

12-08-2003

YOR920030529US1

FORM PTO-1595
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)

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102617581

U.S. PTO
10723227



To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.

1. Name of conveying party(ies):
GEORGE V. POPESCU
ZHEN LIU
SAMBIT SAHU

11-26-03

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

Name: International Business Machines Corporation

Internal Address: _____

Street Address: _____

City: Armonk State: NY Zip: 10504

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

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: 11/26/03, 11/26/03, 11/26/03

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

10723227

If this document is being filed together with a new application, the execution date of the application is: 11/26/03, 11/26/03, 11/26/03

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: Moser, Patterson & Sheridan, LLP

Internal Address: Suite 100

Street Address: 595 Shrewsbury Avenue

City: Shrewsbury State: NJ Zip: 07702

6. Total number of applications and patents involved: 1

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

Enclosed

Authorized to be charged to deposit account

8. Deposit account number: 20-0782

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9. Statement and signature.

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

KIN-WAH TONG
Name of Person Signing

[Signature]
Signature

11/26 2003
Date

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

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
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12/08/2003 6TOM11 00000027 200782 10723227

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PATENT
REEL: 014752 FRAME: 0690

Assignment

Whereas, we

INVENTOR
AND CITY

(1) George V. Popescu
County of Fairfield

of Stamford
and State of Connecticut

INVENTOR
AND CITY

(2) Zhen Liu
County of Westchester

of Tarrytown
and State of New York

INVENTOR
AND CITY

(3) Sambit Sahu
County of Westchester

of Mahopac
and State of New York

have invented certain improvements in

**METHOD AND APPARATUS FOR PROVIDING DYNAMIC GROUP
MANAGEMENT FOR DISTRIBUTED INTERACTIVE APPLICATIONS**

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

DATES THAT
INVENTORS
SIGNED THE
DECLARATION

(1) George V. Popescu, November 26, 2003
(2) Zhen Liu, November 26, 2003
(3) Sambit Sahu, November 26, 2003

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, 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 AND DATE

(1) at HAWTHORNE
on 11/26/2003, 2003



George V. Popescu (Signature)
FIRST NAME MIDDLE INITIAL LAST NAME (Inventor)

CITY AND DATE

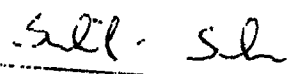
(2) at Hawthorne
on 11/26/2003, 2003



Zhen Liu (Signature)
FIRST NAME MIDDLE INITIAL LAST NAME (Inventor)

CITY AND DATE

(3) at Hawthorne
on 11/26/2003, 2003



Sambit Sahu (Signature)
FIRST NAME MIDDLE INITIAL LAST NAME (Inventor)