

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>Daniel Joseph Martin</td><td>11/19/2007</td></tr><tr><td>Matthew Edward Duggan</td><td>11/19/2007</td></tr></tbody></table>	Name	Execution Date	Daniel Joseph Martin	11/19/2007	Matthew Edward Duggan	11/19/2007	
Name	Execution Date						
Daniel Joseph Martin	11/19/2007						
Matthew Edward Duggan	11/19/2007						
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>11942068</td></tr></tbody></table>	Property Type	Number	Application Number:	11942068			
Property Type	Number						
Application Number:	11942068						
CORRESPONDENCE DATA							
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ATTORNEY DOCKET NUMBER:	AUS920070748US1						
NAME OF SUBMITTER:	Jeffrey S. LaBaw						
Total Attachments: 2 source=AUS920070748US1Assign#page1.tif source=AUS920070748US1Assign#page2.tif							

CH \$40.00 11942068

PATENT

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REEL: 020132 FRAME: 0277

IBM DOCKET NO. AUS920070748US1

A S S I G N M E N T

Whereas, we,

(1) Daniel Joseph Martin
County of Dutchessof Pawling
and State of New York

and

(2) Matthew Edward Duggan
County of Surreyof Chertsey
and Country of the United Kingdom

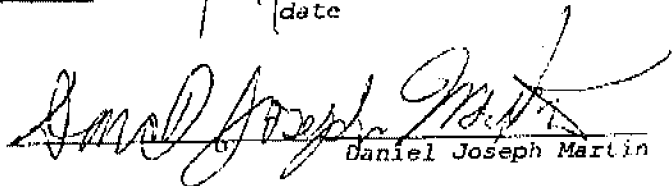
have invented certain improvements in

Method and Apparatus for Network Fault Isolationand executed, respectively, a United States patent application therefor on
(Dates Inventors Signed Declaration) (1) 11/16/07, and
(2) _____.

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 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.

(1) Signed at Pawling, N.Y. on 11/19/07
city and state date


Daniel Joseph Martin

and (2) Signed at _____ on _____
city and country date

Matthew Edward Duggan

ASSIGNMENT

Whereas, we,

(1) Daniel Joseph Martin of Pawling
County of Dutchess and State of New York

and

(2) Matthew Duggan of Chertsey
County of Surrey and Country of the United Kingdom

have invented certain improvements in

Method and Apparatus for Network Fault Isolation

and executed, respectively, a United States patent application therefore on
(Dates Inventors Signed Declaration) (1) _____, and
(2) 19 NOVEMBER 2007.

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 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.

(1) Signed at _____ on _____
city and state date

Daniel Joseph Martin

and (2) Signed at LONDON UK on 19 NOVEMBER 2007.
city and state date

Matthew Edward Duggan