08-02-2001 U.S. DEPARTMENT OF **FORM PTO - 1595** 4EET RECO COMMERCE Patent and Trademark Office 101797204 doriginal documents or copy thereof To the Honorable Commissioner of P 2. Name and address of receiving party 1. Name(s) of conveying party/parties: Yongcheng Li 7-17-0) International Business Machines Corporation Sajan Sankaran New Orchard Road Armonk, New York 10504 Spencer H. Shepard IV Yih-Shin Tan Additional Names Attached? Yes X No 3. Nature of Conveyance X Assignment Merger Security Agreement Change of Name Other: Yes X Additional Names Attached? No Execution Date(s): July 16, 2001 Application number(s) or patent number(s): 7-16-2001 If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s) B. Patent No(s) Additional Numbers Attached? Yes Х 6. Total Number of applications and patents 5. Name and Address of party to whom correspondence concerning the document should be sent: involved: Name: Jeanine S. Ray-Yarletts 7. Total fee (37 CFR 3.41)\$ **Enclosed** Internal Address: IBM Corporation, T81/503 Charge to deposit account 8. Deposit account Number: 09-0461 Street Address: PO Box 12195 (Attach duplicate copy of this page if paying by deposit account Res. Tri. Park, NC 27709 City/State/Zip: 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. July 17, 2001 Jeanine S. Ray-Yarletts Date Name of Person Signing Total Number of pages including cover sheet, attachments and document Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks; Box Assignments; Washington, D.C. 20231 00000081 090461 08/01/2001 ANNED1 40.00 CH 01 FC:581 AssgnSWG.wpt 09082000

> PATENT REEL: 012022 FRAME: 0476

ASSIGNMENT

Whereas, we

- -1 Yongcheng Li
- of: Raleigh, North Carolina
- and (2) Sajan Sankaran
 - of: Raleigh, North Carolina
- and (3) Spencer H. Shepard IV
 - of: Durham, North Carolina
- and (4) Yih-Shin Tan
 - of: Raleigh, North Carolina

have invented certain improvements in

Transforming Data Automatically Between Communications Parties in a Computing Network

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

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: Research Triangle Park, NC
 - on: 7/16/2001
- and (2) at: Research Triangle Park, NC
 - on: 7 | 16 | 01
- and (3) at: Research Triangle Park, NC
 - on: 7/16/01
- and (4) at: Research Triangle Park, NC

on: 7/16/2001

RECORDED: 07/17/2001

Yongcheng Li

Sajan Sankaran

Shy Qu. Shy A

Spencer H. Shepard IV

Yih-Shin Tan

assgn4.wpt 11-14-97

Page 2 of 2

PATENT REEL: 012022 FRAME: 0478