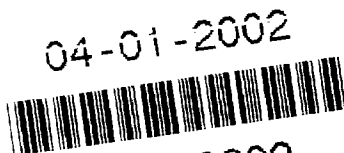


In place of Form PTO-1595

Patent



PATENTS

To the Honorable Commissio  
or copy thereof:

102038602

Remarks: Please record the attached original document(s)

## 1. Name of conveying party(ies):

Execution Date:

Brian D. GOODMAN

March 13, 2002

John W. ROONEY

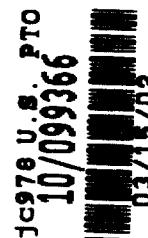
March 13, 2002

Ramesh SUBRAMANIAN

March 13, 2002

William C. SWEENEY

March 8, 2002



## 2. Name and address of receiving party:

INTERNATIONAL BUSINESS MACHINES CORPORATION  
New Orchard Road  
Armonk, New York 10504

Additional name(s) &amp; address(es) attached?

Yes ☒ No ☒3. Nature of conveyance: ☒ Assignment

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

10,099,366

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. March 13, 2002

A. Patent Application No.(s):

B. Patent No.(s):

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

Customer No. 23334

Stephen Bongini

FLEIT, KAIN, GIBBONS, GUTMAN &amp; BONGINI P.L.

One Boca Commerce Center

551 Northwest 77th Street, Suite 111

Boca Raton, Florida 33487

6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00The Commissioner is hereby authorized to charge this fee and any additional fees to deposit account no. 09-0463.

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## 8. 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.

Jon A. Gibbons

Name of Person Signing

Signature

March 15, 2002

Date

Total number of pages including cover sheet, attachments and document: 7

Mail document(s) to be recorded with required cover sheet information to:

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Washington, D. C. 2023104/01/2002 AAHMED1 00000033 090463 10099366  
01 EC:581 40.00 C4PATENT  
REEL: 012722 FRAME: 0721

PATENT

## ASSIGNMENT

Whereas, we,

- (1)\* Brian D. GOODMAN of Roxbury,  
County of Litchfield and State of Connecticut
- (2)\* John W. ROONEY of New Fairfield,  
County of Fairfield and State of Connecticut
- (3)\* Ramesh SUBRAMANIAN of Woodbury,  
County of Litchfield and State of Connecticut
- (4)\* William C. SWEENEY of Norwalk,  
County of Fairfield and State of Connecticut

have invented certain improvements in

## CENTRALLY ENHANCED PEER-TO-PEER RESOURCE SHARING METHOD AND APPARATUS

and executed a United States patent application therefor on the following date(s):

- (1)\* 3/13/2002 (2)\* \_\_\_\_\_
- (3)\* 3/13/2002 (4)\* \_\_\_\_\_


and

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 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 acknowledge our prior existing obligation and hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of the United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on the 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:

**\* PLEASE CHECK OR FILL IN ALL SECTIONS WITH AN  
ASTERISK**  
DATE

LOCATION(City and State you are in when  
signing this document)SIGNATURE(1)\* Somerville, CT3/13/2002
  
Brian D. GOODMAN

(2)\* \_\_\_\_\_

(3)\* Poughkeepsie, CT 3/13/2002

(4)\* \_\_\_\_\_

\_\_\_\_\_  
John W. ROONEY

*Ramesh*  
Ramesh SUBRAMANIAN

\_\_\_\_\_  
William C. SWEENEY

PATENT

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- (3)\* \_\_\_\_\_ (4)\* \_\_\_\_\_

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Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby acknowledge our prior existing obligation and hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of the United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on the 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:

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ASTERISK  
DATE

LOCATION(City and State you are in when  
signing this document)SIGNATURE

(1)\* \_\_\_\_\_

Brian D. GOODMAN

(2)\* Cambridge, Mass. 3/13/2002

(3)\* \_\_\_\_\_

(4)\* \_\_\_\_\_

John W. Rooney  
John W. ROONEY

\_\_\_\_\_  
Ramesh SUBRAMANIAN

\_\_\_\_\_  
William C. SWEENEY

PATENT

**ASSIGNMENT**

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and executed a United States patent application therefor on the following date(s):

(1)\* \_\_\_\_\_ (2)\* \_\_\_\_\_

(3)\* \_\_\_\_\_ (4)\* 3-8-02

and

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 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 acknowledge our prior existing obligation and hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of the United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on the 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:

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ASTERISK**

DATE SIGNATURE

LOCATION(City and State you are in when  
signing this document)

(1)\* \_\_\_\_\_

\_\_\_\_\_  
Brian D. GOODMAN

(2)\* \_\_\_\_\_

\_\_\_\_\_  
John W. ROONEY

(3)\* \_\_\_\_\_

\_\_\_\_\_  
Ramesh SUBRAMANIAN

(4)\* Norwalk CT 3-8-02

William C Sweeney  
William C. SWEENEY