

02-04-2003

In place of Form PTO-1595



Docket No.: AUS920020736US1

102356319

To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

- (1) Jeffrey Mark Achtermann
 (2) Robert Earl Guthrie
 (3) Christopher Victor Lazzaro
 (4) Mark Allen Sistrunk

Execution Date:

1/21/03
 1/21/03
 1/21/03
 1/21/03

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

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

International Business Machines Corporation
 New Orchard Road
 Armonk, New York 10504

3. Nature of conveyance:

X Assignment Merger
 Security Agreement Change of Name
 Other

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
 (1) 1/21/03 (2) 1/21/03 (3) 1/21/03 (4) 1/21/03 (5)

A. Patent Application No.(s) B. Patent No.(s)

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

Jeffrey S. LaBaw
 IBM Corporation
 Intellectual Property Law
 11400 Burnet Road
 Austin, TX 78758
 (512) 823-0494

6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$ 40.00

 Enclosed
X Authorized to be charged to deposit account

8. Deposit account number:

09-0447

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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.

Name of Person Signing

Jeffrey S. LaBaw

Signature

Date

02/03/2003 6TOM11 00000111 090447 10351564
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Total number of pages including cover sheet: 3

ASSIGNMENT

Whereas, we,

- (1) Jeffrey Mark Achtermann, of Austin,
County of Travis and state of Texas,
- (2) Robert Earl Guthrie, of Austin,
County of Travis and state of Texas,
- (3) Christopher Victor Lazzaro, of Austin,
County of Travis and state of Texas, and
- (4) Mark Allen Sistrunk, of Austin,
County of Travis and state of Texas,

have invented certain improvements in

SYSTEMS AND METHODS FOR THE DISTRIBUTION OF BULK DATA USING MULTICAST ROUTING

and executed a United States patent application therefor on *(dates Inventors signed Declaration)*

- (1) 1/21/03, (2) 1/21/2003, (3) 1/21/2003, and
(4) 1/21/03.

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 invention 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.

(1) Signed at Austin on January 21, 2003.

Jeffrey Mark Achtermann
Jeffrey Mark Achtermann

(2) Signed at Austin on January 21, 2003.

Robert Earl Guthrie
Robert Earl Guthrie

(3) Signed at Austin on January 21, 2003.

Christopher Victor Lazzaro
Christopher Victor Lazzaro

(4) Signed at Austin on January 21, 2003.

Mark Allen Sistrunk
Mark Allen Sistrunk