

12-19-2001



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101920947

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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

12/03/01
10/006948
JG 1879 U.S. PTO

12.03.01

<p>1. Name of conveying party(ies):</p> <p>a) <u>Robert J. Dugan</u> g) _____</p> <p>b) <u>Giles R. Frazier</u> h) _____</p> <p>c) _____ i) _____</p> <p>d) _____ j) _____</p> <p>e) _____ k) _____</p> <p>f) _____ l) _____</p> <p style="text-align: right;">More names attached? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N</p>	<p>2. Name and address of receiving party(ies):</p> <p style="padding-left: 20px;">Name: INTERNATIONAL BUSINESS MACHINES CORPORATION</p> <p style="padding-left: 20px;">Address: New Orchard Road Armonk, NY 10504</p> <p style="text-align: right;">More names attached? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N</p>
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3. Nature of Conveyance: Assignment

4. Application number: 10/006948 Filed: _____

Filed with new application: yes no

Execution date(s):

a) <u>November 30, 2001</u>	g) _____
b) <u>November 30, 2001</u>	h) _____
c) _____	i) _____
d) _____	j) _____
e) _____	k) _____
f) _____	l) _____

Additional numbers attached? Y N

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p style="padding-left: 20px;">Name: <u>Floyd A. Gonzalez</u></p> <p style="padding-left: 20px;">IBM Corporation</p> <p style="padding-left: 20px;">Intellectual Property Law</p> <p style="padding-left: 20px;">2455 South Road, P386</p> <p style="padding-left: 20px;">Poughkeepsie NY 12601-5400</p>	<p>6. Total # of applications and patents involved: <u>01</u></p> <p>7. Total fee (37 CFR 3.41): \$ <u>40.00</u></p> <p>8. Charge to Deposit Account 09-0463. A duplicate copy is enclosed.</p>
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9. Statement and Signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Susan L. Nelson December 3, 2001

Signature Date

Total number of pages including cover sheet, attachments, and document: 2

Express Mail Label No. (if applicable): ET089525673US Docket No.: POU920010169US1

A S S I G N M E N T

Whereas, we

(1) Robert J. Dugan of Hyde Park
 County of Dutchess and State of New York

And

(2) Giles R. Frazier of Austin
 County of Travis and State of Texas

have invented certain improvements in METHOD AND APPARATUS FOR OBTAINING
 MULTIPLE PORT ADDRESSES BY A FIBRE CHANNEL FROM A NETWORK FABRIC

and executed a United States Patent Application therefor on

(1) Nov 30, 2001 (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 the 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 Patents granted upon the invention set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed

(1) at Poughkeepsie, NY
 on 11/30/01



 Robert J. Dugan

(2) at Austin, TX
 on _____

 Giles R. Frazier

no 101 16:05 FR

IBM Docket No: PDU920010165US1

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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 the 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 Patents granted upon the invention set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed

(1) at Poughkeepsie, NY
on

Robert J. Dugan

(2) at Austin, TX
on 11/30/01

Giles R. Frazier
Giles R. Frazier