FORM PTO - 1595

RE

07-16-1998



SHEET

ře, ,

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

| To the Honorable Commissione 1007332   | 244 ached original documents or copy thereof  |  |  |  |  |
|--|---|--|--|--|--|
| None(s) of conveying party/parties:  | Name and address of receiving party   |  |  |  |  |
| Norman E. Cox  Kenneth J. Christensen  Jim P. Ervin  Richard C. Matlack, Jr.   | International Business Machines Corporation Old Orchard Road Armonk, New York 10504 |  |  |  |  |
| ·  |   |  |  |  |  |
| Additional Names Attached? Yes X No  |   |  |  |  |  |
| 3. Nature of Conveyance  |   |  |  |  |  |
| X Assignment Merger  |   |  |  |  |  |
| Security Agreement Change of Name  |   |  |  |  |  |
| Other:   |   |  |  |  |  |
|  | Additional Names Attached? Yes X No   |  |  |  |  |
| 4. Application number(s) or patent number(s):  |   |  |  |  |  |
| If this document is being filed with a new application,  | the execution date of the application is:   |  |  |  |  |
| A. Patent Application No(s) 08/961,114 B. Patent No(s)   |   |  |  |  |  |
|  |   |  |  |  |  |
| Additional Numbers Attached? Yes X No  |   |  |  |  |  |
| Name and Address of party to whom correspondence concerning the document should be sent:   | 6. Total Number of applications and patents involved:                               |  |  |  |  |
| Name: John J. Timar  | 7. Total fee (37 CFR 341)\$ 40.00   |  |  |  |  |
| Internal Address:  | Enclosed  |  |  |  |  |
| IBM Corporation, 972/656   | X Charge to deposit account   |  |  |  |  |
| Street Address:  | 8. Deposit account Number: 09-0464  |  |  |  |  |
| PO Box 12195   |   |  |  |  |  |
| City/State/Zip: Res. Tri. Park, NC 27709   | (Attach duplicate copy of this page if paying by deposit account                    |  |  |  |  |
| DO NOT USE THIS SPACE  |   |  |  |  |  |
| 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. |   |  |  |  |  |
| John J. Timar July 7, 1998   |   |  |  |  |  |
| Name of Person Signing   | Signature Date  |  |  |  |  |
| Total Number of pages including cover sheet, attachments and document  6   |   |  |  |  |  |
| Mail documents to be recorded with required cover sheet information to:  Commissioner of Patents & Trademarks; Box Assignments; Washington, D.C. 20231                           |   |  |  |  |  |

FORM PTO - 1595

REC(



HEET

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

\$

| To the Honorable Commissioner of F   | ed original documents or copy thereof   |  |  |  |
|--|---|--|--|--|
| Name(s) of conveying party/parties:  | Name and address of receiving party   |  |  |  |
| Norman E. Cox  Kenneth J. Christensen  Jim P. Ervin  Richard C. Matlack, Jr.   | International Business Machines Corporation Old Orchard Road Armonk, New York 10504 |  |  |  |
| Additional Names Attached? Yes X No  |   |  |  |  |
| 3. Nature of Conveyance  |   |  |  |  |
| X Assignment   |   |  |  |  |
|  | Additional Names Attached? Yes X No   |  |  |  |
| 4. Application number(s) or patent number(s):  |   |  |  |  |
| If this document is being filed with a new application, the execution date of the application is:  |   |  |  |  |
| A. Patent Application No(s)  /0/29/97, /1/9/97, /0/29/97, /0/29/97   |   |  |  |  |
| Additional Numbers Attach  | ed? Yes X No  |  |  |  |
| 5. Name and Address of party to whom correspondence concerning the document should be sent:  | Total Number of applications and patents involved:  1                               |  |  |  |
| Name: John J. Timar  | 7. Total fee (37 CFR 341)\$ 40.00   |  |  |  |
| Internal Address:  | Enclosed  |  |  |  |
| IBM Corporation, 972/656   | X Charge to deposit account   |  |  |  |
| Street Address:  | Deposit account Number:   |  |  |  |
| PO Box 12195   | 09-0464   |  |  |  |
| City/State/Zip: Res. Tri. Park, NC 27709   | (Attach duplicate copy of this page if paying by deposit account                    |  |  |  |
| DO NOT USE THIS SPACE  |   |  |  |  |
| 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. |   |  |  |  |
| Laud depy of the original document.  |   |  |  |  |
| John J. Timar  | · · · · · · · · · · · · · · · · · · ·   |  |  |  |
|  | Signature Date  |  |  |  |
| John J. Timar  Name of Person Signing  Total Number of pages including cover sheet,  | Signature Date  |  |  |  |

