

08-08-2001



101803734

To the Honorable Commissioner of Patents

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101803734
08/09/2001
01/26/01

1. Name of conveying party(ies):

1) San Yu Phoenix, 2) Kalpana Shyam, 3) James Zu-Chia Teng,
4) Stephen Walter Turnbaugh, and 5) Julie Ann Watts

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

3. Nature of conveyance:

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

Execution Date 1) July 16, 2001; 2) July 16, 2001; 3) July 16, 2001;
4) July 17, 2001; 5) July 17, 2001

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: July 26, 2001

A. Patent Application No.(s):

09/915867

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
315 S. Beverly Drive, Suite 210
Beverly Hills, CA 90212

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: 09-0460

(Attach duplicate copy of this page if paying by deposit account)

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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

July 26, 2001

Date

Total number of pages including cover sheet, attachments and document: [5]

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ASSIGNMENT

Whereas, we

INVENTOR
AND CITY

(1) San Yu Phoenix
County of Santa Clara
(2) Kalpana Shyam
County of Santa Clara
(3) James Zu-Chia Teng
County of Santa Clara
(4) Stephen Walter Turnbaugh
County of San Benito
(5) Julie Ann Watts
County of Santa Clara

of Morgan Hill
and State of California
of Los Altos
and State of California
of San Jose
and State of California
of Hollister
and State of Georgia
of Morgan Hill
and State of California

have invented certain improvement in

TITLE METHOD, SYSTEM, AND PROGRAM FOR USING CONTROL DATA STRUCTURES WHEN
PERFORMING OPERATIONS WITH RESPECT TO A DATABASE

DATES THAT
INVENTORS
SIGNED THE
DECLARATION

and executed, respectively, a United States patent application therefore on
(1) July 16, 2001, (2) July 16, 2001, (3) July 16, 2001, (4) _____, 2001,
and (5) July 17, 2001

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.

Signed and sealed

CITY
DATE

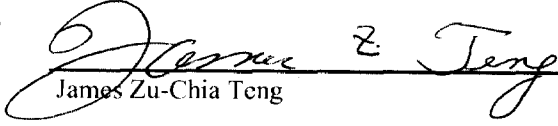
(1) at SAN JOSE
on July 16, 2001,

San Yu Phoenix SIGNATURE
San Yu Phoenix INVENTOR

CITY
DATE

(2) at San Jose, Ca
on July 16, 2001,

Kalpana Shyam SIGNATURE
Kalpana Shyam INVENTOR

CITY
DATE(3) at San Jose, CA
on July 16, 2001,
James Zu-Chia TengSIGNATURE
INVENTORCITY
DATE(4) at _____
on _____, 2001,

Stephen Walter Turnbaugh

SIGNATURE
INVENTORCITY
DATE(5) at San Jose, CA
on July 17, 2001,
Julie Ann WattsSIGNATURE
INVENTOR

ASSIGNMENT

Whereas, we

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AND CITY

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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.

Signed and sealed

CITY
DATE

(1) at _____
on _____, 2001,

San Yu Phoenix

SIGNATURE
INVENTOR

CITY
DATE

(2) at _____
on _____, 2001,

Kalpana Shyam

SIGNATURE
INVENTOR

CITY
DATE (3) at _____
on _____, 2001,

James Zu-Chia Teng SIGNATURE
INVENTOR

CITY
DATE (4) at Honolulu, CA
on July 17, 2001,

Stephen Walter Turnbaugh SIGNATURE
INVENTOR

CITY
DATE (5) at _____
on _____, 2001,

Julie Ann Watts SIGNATURE
INVENTOR