

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Scott M Mansfield</td> <td>04/22/2008</td> </tr> <tr> <td>Geng Han</td> <td>04/22/2008</td> </tr> <tr> <td>Jason E Meiring</td> <td>04/29/2008</td> </tr> <tr> <td>Dario Gil</td> <td>04/25/2008</td> </tr> </tbody> </table>		Name	Execution Date	Scott M Mansfield	04/22/2008	Geng Han	04/22/2008	Jason E Meiring	04/29/2008	Dario Gil	04/25/2008
Name	Execution Date										
Scott M Mansfield	04/22/2008										
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RECEIVING PARTY DATA											
Name:	International Business Machines Corporation										
Street Address:	New Orchard Road										
City:	Armonk										
State/Country:	NEW YORK										
Postal Code:	10504										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12113374</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12113374						
Property Type	Number										
Application Number:	12113374										
CORRESPONDENCE DATA											
Fax Number:	(845)892-6363										
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NAME OF SUBMITTER:	Yuanmin Cai										

CH \$40.00 12113374

Total Attachments: 1

500528619

**PATENT
 REEL: 020885 FRAME: 0690**

ASSIGNMENT

Whereas, we

**INVENTOR
AND CITY**

- (1) **Scott M Mansfield** of Hopewell Junction, County of Dutchess and State of New York;
- (2) **Geng Han** of Fishkill, County of Dutchess and State of New York;
- (3) **Jason E Meiring** of New Fairfield, County of Fairfield and State of Connecticut;
- (4) **Dario Gil** of Katonah, County of Westchester and State of New York

have invented certain improvements in:

TEST PATTERN BASED PROCESS MODEL CALIBRATION

**DATES THAT
INVENTORS
SIGNED THE
DECLARATION**



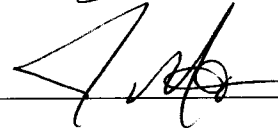
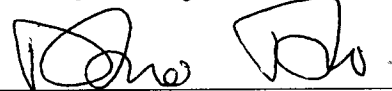
and executed, respectively, a United States patent application therefor on

- (1) 22 April, 2008, (2) 22 April, 2008,
- (3) 29 April, 2008, (4) 25 April, 2008

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, 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.

Signed and sealed

- (1)  on 22 April, 2008
- (2)  on 22 April, 2008
- (3)  on 29 April, 2008
- (4)  on 25 April, 2008