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

JCS42 U.S. PTO
09/30/231
05/06/99

1. Name of conveying party(ies):

Robert N.C. Broberg III
Paul B. Kubista
Gerald D. Miller

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

Execution Date: May 4, 1999

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 May 4, 1999

A. Patent Application No.(s)

B. Patent No.(s)

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

Martin J. Bussan, Esq.
IBM Corporation
Intellectual Property Law
Dept. 917/Bldg. 006-1
3605 Highway 52 North
Rochester, MN 55901-7829
(507) 253-2557

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

X Authorized to be charged to deposit account

8. IBM Corporation Deposit account number: 09-0465

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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.

Dan Venclarik

Name of Person Signing Dan Venclarik for FELSMAN, BRADLEY, VADEN, GUNTER & DILLON, LLP

5-6-99

Date

Total number of pages including cover sheet: 2

A S S I G N M E N T

Whereas, we,

(1) Robert N.C. Broberg, III of Rochester,
County of Olmsted and State of Minnesota,

and
(2) Paul B. Kubista of West Concord,
County of Dodge and State of Minnesota,

and
(3) Gerald D. Miller of Rochester,
County of Olmsted and State of Minnesota,

have invented certain improvements in

METHOD AND APPARATUS FOR FILTERING ETHERNET FRAMES

and executed, respectively, a United States patent application therefor on (1) May 4, 1999, and (2) May 4, 1999, and (3) May 4, 1999.

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 Rochester, MN on May 4, 1999.

Robert N.C. Broberg III
ROBERT N.C. BROBERG III

(2) Signed at Rochester, MN on May 4, 1999.

Paul B. Kubista
PAUL B. KUBISTA

(3) Signed at Rochester, MN on May 4, 1999.

Gerald D. Miller
GERALD D. MILLER