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

1. Name of conveying party(ies):
Alain DROUART, Benoît GOUEZ and Pierre RIPOCHE
Additional name(s) of conveying party(ies) attached?
 yes no

Name and address of receiving party(ies)?
Name:
Alcatel Alsthom Compagnie Generale D'Electricite
Internal Address:
54 Rue La Boétie
75008 Paris, FRANCE



3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

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 yes no

Execution Date: April 29, 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) 09/0070,871
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:
One (1)

7. Total Fee (37 CFR 3.41): \$ 40.00
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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 Reg. No. 28,703 JUN 30 1998 Date

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For Non-U.S. Clients

Assignment

Whereas, I/We, Alain DROUART, Benoît GOUEZ and Pierre RIPOCHE of

hereinafter called assignor(s), have invented certain improvements in A METHOD AND APPARATUS FOR MANUFACTURING GLASS FIBER PREFORMS.

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

ALCATEL ALSTHOM COMPAGNIE GENERALE D'ELECTRICITE
54 rue La Boétie
Whereas, 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: April 29, 1998 s/ _____
Alain DROUART

Date: April 29, 1998 s/ _____
Benoît GOUEZ

Date: April 29, 1998 s/ _____
Pierre RIPOCHE

Date: s/ _____

Date: s/ _____

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