

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Kevin S. Petrarca</td><td>08/05/2008</td></tr><tr><td>John C. Petrus</td><td>08/05/2008</td></tr><tr><td>Karl W. Barth</td><td>08/05/2008</td></tr><tr><td>Kaushik A. Kumar</td><td>08/07/2008</td></tr></tbody></table>	Name	Execution Date	Kevin S. Petrarca	08/05/2008	John C. Petrus	08/05/2008	Karl W. Barth	08/05/2008	Kaushik A. Kumar	08/07/2008	
Name	Execution Date										
Kevin S. Petrarca	08/05/2008										
John C. Petrus	08/05/2008										
Karl W. Barth	08/05/2008										
Kaushik A. Kumar	08/07/2008										
RECEIVING PARTY DATA											
Name:	International Business Machines (IBM) Corporation										
Street Address:	New Orchard Road										
City:	Armonk										
State/Country:	NEW YORK										
Postal Code:	10504										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12112457</td></tr></tbody></table>	Property Type	Number	Application Number:	12112457							
Property Type	Number										
Application Number:	12112457										
CORRESPONDENCE DATA											
Fax Number:	(301)585-0138										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Email:	effie.hale@designlawgroup.com										
Correspondent Name:	Teresa Arroyo										
Address Line 1:	8601 Georgia Avenue										
Address Line 4:	Silver Spring, MARYLAND 20910										
ATTORNEY DOCKET NUMBER:	1773.001										
NAME OF SUBMITTER:	Teresa Arroyo										
Total Attachments: 2 source=Assignment_1773001#page1.tif source=Assignment_1773001#page2.tif											

OP \$40.00 12112457

PATENT

500643865

REEL: 021509 FRAME: 0275

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, receipt whereof is hereby acknowledged, I/we

Insert Name(s)
of Inventor(s)

1. Kevin S. Petrarca, of, Newburgh, NY USA
2. John C. Petrus, of, Standfordville, NY USA
3. Karl W. Barth, of, Poughkeepsie, NY USA
4. Kaushik A. Kumar, of, Poughkeepsie, NY USA

Insert Name(s)
of Assignee(s)

the undersigned hereby sell(s), assign(s) and transfer(s) to

International Business Machines (IBM) Corporation

Address

a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM and hereinafter designated as the Assignee)

Title of
Invention

desires to acquire the entire right, title and interest in the United States and to any United States and foreign patent application and invention to be obtained therefor, as defined in 35 USC 100, for whereas, the inventor(s) has/have invented certain improvements in

Stress Relaxation, Silicon Nitride Phase Removal

Date of
Signing of
Application

for which an application for patent in the United States has been executed by the undersigned, respectively, a United States patent application therefor on

on

1. April 22, 2008,
2. April 23, 2008,
3. April 21, 2008,
4. April 21, 2008

The above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and in all foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

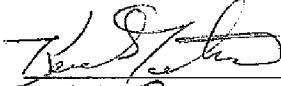
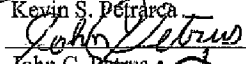
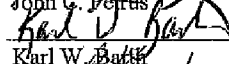
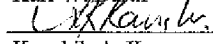
The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of SAIDMAN DesignLaw Group, LLC, 8601 Georgia Avenue, Suite 603, Silver Spring, MD 20910, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordal of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>8/5/2008</u>	 at <u>Hopewell Tct.</u> Kevin S. Petrarca City
Date <u>8/5/2008</u>	 at <u>Hopewell TCT.</u> John G. Petrus City
Date <u>8/5/2008</u>	 at <u>Hopewell TCT.</u> Karl W. Buttk City
Date <u>8/7/2008</u>	 at <u>Hopewell TCT</u> Kaushik A. Kumar City

The above application may be more particularly identified as follows:

U.S. Application Serial No. 12/112,457

Filing Date April 30, 2008

Applicant Reference Number FIS8-2007-0434

Atty Docket No. 1773.001

Title of Invention Stress Relaxation, Silicon Nitride Phase Removal