

*IBM Docket No.: RA9-99-030*

(1) at: Raleigh, NC  
on: 8/12/99

and (2) at: Raleigh, NC  
on: 8/12/99

*Joseph Martin Herbst*

Joseph Martin Herbst

*Joel Mark Yarborough*

Joel Mark Yarborough

Test

In place of Form PTO-1595

Docket No. AT9-99-154A

RECORDATION FORM COVER SHEET  
PATENTS

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

1. Name of conveying party(ies):

Antonius Paulus Engbersen  
Jason Juan Hernandez

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

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

3. Nature of conveyance:

Assignment

Execution Date:

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

A. Patent Application No. (s)

B. Patent No. (s)

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

David A. Mims, Jr.  
IBM Corporation  
Intellectual Property Law  
Internal Zip 4054  
11400 Burnet Road  
Austin, TX 78758  
(512) 823-0950

6. Total number of applications and patents involved: 1

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

Authorized to be charged to deposit account

8. Deposit account number:

09-0447

DO NOT USE THIS SPACE

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.

David A. Mims, Jr.  
Name of Person Signing

Signature

Date

Total number of pages including cover sheet: \_\_\_\_\_

PATENT  
REEL: 010015 FRAME: 0084

70000400

**A S S I G N M E N T**

Whereas, we,

- (1) Antonius Paulus Engbersen, of Feusisberg, Switzerland,  
and
- (2) Jason Juan Hernandez, of Kirkland,  
County of King, and State of Washington,

have invented certain improvements in  
 DATA DISTRIBUTION USING UNALLOCATED BANDWIDTH  
 and executed, respectively, a United States patent application therefor on  
*(Dates Inventors Signed Declaration)* (1) \_\_\_\_\_, 19\_\_\_\_, and  
 (2) \_\_\_\_\_, 19\_\_\_\_.

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 \_\_\_\_\_ on \_\_\_\_\_, 19\_\_\_\_.

\_\_\_\_\_  
 Antonius Paulus Engbersen

(2) Signed at \_\_\_\_\_ on \_\_\_\_\_, 19\_\_\_\_.

\_\_\_\_\_  
 Jason Juan Hernandez

**PATENT**  
**REEL: 010015 FRAME: 0085**

RECORDED: 09/09/1999