PATENTS ONLY

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Docket: FR998-027

US Dept. Of Commerce

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

	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
1. Name of conveying party(ies): Alain Blanc Gerard Orengo Michel Poret	2. Name and address of receiving party(ies): Name: IBM Corporation Address: New Orchard Road Armonk, NY 10504
Additional name(s) of conveying party(ies) attached?Yes _X_No	Additional name(s) & addresses attached?Yes _X_No
3. Nature of conveyance: X Assignment Execution Date: 05/12/99; 05/05/99	4. Patent Application number(s) 09/3/5906 Execution Date: 05/12/99; 05/05/99
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications involved: 1
Name: Joscelyn G. Cockburn Address: IBM Corporation Intellectual Property Law D972/B656 P. O. Box 12195 3039 Cornwallis Road RTP, NC 27709	7. Total fee (37 CFR 3.41): \$40.00 L X Charge to Deposit Account No.: 09-0464

8. 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 original document.

Joscelyn G. Cockburn

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05/20/99

Name of Person Signing

Signature

Date

Total no. of pages including cover sheet, attachments and document: _3__

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IBM Docket No.: FR998-027

ASSIGNMENT

Whereas, we

-I Alain Blanc

of: Tourrettes Sur Loup, France

and (2) Gerard Orengo

of: Biot, France

and (3) Michel Poret

of: Gattieres, France

have invented certain improvements in

Switching Apparatus Comprising a Centralized Switch Core and at Least One SCAL Element(s) for the Attachment of Various Protocol Adapters

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

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REEL: 009981 FRAME: 0567

IBM Docket No.: FR998-027

(1) at: La Gwde on: May 12, 1999

and (2) at: Le hande

on: 5/5/ 1999

and (3) at: la Goude

on: Nay 12, 1959

Hain Nanc

Alain Blanc

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Gerard Orengo

Michel Poret

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RECORDED: 05/20/1999

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