr> <tr> <td>Joshi P. Chandra</td> <td>12/13/2006</td> </tr> </tbody> </table>		Name	Execution Date	Swaminathan P. Muthukumar	12/13/2006	Achutha KiranKumar Madhunapantula	12/13/2006	Thomas Tessil	12/13/2006	Mitra Sambaran	12/13/2006	Joshi P. Chandra	12/13/2006
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CORRESPONDENCE DATA													
<p>Fax Number: (503)439-6073 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 503-439-8778</p> <p>Email: leslie_ray@bstz.com</p> <p>Correspondent Name: BST&Z</p> <p>Address Line 1: 1279 Oakmead Parkway</p> <p>Address Line 4: Sunnyvale, CALIFORNIA 94085</p>													
ATTORNEY DOCKET NUMBER:	42P22931												
NAME OF SUBMITTER:	Eric S. Hiponia												

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PATENT
REEL: 024831 FRAME: 0981

Total Attachments: 3

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ASSIGNMENT

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

**Swaminathan P. Muthukumar; Achutha KiranKumar Madhunapantula; Thomas Tessil;
Mitra Sambaran; Joshi P. Chandra**

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 that has been executed by the undersigned prior hereto or concurrently herewith and is entitled:

Method and Apparatus for Scrubbing Memory

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.

I hereby authorize the above designated assignee to insert here in parenthesis (_____) the filing date and application number of any of said applications when known.

Each Inventor: Please Sign and Date Below:

13 Dec 2006 
Date Name: **Swaminathan P. Muthukumar**

13 Dec 2006 
Date Name: **Achutha KiranKumar Madhunapantula**

13 DEC 2006 
Date Name: **Thomas Tessil**

Date Name: **Mitra Sambaran**

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Date Name: **Joshi P. Chandra**

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Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
12400 Wilshire Boulevard, 7th Floor
Los Angeles, CA 90025
Telephone: (503) 439-8778

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