

FORM PTO-1595

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1. Name of conveying party(ies):
**Wuqin Lin, Zhen Liu, Cathy Honghui Xia
and Li Zhang**
Additional name(s) of conveying party(ies) attached?
 Yes No

2. Name and address of receiving party(ies)
Name: **International Business Machines Corporation**
Internal Address:
Street Address: **New Orchard Road**
City: **Armonk** State: **NY** ZIP: **10504**
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date(s): **7/27/04, 7/13/04, 7/13/04, 7/13/04**

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:
A. Patent Application No.(s) **10/865,064** B. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: **William E. Lewis**
Internal Address: **Ryan, Mason & Lewis, LLP**
Street Address: **90 Forest Avenue**
City: **Locust Valley** State: **NY** ZIP: **11560**

6. Total number of applications and patents involved: 1
7. Total Fee (37 CFR 3.41)..... \$ 40.00
 Enclosed
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William E. Lewis
Reg. No. 39,274


Signature

August 16, 2004
Date

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

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YOR920040117US1

700107259

PATENT
REEL: 015062 FRAME: 0694

CH \$40.00 500610 10865064

Attorney Docket No. YOR920040117US1

ASSIGNMENT

Whereas, we

Inventor
and City

(1) **Wuqin Lin**
County of Cobb

of Marietta
and State of Georgia

(2) **Zhen Liu**
County of Westchester

of Tarrytown
and State of New York

(3) **Cathy Honghui Xia**
County of Westchester

of Croton-on-Hudson
and State of New York

and (4) **Li Zhang**
County of Westchester

of Yorktown Heights
and State of New York

have invented certain improvements in

TITLE

**METHODS AND APPARATUS FOR COST MINIMIZATION OF MULTI-TIERED
INFRASTRUCTURE WITH END-TO-END DELAY GUARANTEES**

described in United States patent application Serial No. 10/865,064, filed on June 10, 2004 and executed on

DATE THAT
INVENTORS
SIGNED THE
DECLARATION

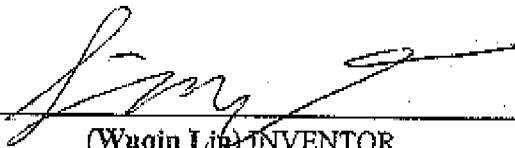
(1) 7/27/04 2004 (2) _____ 2004 (3) _____ 2004 and (4) _____ 2004.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, 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 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.

Attorney Docket No. YOR920040117US1

CITY
DATE
Signed
(1) at Marionetta, GA
on 07/27, 2004,



(Wuqin Liu) INVENTOR
SIGNATURE
FIRST NAME MIDDLE INITIAL LAST NAME

CITY
DATE
Signed
(2) at _____, NY
on _____ 2004,

(Zhen Liu) INVENTOR
SIGNATURE
FIRST NAME MIDDLE INITIAL LAST NAME

CITY
DATE
Signed
(3) at _____, NY
on _____ 2004,

(Cathy Honghui Xia) INVENTOR
SIGNATURE
FIRST NAME MIDDLE INITIAL LAST NAME

CITY and
DATE
Signed
(4) at _____, NY
on _____ 2004,

(Li Zhang) INVENTOR
SIGNATURE
FIRST NAME MIDDLE INITIAL LAST NAME

Ryan, Mason & Lewis, LLP
90 Forest Avenue
Locust Valley, New York 11560
(516) 759-2722

Attorney Docket No. YOR920040117US1**ASSIGNMENT**

Whereas, we

Inventor
and City(1) **Wuqin Lin**
County of Cobbof Marietta
and State of Georgia(2) **Zhen Liu**
County of Westchesterof Tarrytown
and State of New York(3) **Cathy Honghui Xia**
County of Westchesterof Croton-on-Hudson
and State of New Yorkand (4) **Li Zhang**
County of Westchesterof Yorktown Heights
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DATE THAT
INVENTORS
SIGNED THE
DECLARATION(1) _____ 2004 (2) 2.6 July 13, 2004 (3) 4.1 July 13, 2004 and (4) 2.1 July 13, 2004.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, 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 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.

Page 1 of 2

PATENT
REEL: 015062 FRAME: 0697

Attorney Docket No. YOR920040117US1

CITY Signed
 DATE (1) at _____, NY _____ SIGNATURE
 on _____ 2004, _____
 (Wuqin Lin) INVENTOR
 FIRST NAME MIDDLE INITIAL LAST NAME

CITY Signed
 DATE (2) at Hawthorne, NY _____ SIGNATURE
 on 7/13 2004, _____
 (Zhen Liu) INVENTOR
 FIRST NAME MIDDLE INITIAL LAST NAME

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 DATE (3) at Hawthorne, NY _____ SIGNATURE
 on 7/13 2004, _____
 (Cathy Honghui Xia) INVENTOR
 FIRST NAME MIDDLE INITIAL LAST NAME

CITY and Signed
 DATE (4) at Hawthorne, NY _____ SIGNATURE
 on 7/13 2004, _____
 (Li Zhang) INVENTOR
 FIRST NAME MIDDLE INITIAL LAST NAME

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