04-25-2003

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To the Assistant Commissioner of Paterns. uinal documents or copy thereof. 4.16.03 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): (1) Philippe DAMON Name: IBM Corporation (2) Claude BASSO (3) Jean L. CALVIGNAC Street Address: New Orchard Road City: Armonk State: NY ZIP: 10504 Additional name(s) of conveying Additional name(s) & address(es) attached? party(ies) attached ☐ Yes ■ No ☐ Yes ■ No 3. Nature of conveyance: **Assignment** Execution Date(s): (1) March 19, 2003 (2) March 21, 2003 (3) March 21, 2003 10418125 Application number(s) or patent number(s): If this document is being filed together with a new patent application, the execution date of the patent application is: March 19, 2003, March 21, 2003, and March 21, 2003. A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? ☐ Yes ■ No. 5. Name and address of party to whom 6. Total Number of applications and patents correspondence concerning document involved: One should be mailed: Name: Joscelyn G. Cockburn 7. Total fee (37 CFR 3.41) \$ 40.00 **IBM** Corporation □ Enclosed Address: IP Law Dept. 9CCA/002-2 Authorized to be charged to deposit account P.O. Box 12195 Research Triangle Park, NC 27709-2195 8. Deposit Account Number: 09-1990 (IBM Corp.) (Attach copy of this page) 04/25/2003 ECDOPER 00000044 091990 10418125 40.00 CH 01 FC:8021 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.

April 16, 2003 Date

Joscelyn G. Cockburn, Reg. No. 27,069

Total number of pages including cover sheet, attachments, and documents: 3

Attorney Docket: RPS920020073US1

PATENT

REEL: 013987 FRAME: 0640

ASSIGNMENT

Whereas, I,

(1) **Philippe DAMON** of Raleigh

State of North Carolina

(2) **Claude BASSO** of Raleigh

State of North Carolina

(3) Jean L. CALVIGNAC of Cary

State of North Carolina

have invented certain improvements in

TITLE METHOD AND SYSTEM FOR OVERSUBSCRIBING BANDWIDTH IN A COMMUNICATIONS NETWORK

and executed a United States Patent Application therefor on the following date(s):

(1)
$$03/19/$$
, 2003 (3) $03/21$, 2003

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.

> PATENT REEL: 013987 FRAME: 0641

Signed and sealed:

RECORDED: 04/16/2003

	LOCATION	<u>DATE</u>	SIGNATURE
(1)	Research Triangle Park, NC	03/19/2003	Philippe DAMON
(2)	Research Triangle Park, NC	03/20/2003	Claude BASSO
(3)	Research Triangle Park, NC	03/21/2003	Jean L. Calvignac

PATENT REEL: 013987 FRAME: 0642