

MWD 11-23-99

12-09-1999

Docket No.: 12949 (YO999-394)

FORM PTO-1595 (Modified)
(Rev. 1-93)
OMB No. 0651-0011 (exp 4/94)
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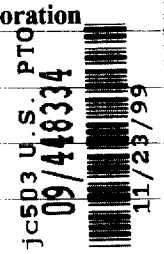
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
William J. Anzick **Frank A. Schaffa**
Jose R. Brunheroto
Frans Laemen
Julio Nogima
Additional names(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: **International Business Machines Corporation**
Address: _____
City: **Armonk** State/Prov.: **NY**
Country: **USA** ZIP: **10504**
Additional name(s) & address(es) attached? Yes No



3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: **Nov. 11/16, 1999**

4. Application number(s) or registration numbers(s):
If this document is being filed together with a new application, the execution date of the application is: **Nov. 11/16, 1999**
Patent Application No. Filing date B. Patent No.(s)
09448334
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: **Ricahard L. Catania**
Registration No. **32,608**
Address: **SCULLY, SCOTT, MURPHY & PRESSER**
400 Garden City Plaza
City: **Garden City** State/Prov.: **NY**
Country: **USA** ZIP: **11530**

6. Total number of applications and patents involved: **1**
7. Total fee (37 CFR 3.41):.....\$ **40.00**
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account
 Authorized to be charged to deposit account
8. Deposit account number:
50-0510/IBM

12/09/1999 DNGUYEN 00000027 500510 09448334

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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.
Richard L. Catania, Reg. No. 32,608 **November 23, 1999**
Name of Person Signing Signature Date
Total number of pages including cover sheet, attachments, and document: **4**

(JOINT FORM)
(MORE THAN ONE)

Assignment

Whereas, we

Inventor and City	(1) Jose R. Brunheroto County of Westchester	of Hawthorne and State of New York
Inventor and City	(2) Frans Laemen County of Westchester	of Ossining and State of New York
Inventor and City	(3) Julio Nogima County of Westchester	of White Plains and State of New York
Inventor and City	(4) Frank A. Schaffa County of Westchester	of Hartsdale and State of New York
Inventor and City	(5) William J. Anzick County of Putnam	of Mahopac and State of New York

have invented certain improvements in

TITLE METHOD AND APPARATUS FOR MULTIPLEXING A MULTITUDE OF SEPARATE DATA STREAMS INTO ONE SHARED DATA CHANNEL, WHILE MAINTAINING CBR REQUIREMENTS

and executed, respectively, a United States patent application therefor on
DATES THAT (1) 11-16-99 1999, and (2) 11-11-99 1999, and (3) 11-16-99 1999, and
INVENTORS (4) 11-11-99 1999 and (5) 11/16/99, 1999.
SIGNED THE
DECLARATION

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 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.

CITY	(1) at	<u>Hawthorne, NY</u>	<u>Jose R. Brunheroto</u>	SIGNATURE
DATE	on	<u>November 16</u>	(Jose R. Brunheroto)	INVENTOR
		1999.	FIRST NAME MIDDLE INITIAL LAST NAME	

Signed and sealed
CITY and (2) at Hawthorne, NY) SIGNATURE
DATE on NOVEMBER 11, 1999, (Frans) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

Signed and sealed
CITY and (3) at Hawthorne, NY) SIGNATURE
DATE on November 16 1999, (Julio) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

Signed and sealed
CITY and (4) at HAWTHORNE, NY) SIGNATURE
DATE on 11/11/99 1999, (Frank A. Schaffa) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

Signed and sealed
CITY and (4) at Hawthorne, NY) SIGNATURE
DATE on November 16 1999, (William J. Anzick) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

State of New York) ss.:
County of Westchester)

INVENTOR (1) On this 16th day of NOVEMBER 1999, before me personally came Jose R. Brunheroto to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Mae K. Lemke
Notary Public, State of New York
No. 01LE6003456
County of Westchester
Commission Expires March 02 2000

Mae K Lemke
Notary

State of NEW YORK) ss.:
County of WESTCHESTER)

INVENTOR (2) On this 11TH day of NOVEMBER 1999, before me personally came Frans Laemen to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Erica Borgelt
Notary

ERICA BORGELT
Notary Public, State of New York
No. 01B05078352
Qualified in Westchester County
Commission Expires May 27, 2001

State of New York) ss.:
County of Westchester)

On this 16th day of November 1999, before me personally came
INVENTOR (3) Julio Nogima to me personally known, and known to me to be the
person described in and who executed the foregoing assignment, and he acknowledged
to me that he executed the same as his free act and deed.

Mae K. Lemke
Notary Public, State of New York
No. 01LE6003456
County of Westchester
Commission Expires March 02 2000

Mae K Lemke
Notary

State of NEW YORK) ss.:
County of WESTCHESTER)

On this 11th day of NOVEMBER 1999, before me personally came
INVENTOR (4) Frank A. Schaffa to me personally known, and known to me to be the
person described in and who executed the foregoing assignment, and he acknowledged
to me that he executed the same as his free act and deed.

Erica Borgelt
Notary

ERICA BORGELT
Notary Public, State of New York
No. 01B05078352
Qualified in Westchester County
Commission Expires May 27, 2001

State of New York) ss.:
County of Westchester)

On this 16th day of November 1999, before me personally came
INVENTOR (5) William J. Anzick to me personally known, and known to me to be the
person described in and who executed the foregoing assignment, and he acknowledged
to me that he executed the same as his free act and deed.

Mae K Lemke
Notary

Mae K. Lemke
Notary Public, State of New York
No. 01LE6003456
County of Westchester
Commission Expires March 02 2000