

12-04-2003



11-20-03

To the Honorable Commissioner of Patents and Trademarks 102614989

Original documents or copy thereof.

1. Name of conveying party(ies): Execution Date

- 1) Steven Edward Klein 1) 11-17-03
2) James Chien-Chiung Chen 2) 11-18-03
3) Patricia Ching Lu, and 3) 11-17-03
4) Minh-Ngoc Le Huynh 4) 11-17-03

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

3. Nature of conveyance:

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

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

International Business Machines Corporation
Armonk, New York 10504

Additional name(s) & address(es) attached? ☐ Yes ☒ No03917 U.S.PTO
10/721048

112003

4. Application number(s) or patent number(s):

10721048

If this document is being filed together with a new application, the execution date of the application is: November 20, 2003

A. Patent Application No.(s):

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

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

Rabindranath Dutta
KONRAD RAYNES VICTOR & MANN 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

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Rabindranath Dutta

Name of Person Signing

Signature

November 20, 2003

Date

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ASSIGNMENT

Whereas, we

INVENTOR
AND CITY

(1) Steven Edward Klein
County of Pima
(2) James Chien-Chiung Chen
County of Pima
(3) Patricia Ching Lu
County of Alameda
(4) Minh-Ngoc Le Huynh
County of Santa Clara

of Tucson
and State of Arizona
of Tucson
and State of Arizona
of Fremont
and State of California
of San Jose
and State of California

have invented certain improvement in

TITLE METHOD, SYSTEM, AND ARTICLE OF MANUFACTURE FOR BIDIRECTIONAL DATA TRANSFER

DATES THAT
INVENTORS
SIGNED THE
DECLARATION

and executed, respectively, a United States patent application therefore on


(1) 11/17, 2003, (2) 11/18, 2003, (3) _____, 2003, and (4) _____, 2003

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM CORPORATION), 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 CORPORATION, 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 CORPORATION, its successors and assigns; and I hereby agree that IBM CORPORATION 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 CORPORATION.

Signed and sealed

CITY
DATE(1) at Tucson, AZ
on 11/17, 2003,

Steven Edward Klein
SIGNATURE
INVENTORCITY
DATE(2) at TUCSON
on 11-18, 2003,

James Chien-Chiung Chen
SIGNATURE
INVENTOR

CITY
DATE (3) at _____
on _____, 2003,

Patricia Ching Lu SIGNATURE
INVENTOR

CITY
DATE (4) at _____
on _____, 2003,

Minh-Ngoc Le Huynh SIGNATURE
INVENTOR

ASSIGNMENT

Whereas, we

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AND CITY

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County of Pima
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2003

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Signed and sealed

CITY
DATE

(1) at _____
on _____, 2003,

Steven Edward Klein

SIGNATURE
INVENTORCITY
DATE


(2) at _____
on _____, 2003,

James Chien-Chiung Chen

SIGNATURE
INVENTOR

CITY
DATE

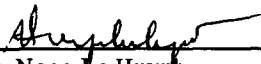
(3) at San Jose
on 11/17, 2003,



Patricia Ching Lu SIGNATURE
INVENTOR

CITY
DATE

(4) at San Jose
on 11/17/03, 2003,



Minh-Ngoc Le Huynh SIGNATURE
INVENTOR