

05/15/98  
JCS87 U.S. PTO

05-26-1998

Atty. Docket No. Y0997-305

R

ET

meD  
5-15-98



100718426

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

1. Name of conveying party(ies):  Peter Kenneth Malkin Marc H. Willebeek-Lemair Philip Shi-Lung Yu  Additional name(s) of conveying party(ies) attached? <u>Yes</u> <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies):  Name: IBM Corporation Address: Old Orchard Road Armonk, NY 10504  Additional name(s) & addresses attached? <u>Yes</u> <input checked="" type="checkbox"/> No
3. Nature of conveyance:  <input checked="" type="checkbox"/> Assignment  Execution Date(s): <u>23, 25 March 1998 and 6 April 1998</u>	4. Patent Application number(s)  Serial No.: 08/977,864  Execution Date(s): <u>23, 25 March 1998 and 6 April 1998</u>
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Kevin M. Jordan Address: IBM Corporation Intellectual Property Law P.O. Box 218 Yorktown Heights, NY 10598	6. Total number of applications involved: 1  7. Total fee (37 CFR 3.41): \$40.00  <input checked="" type="checkbox"/> Charge to Deposit Account No.: <u>09-0468</u>

DO NOT USE THIS SPACE

8. 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 original document.

Kevin M. Jordan (Reg. No. 40,277)

*Kevin M. Jordan* May 11, 1998

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 3

DO NOT DETACH THIS PORTION

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks  
Box Assignments  
Washington, DC 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, DC 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, DC 20503.

# Assignment

Whereas, we

Inventor  
and City

(1)	Peter Kenneth Malkin	of Ardsley
County of	Westchester	and State of New York
and (2)	March Hubert Willebeek-LeMaire	of Yorktown Heights
County of	Westchester	and State of New York
and (3)	Philip Shi-Lung Yu	of Chappaqua
County of	Westchester	and State of New York
and (4)		of
County of		and State of
and (5)		of
County of		and State of
and (6)		of
County of		and State of

have invented certain improvements in

TITLE METHOD AND APPARATUS FOR RECONFIGURABLE AND ADAPTIVE STREAM MULTICAST

and executed, respectively, a United States patent application therefor on  
DATES THAT (1) 25th March 1998, and (2) 6th April 1998, and (3) 23rd March 1998, and  
INVENTORS (4) 199 , and (5) 199 , and (6) 199 .  
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.

Signed and sealed  
CITY (1) at Yorktown Heights  
DATE on 3/25/98 1998, (Peter K. Malkin ) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

Signed and sealed  
CITY and (2) at Yorktown Heights  
DATE on 6 April 1998, (Marc H. Willebeek-LeMaire ) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

Signed and sealed  
CITY and (3) at Yorktown Heights  
DATE on 23rd March 1998, (Philip S.L. Yu ) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

Signed and sealed  
CITY and (4) at  
DATE on 199 , ( ) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

Signed and sealed  
CITY and (5) at  
DATE on 199 , ( ) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

Signed and sealed  
CITY and (6) at  
DATE on 199 , ( ) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

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

INVENTOR (1) On this 25<sup>th</sup> day of March 1998, before me personally came Peter K. Malkin 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.

*Michelle Parra*

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

INVENTOR (2) On this 6<sup>th</sup> day of April 1998, before me personally came Marc H. Willebeek-LeMaire <sup>MWLM</sup> 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.

**MICHELLE PARRA**  
Notary Public, State of New York  
No. 01PA5089349  
Qualified in Dutchess County  
Commission Expires December 8, 1999

*Michelle Parra*

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

INVENTOR (3) On this 23<sup>rd</sup> day of March 1998, before me personally came Philip S.-L. Yu 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.

**MICHELLE PARRA**  
Notary Public, State of New York  
No. 01PA5089349  
Qualified in Dutchess County  
Commission Expires December 8, 1999

*Michelle Parra*

State of ) SS.:  
County of )

INVENTOR (4) On this \_\_\_\_\_ day of \_\_\_\_\_ 199 , before me personally came \_\_\_\_\_ 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.

**MICHELLE PARRA**  
Notary Public, State of New York  
No. 01PA5089349  
Qualified in Dutchess County  
Commission Expires December 8, 1999

Notary

State of ) SS.:  
County of )

INVENTOR (5) On this \_\_\_\_\_ day of \_\_\_\_\_ 199 , before me personally came \_\_\_\_\_ 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.

Notary

State of ) SS.:  
County of )

INVENTOR (6) On this \_\_\_\_\_ day of \_\_\_\_\_ 199 , before me personally came \_\_\_\_\_ 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.

Notary

PATENT