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Christopher Frank Codella, Zhen Liu,
George Viorel Popescu

4-30-03

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

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

Name: International Business Machines
Corporation
Armonk, New York 10504

Additional name(s) & address(es) attached:

Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
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Execution Date: (CFC) April 25, 2003, (ZL)
April 23, 2003, (GVP) April 22, 2003

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

10426341

If this document is being filed together with a new application, the execution date
of the application is: (CFC) April 25, 2003 (ZL) April 23, 2003, (GVP) April 22, 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:

Name: Frank Chau, Esc.

Street Address: F. CHAU & ASSOCIATES, LLP

1900 Hempstead Turnpike, Suite 501

City: East Meadow State: NY Zip: 11554

6. Total number of applications and
patents involved: 1

7. Total fee (37 C.F.R. §3.41): \$40.00

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Assignment

Whereas, we

Inventor
and City

(1) **Christopher Frank Codella**
County of **Dutchess**

of **LaGrangeville**
and State of **New York**

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

of **Tarrytown**
and State of **New York**

(3) **George Viorel Popescu**
County of **Union County**

of **Union**
and State of **New Jersey**

have invented certain improvements in

TITLE **METHOD AND SYSTEM FOR EFFICIENT DATA TRANSMISSION
IN INTERACTIVE NETWORKED ENVIRONMENTS**

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


DATES THAT	(1)	2003	and (2)	2003	and (3)	2003
INVENTORS	(4)	2003	and (5)	2003	and (6)	2003.
SIGNED THE DECLARATION						

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 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.

Signed and sealed

CITY (1) at Yorktown, NY  SIGNATURE
DATE on 25 APRIL 2003, (Christopher Frank Codella) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY (2) at Hawthorne, NY  SIGNATURE
DATE on 04/30/03 2003, (Zhen Liu) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY (3) at HAWTHORNE, NY  SIGNATURE
DATE on 04 22 2003, (George Viorel Popescu) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME