

07-07-1999



To the Honorable Commissioner of Patents

101084591

101084591 is the attached original documents or copy thereof.

1. Name of conveying party(ies):

Stephen Yao Ching Chen, Patrick Michael Malone, Jerry Mukai, Jeffrey Ralph Ruggles, Desai Paramesh Sampatrai, Yun Wang, Guogen Zhang,

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date June 25, 1999

2. Name and address of receiving party(ies):

International Business Machines Corporation
Armonk, New York 10504

Additional name(s) & address(es) attached? ☐ Yes ☒ No



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: June 25, 1999

A. Patent Application No.(s):

69344731

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

DAVID W. VICTOR, ESQ.
KONRAD, RAYNES & VICTOR, LLP.
1180 S. Beverly Drive, Suite 501
Los Angeles, CA 90035

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41).....\$ 40

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number: 50-0585

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

David W. Victor

Name of Person Signing

Signature

June 25, 1999

Date

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

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07/07/1999 NTHA11 00000013 09344731

1 FC:581 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.

Docket: ST9-99-025
0055.0003

ASSIGNMENT

Whereas, we

INVENTOR AND CITY	(1) Stephen Yao Ching Chen County of Santa Clara (2) Patrick Michael Malone County of Santa Clara (3) Jerry Mukai County of Santa Clara (4) Jeffrey Ralph Ruggles County of Santa Clara (5) Desai Paramesh Sampatrai County of Santa Clara (6) Yun Wang County of Santa Clara (7) Guogen Zhang County of Santa Clara	of Saratoga and State of California of San Jose and State of California of San Jose and State of California of San Jose and State of California of San Jose and State of California of Saratoga and State of California of San Jose and State of California
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have invented certain improvement in

TITLE METHOD, SYSTEM, AND PROGRAM FOR A JOIN OPERATION ON A MULTI-COLUMN TABLE AND SATELLITE TABLES INCLUDING DUPLICATE VALUES

DATES THAT INVENTORS SIGNED THE DECLARATION and executed, respectively, a United States patent application therefore on
(1) 6-23, 1999, (2) 6/24, 1999, (3) 6/24, 1999, (4) 6-24-, 1999,
(5) 6-23, 1999, (6) 6/25, 1999, and (7) 6-23, 1999

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 therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, 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 I 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 I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

JUN 25'99 09:36 FR IBM-SOFTWARE SOLUTION

TO 913105567984

P.06/18

Docket: ST9-99-025
0055.0003

Signed and sealed

CITY
DATE(1) at San Jose
on 6-23, 1999,Stephen Yao Ching Chen
Stephen Yao Ching Chen SIGNATURE
INVENTORCITY
DATE(2) at San Jose
on 6/24, 1999,Patrick M. Malone
Patrick Michael Malone SIGNATURE
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DATE(3) at San Jose
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DATE(4) at San Jose
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INVENTOR