

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Brian S Doyle</td> <td>03/28/2007</td> </tr> <tr> <td>Robert S. Chau</td> <td>03/28/2007</td> </tr> <tr> <td>Vivek De</td> <td>05/24/2007</td> </tr> <tr> <td>Suman Datta</td> <td>03/28/2007</td> </tr> <tr> <td>Dinesh Somasekhar</td> <td>05/24/2007</td> </tr> </tbody> </table>		Name	Execution Date	Brian S Doyle	03/28/2007	Robert S. Chau	03/28/2007	Vivek De	05/24/2007	Suman Datta	03/28/2007	Dinesh Somasekhar	05/24/2007
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Intel Corporation</td> </tr> <tr> <td>Street Address:</td> <td>2200 Mission College Boulevard</td> </tr> <tr> <td>City:</td> <td>Santa Clara</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95052</td> </tr> </table>		Name:	Intel Corporation	Street Address:	2200 Mission College Boulevard	City:	Santa Clara	State/Country:	CALIFORNIA	Postal Code:	95052		
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CORRESPONDENCE DATA													
<p>Fax Number: (408)720-8383</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 4087208300</p> <p>Email: adriena_garcia@bstz.com</p> <p>Correspondent Name: Tatiana Rossin</p> <p>Address Line 1: 1279 Oakmead Parkway</p> <p>Address Line 4: Sunnyvale, CALIFORNIA 94085</p>													
ATTORNEY DOCKET NUMBER:	42P25275D												
NAME OF SUBMITTER:	Tatiana Rossin												

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PATENT
REEL: 024155 FRAME: 0759

Total Attachments: 4

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ASSIGNMENT

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

Brian S. Doyle, Robert S. Chau, Vivek De, Suman Datta, Dinesh Somasekhar

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 entitled:

INCREASING THE SURFACE AREA OF A MEMORY CELL CAPACITOR

the Declaration for which has been executed by the undersigned prior hereto or concurrently herewith, said patent application which can also be identified as follows (if necessary):

(I hereby authorize and request my attorney, associated with Customer Number 45209, to insert on the designated lines below, the filing date and application number of said application when known.)

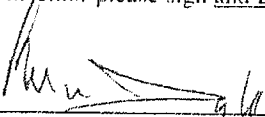
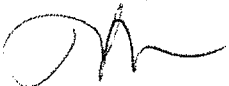
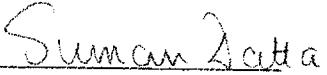
United States Patent Application Number 11/731,193 filed on March 30, 2007.

and in and to said application (nonprovisional or provisional) and all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all nonprovisional applications claiming priority to said application, 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 resulting 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

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	
 Brian S. Doyle	<u>3/28/07</u> (Today's Date)
 Robert S. Chau	<u>3/28/07</u> (Today's Date)
 Vivek De	 (Today's Date)
 Suman Datta	<u>3/28/07</u> (Today's Date)
 Dinesh Somasekhar	 (Today's Date)

Attorney Docket No.: P25275

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<u>Suman Datta</u>	<u>(Today's Date)</u>
<u>Dinesh</u> Dinesh Somasekhar	<u>May 24th 2007</u> (Today's Date)