

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jian Tang</td> <td>03/31/2008</td> </tr> <tr> <td>Yufu Li</td> <td>03/31/2008</td> </tr> <tr> <td>Ping Wu</td> <td>03/31/2008</td> </tr> </tbody> </table>		Name	Execution Date	Jian Tang	03/31/2008	Yufu Li	03/31/2008	Ping Wu	03/31/2008
Name	Execution Date								
Jian Tang	03/31/2008								
Yufu Li	03/31/2008								
Ping Wu	03/31/2008								
<b>RECEIVING PARTY DATA</b>									
Name:	Intel Corporation								
Street Address:	2200 Mission College Blvd.								
City:	Santa Clara								
State/Country:	CALIFORNIA								
Postal Code:	95052								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12006017</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12006017				
Property Type	Number								
Application Number:	12006017								
<b>CORRESPONDENCE DATA</b>									
Fax Number:	(612)332-8352								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	512-288-6635								
Email:	rbailey@cpaglobal.com								
Correspondent Name:	Schubert Osterrieder & Nickelson PLLC								
Address Line 1:	c/o CPA Global								
Address Line 2:	PO Box 52050								
Address Line 4:	Minneapolis, MINNESOTA 55402								
ATTORNEY DOCKET NUMBER:	P26704 (4100)								
NAME OF SUBMITTER:	Rachelle Bailey								
Total Attachments: 2 source=P26704 Executed Assignment#page1.tif									

CH \$40.00 12006017

**500848258**

**PATENT  
 REEL: 022617 FRAME: 0972**



### ASSIGNMENT

WHEREAS, We, Jian Tang, residing at Rm 1501, No. 2, Lane 661, LongChang Road, Shanghai, China, and Yufu Li, residing at Rm 602, No. 8, Lane 675, San Lin Rd, Shanghai China, and Ping Wu, residing at Rm 402, No. 8, Lane 1107, Lian Hua Rd, Shanghai China, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on December 28, 2007, which application was assigned U.S. patent application serial number 12/006,017, and is entitled METHODS AND ARRANGEMENTS TO REMAP NON-VOLATILE STORAGE;

AND WHEREAS, Intel Corporation, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 2200 Mission College Blvd., Santa Clara, CA 95052 (hereinafter 'Assignee'), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 31 day of 3, 2008.

Jian Tang  
Jian Tang

IN TESTIMONY WHEREOF, I have hereunto set my hand this 31 day of 3, 2008.

Yufu Li  
Yufu Li

IN TESTIMONY WHEREOF, I have hereunto set my hand this 31 day of 3, 2008.

Ping Wu  
Ping Wu