FORM PTO - 1595

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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof 2. Name and address of receiving party Name(s) of conveying party/parties: Alexandre Jay **Eric Saint Georges** International Business Machines Corporation Old Orchard Road Armonk, New York 10504 10-21-99 Yes No Additional Names Attached? 06-24-1999 3. Nature of Conveyance Merger Assignment 101075438 Security Agreement Change of Name Other: Additional Names Attached? No Yes Execution Date(s): 4/1/99, 5/3/99 4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application B. Patent No(s) A. Patent Application No(s) 09/301,820 Yes X No Additional Numbers Attached? 6. Total Number of applications and patents 5. Name and Address of party to whom involved: 1 correspondence concerning the document should be sent: 7. Total fee (37 CFR 3.41)\$ 40.00 Name: Gerald R. Woods **Enclosed** internal Address: Charge to deposit account IBM Corporation, 972/656 8. Deposit account Number: 09-0464 Street Address: (Attach duplicate copy of this page if paying by deposit account PO Box 12195 40E Res. Tri. Park, NC 27709 City/State/Zip: 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. Goods Rhose June 16, 1999 Gerald R. Woods Date Name of Person Signing Total Number of pages including cover sheet, attachments and document Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks; Box Assignments; Washington, D.C. 20231

PATENT

REEL: 010062 FRAME: 0109

ASSIGNMENT

Whereas, we

Alexandre Jay -1

Montreal, Canada

and (2) Eric Saint Georges

> Sscardale, NY - USA of:

have invented certain improvements in

Adaptive Clock Recovery in Asynchronous Transfer Mode Networks

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

And 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.

SIGNED AND SEALED

Scardale Meng 3rd, 99 Eric Sant George

Montreal
june 1, 99

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IBM Docket No.: FR9-98-009

(1) at: Montréal on: june 100, 99

RECORDED: 06/21/1999

and (2) at: Scurdale
on: Mary 30d, 99

Alexandre Jay

2

PATENT REEL: 010062 FRAME: 0111