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RECORDATION FORM COVER SHEET
PATENTS ONLY



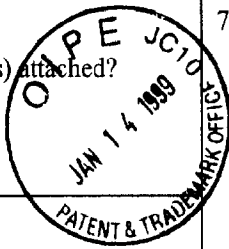
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To the Honorable Commissioner of Patents and Trademarks. Please record the attached document.

1. Name of conveying party(ies):
Sylvie JEUNEHOMME, Jean-Claude GAIGUANT

Additional name(s) of conveying party(ies) attached?
 yes no

2. Name and address of receiving party(ies)?
GEC ALSTHOM TRANSPORT SA
38 avenue Kleber
75116 Paris, France



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

Additional name(s) & address(es) attached?
 yes no

Execution Date: December 21, 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: December 21, 1998

A. Patent Application No.(s) 09/164,572	B. Patent No.(s)
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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. 20037-3213

6. Total number of applications and registration involved:
1

7. Total Fee (37 CFR 3.41): \$40.00
 Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.
 Authorized to be charged to Deposit Account

8. Deposit Account No. 19-4880

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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 January 14, 1999
 Date

TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT: 1

OMB No. 0651-0011 (exp. 4/94)

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Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents and Trademarks
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 Washington, D.C. 20231

01/21/1999 MMARNOL 00000030 09164572
 01 FC:581 40.00 DP

Assignment

Whereas, I/We, JEUNEHOMME Sylvie and GAIGUANT Jean-Claude of

hereinafter called assignor(s), have invented certain improvements in A SWIVEL COUPLING

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

December 21 19 98; and

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75116 PARIS, France

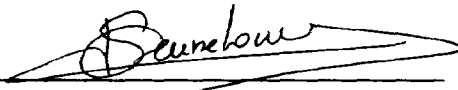
Whereas,

(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;

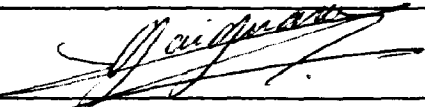
Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

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 09/164,572, filed October 1, 1998) the filing date and application number of said application when known.

Date: 21 décembre 98 
JEUNEHOMME Sylvie

Date: s/ _____

Date: 21 décembre 98 
GAIGUANT Jean-Claude

Date: s/ _____

Date: s/ _____

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