PATENT REEL: 9307 FRAME: 0064

## **ASSIGNMENT**

## Whereas, we

|         | County of Wake          | and State of | North Carolina |
|---------|-------------------------|--------------|----------------|
| and (4) | Richard C. Matlack, Jr. | City of      | Raleigh        |
|         | County of Wake          | and State of | North Carolina |
| and (3) | Jim P. Ervin            | City of      | Raleigh        |
|         | County of               | and State of | Florida        |
| and (2) | Kenneth J. Christensen  | City of      | Tampa          |
|         | County of Wake          | and State of | North Carolina |
| (1)     | Norman E. Cox           | City of      | Raleigh        |

have invented certain improvements in

## Method and System for Distributing Network Routing Functios to Local Area Network Stations

and have executed, respectively, a United States patent application therefor on

(1) 
$$/6.29.97$$
 and (2)  $11.9.97$  and (3)  $/6.29.97$  and (4)  $/6.29.97$ 

And 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 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.

## SIGNED AND SEALED

- (1) at RTP, NC on 10.29.97
- and (2) at Tampa, FL
- and (3) at RTP, NC on /3.29.97
- and (4) at RTP, NC on /8.29.97

Norman E. Cox

KAJUE

Kenneth J. Christensen

Jim P. Ervin

Richard C. Matlack, Jr.

106 0 . BE



PTAS

UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND CHAMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 2023

\*100700391A\*

JUNE 24, 1998

IBM CORPORATION, 972/656 JOHN J. TIMAR P.O. BOX 12195 RES. TRI. PK., NC 27709

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF NON-RECORDATION OF DOCUMENT

DOCUMENT ID NO.: 100700391

THE ENCLOSED DOCUMENT HAS BEEN EXAMINED AND FOUND NON-RECORDABLE BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. THE REASON(S) FOR NON-RECORDATION ARE STATED BELOW. DOCUMENTS BEING RESUBMITTED FOR RECORDATION MUST BE ACCOMPANIED BY A NEW COVER SHEET REFLECTING THE CORRECT INFORMATION TO BE RECORDED AND THE DOCUMENT ID NUMBER REFERENCED ABOVE.

THE ORIGINAL DATE OF FILING OF THIS ASSIGNMENT DOCUMENT WILL BE MAINTAINED IF RESUBMITTED WITH THE APPROPRIATE CORRECTION(S) WITHIN 30 DAYS FROM THE DATE OF THIS NOTICE AS OUTLINED UNDER 37 CFR 3.51. THE RESUBMITTED DOCUMENT MUST INCLUDE A STAMP WITH THE OFFICIAL DATE OF RECEIPT UNDER 37 CFR 3. APPLICANTS MAY USE THE CERTIFIED PROCEDURES UNDER 37 CFR 1.8 OR 1.10 FOR RESUBMISSION OF THE RETURNED PAPERS, IF THEY DESIRE TO HAVE THE BENEFIT OF THE DATE OF DEPOSIT IN THE UNITED STATES POSTAL SERVICE.

SEND DOCUMENTS TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231. IF YOU HAVE ANY QUESTIONS REGARDING THIS NOTICE, YOU MAY CONTACT THE INDIVIDUAL WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.

1. THE COVER SHEET SUBMITTED FOR RECORDING DOES NOT ADEQUATELY IDENTIFY THE PROPERTY NUMBER(S). THE APPLICATION NUMBER AND SERIES CODE OR THE SERIAL NUMBER AND FILING DATE IS REQUIRED.

STEVEN POST, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

> PATENT REEL: 9307 FRAME: 0067

RECORDED: 03/02/1998