

PATENT ASSIGNMENT

Electronic Version v1.1

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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>JULIAN T. DOLBY</td><td>08/08/2007</td></tr><tr><td>CHRISTIAN J. HAMMER</td><td>08/07/2007</td></tr><tr><td>FRANK TIP</td><td>08/08/2007</td></tr><tr><td>MANDANA VAZIRI-FARAHANI</td><td>08/08/2007</td></tr></tbody></table>	Name	Execution Date	JULIAN T. DOLBY	08/08/2007	CHRISTIAN J. HAMMER	08/07/2007	FRANK TIP	08/08/2007	MANDANA VAZIRI-FARAHANI	08/08/2007	
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MANDANA VAZIRI-FARAHANI	08/08/2007										
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"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11835685</td></tr></tbody></table>	Property Type	Number	Application Number:	11835685							
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Application Number:	11835685										
CORRESPONDENCE DATA											
Fax Number:	(561)989-9812										
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ATTORNEY DOCKET NUMBER:	YOR920070275US1										
NAME OF SUBMITTER:	JOSE GUTMAN										
Total Attachments: 4											

CH 11835685 \$40.00

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PATENT
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ASSIGNMENT

Whereas, we

- (1)* Julian T. DOLBY, County of Bronx and State of New York
- (2)* Christian J. HAMMER, of Kinding, Germany
- (3)* Frank TIP, County of Bergen and State of New Jersey
- (4)* Mandana VAZIRI-FARAHANI, County of Westchester and State of New York

have invented certain improvements in

TITLE: DYNAMIC DETECTION OF ATOMIC-SET-SERIALIZABILITY VIOLATIONS

DATES THAT and executed, respectively, a United States patent application therefor on
INVENTORS
SIGNED THE (1) 8/8, 2007, (2) 8/8, 2007,
DECLARATION (3) 8/8, 2007, (4) 8/8, 2007.

and

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:

***PLEASE CHECK OR FILL IN ALL
SECTIONS WITH AN ASTERISK**

LOCATION
(City and State you are in
when signing this document)

DATE

SIGNATURE

Hawthorne, NY

8/8/07

J. T. Dolby
Julian T. DOLBY

Hawthorne, NY

8/8/07

Christian J. Hammer
Christian J. HAMMER
Frank TIP
Frank TIP

Hawthorne, NY

8/8/07

M. Vaziri
Mandana VAZIRI-FARAHANI

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DECLARATION (3) _____, 2007, (4) _____, 2007.

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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.

DOCKET NO. YOR920070275US1

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PASSAU, GERMANY

7 Aug 07

Julian T. DOLBY

Christian J. HAMMER

Frank TIP

Mandana VAZIRI-FARAHANI