

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>Hayden C. Cranford, Jr.</td><td>11/09/2006</td></tr><tr><td>Daniel J. Friedman</td><td>12/01/2006</td></tr><tr><td>Mounir Meghelli</td><td>12/01/2006</td></tr><tr><td>Thomas H. Toifl</td><td>11/08/2006</td></tr></tbody></table>		Name	Execution Date	Hayden C. Cranford, Jr.	11/09/2006	Daniel J. Friedman	12/01/2006	Mounir Meghelli	12/01/2006	Thomas H. Toifl	11/08/2006
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Daniel J. Friedman	12/01/2006										
Mounir Meghelli	12/01/2006										
Thomas H. Toifl	11/08/2006										
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>11566576</td></tr></tbody></table>		Property Type	Number	Application Number:	11566576						
Property Type	Number										
Application Number:	11566576										
CORRESPONDENCE DATA											
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	RPS920060192US1										
NAME OF SUBMITTER:	Eustace P. Isidore										

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PATENT  
REEL: 018665 FRAME: 0503

**Total Attachments: 6**

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**PATENT**

**REEL: 018665 FRAME: 0504**

TYPE DOCKET NUMBER RPS920060192US1

**ASSIGNMENT**

Whereas, we,

- (1) HAYDEN C. CRANFORD, JR. of CARY  
County of WAKE and State of NORTH CAROLINA
- (2) DANIEL J. FRIEDMAN of SLEEPY HOLLOW  
County of WESTCHESTER and State of NEW YORK
- (3) MOUNIR MEGHELLI of RIDGEFIELD  
County of FAIRFIELD and State of CONNECTICUT
- (4) THOMAS H. TOIFL of ZURICK, SWITZERLAND

have invented certain improvements in

**DIAGNOSTIC MODE FOR MARGIN TESTING ON SERIAL LINKS AND REAL TIME USE THEREOF**

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

(Dates Inventors Signed Declaration) (1) Nov. 9, (2006); (2) \_\_\_\_\_, (2006);  
(3) \_\_\_\_\_, (2006); (4) \_\_\_\_\_, (2006).

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 therefore;

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 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 invention 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.

TYPE DOCKET NUMBER RPS920060192US1

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Whereas, we,

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County of WAKE and State of NORTH CAROLINA
- (2) DANIEL J. FRIEDMAN of SLEEPY HOLLOW  
County of WESTCHESTER and State of NEW YORK
- (3) MOUNIR MEGHELLI of TARRYTOWN  
County of WESTCHESTER and State of NEW YORK
- (4) THOMAS H. TOIFL of ZURICK, SWITZERLAND

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(Dates Inventors Signed Declaration) (1) \_\_\_\_\_, (2006); (2) December 1, (2006);  
(3) 12/01, (2006); (4) \_\_\_\_\_, (2006).

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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 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 invention 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.

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(3) \_\_\_\_\_, (2006); (4) Nov-8, (2006).

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TYPE DOCKET NUMBER RPS920060192US1

(1) Signed at Durham, NC on Nov. 9, 2006.  
(City) (Date)

Hayden C. Cranford, Jr.  
HAYDEN C. CRANFORD, JR.

(2) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2006.  
(City) (Date)

DANIEL J. FRIEDMAN

(3) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2006.  
(City) (Date)

MOUNIR MEGHELLI

(4) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2006.  
(City) (Date)

THOMAS H. TOIFL

TYPE DOCKET NUMBER RPS920060192US1

(1) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2006.  
(City) (Date)

\_\_\_\_\_  
**HAYDEN C. CRANFORD, JR.**

(2) Signed at Yorktown Heights on December 1, 2006.  
(City) (Date)

*Daniel J. Friedman*  
**DANIEL J. FRIEDMAN**

(3) Signed at Yorktown Heights on 12/01, 2006.  
(City) (Date)

*Mounir Meghelli*  
**MOUNIR MEGHELLI**

(4) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2006.  
(City) (Date)

\_\_\_\_\_  
**THOMAS H. TOIFL**

(1) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2006.  
(City) (Date)

\_\_\_\_\_  
HAYDEN C. CRANFORD, JR.

(2) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2006.  
(City) (Date)

\_\_\_\_\_  
DANIEL J. FRIEDMAN

(3) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2006.  
(City) (Date)

\_\_\_\_\_  
MOUNIR MEGHELLI

(4) Signed at RUSCHLIKON on Nov-8, 2006.  
(City) (Date)

  
\_\_\_\_\_  
THOMAS H. TOIFL