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Form PTO-105
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MRD 8-11-98

1. Name of conveying party(ies):
Benoit FABRE, Fabrice NOREILS, Marie BERGER
Additional name(s) of conveying party(ies) attached?
 yes no

2. Name and address of receiving party(ies)?
Name: Alcatel Alsthom Compagnie Generale D'Electricite
54 rue la Boetie
Internal Address: 75008 Paris France
Street Address:
City State Zip
Additional name(s) & address(es) attached?
 yes no

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: February 27, 1998



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)
09/035,038
B. Patent No(s)
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3202

6. Total number of applications and patents involved:
7. Total Fee (37 CFR 3.41): \$ 40.00
 Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-488.
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8. Deposit Account No

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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 J. Cushing
David J. Cushing Reg. No. 28,703 August 11, 1998 Date
TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2

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For Non-U.S. Clients

Assignment

Whereas, I/We, Benoît FABRE, Fabrice NOREILS and Marie BERGER of

hereinafter called assignor(s), have invented certain improvements in A METHOD OF PLANNING SATELLITE REQUESTS BY CONSTRAINED SIMULATED ANNEALING,

and executed an application for Letters Patent of the United States of America therefor on February 27 19 98 ; and

Whereas, ALCATEL ALSTHOM COMPAGNIE GENERALE D'ELECTRICITE
54 Rue La boétie, 75008 PARIS, FRANCE

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application number _____, filed _____) the filing date and application number of said application when known

Date: February 27, 1998 s/ Benoît FABRE

Date: February 27, 1998 s/ Fabrice NOREILS

Date: February 27, 1998 s/ Marie BERGER

Date: s/ _____

Date: s/ _____

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)