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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof Name of conveying party(ies): 2. Name and address of receiving party(ies): **International Business Machines Corporation New Orchard Street** Andy I-Shin Wang Armonk, NY 10504 Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance: Assignment Merger Change of Name Security Agreement Other: Execution Dates: 7/23/2002 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: 7/24/2002; B. Patent No.(s) A. Patent Application No.(s) 10/205046 Additional numbers attached? Yes No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Name: Sandra M. Parker, Esq. Enclosed Address: LAW OFFICE OF SANDRA M. PARKER Authorized to be charged to deposit account: 09-0460. 329 La Jolla Avenue 8. Please charge any additional fees or credit any Long Beach, CA 90803 overpayments to our Deposit account number: 09-0460. 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. Sandra M. Parker July 24, 2002 Name of Person Signing Total number of pages including cover sheet, attachments, and document:2 Do not detach this portion Mail documents to be recorded with required cover sheet information to: **Commissioner of Patents and Trademarks Box Assignments** Washington, D.C. 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, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503. 08/12/2002 DBYRNE 00000193 090460 10205046 01 FC:581 40.00 CH

> PATENT REEL: 013170 FRAME: 0837

Docket No.: SVL920020036UST

ASSIGNMENT

Whereas I,

(1) Andy I-Shin Wang of Palo Alto, Santa Clara County, and State of California

have invented certain improvements in MID-TIER-BASED CONFLICT RESOLUTION METHOD AND SYSTEM USABLE FOR MESSAGE SYNCHRONIZATION AND REPLICATION, and executed, respectively, a United States patent application therefor on

(1) on 23 July, 2002,

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 soll, 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

at <u>San</u> Jose (CITY) on >- 23 ,2002

Andy I-Shin Wang

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RECORDED: 07/24/2002