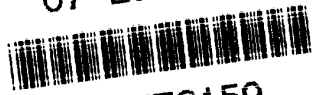


07-27-1998



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DOCKET: JA997032

US Department of Commerce
Patent & Trademark Office

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

1. Name of conveying party(ies):

Tetsuya Tamura
Masayuki Demura
Hiroshi Itagaki
Kohji Yamada

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

Name: International Business
Machines Corporation

Street Address: New Orchard Road
City: Armonk State: NY ZIP: 10504

7-23-98

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

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

3. Nature of conveyance:

Assignment

Execution Date: 5/11/98, 5/12/98, 5/12/98, 7/15/98

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)

09/057,998

B. Patent No. (s)

Additional numbers attached? Yes No

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

Name: IBM Corporation
Internal
Address: Intellectual Property Law
Street
Address: 5600 Cottle Road (L2PA/0142)
San Jose, CA 95193

6. Total Number of applications and patents involved: One

7. Total fee (37 CFR 3.41).....\$ 40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit Account Number: 09-0466

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.

G. Marlin Knight

July 21, 1998
Date

Total number of pages including cover sheet, attachments, and document: 12

PATENT
REEL: 9334 FRAME 0760

09057998
00000008 090466
40.00 CH
07/27/1998 DCBATES
07/27/1998

ASSIGNMENT

Docket No. JA997032

Whereas, we

INVENTOR
AND CITY

(1) Tetsuya Tamura
County of Kanagawa-ken
and (2) Masayuki Demura
County of Kanagawa-ken
and (3) Hiroshi Itagaki
County of Kanagawa-ken
and (4) Kohji Yamada
County of Shiga-ken

of Yamato-shi,
and State of Japan,
of Ebina-shi,
and State of Japan,
of Yamato-shi,
and State of Japan,
of Moriyama-shi,
and State of Japan,

have invented certain improvements in

TITLE

DYNAMIC DATA TRANSFER BANDWIDTH CONTROL

DATES THAT
INVENTORS
SIGNED THE
DECLARATION

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

(1) May 11, 1998, (2) May 12, 1998, (3) May 12, 1998,
(4) Jul 15, 1998.

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 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
DATE

(1) at Fujisawa
on ~~Jul 15~~, 1998,

Tetsuya Tamura SIGNATURE
Tetsuya Tamura INVENTOR

CITY
DATE

and (2) at Fujisawa
on May 12, 1998,

Masayuki Demura SIGNATURE
Masayuki Demura INVENTOR

CITY
DATE

and (3) at Fujisawa
on May 12, 1998,

Hiroshi Itagaki SIGNATURE
Hiroshi Itagaki INVENTOR

CITY
DATE

and (4) at Moriyama
on Jul 15, 1998,

Kohji Yamada SIGNATURE
Kohji Yamada INVENTOR