

Client Code: VANMA61.001APC

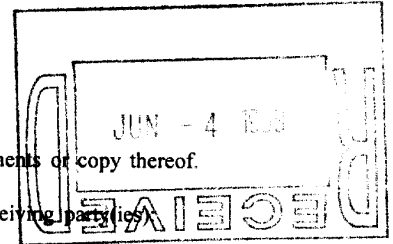
06-24-1998

*MPR 6/4/98*



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R SHEET



TO THE ASSISTANT COMMISSIC

ached original documents or copy thereof.

1. Name of conveying party(ies): (If multiple assignors, list numerically)

- 1. Jean-Pierre Franckart
- 2. Henri Husson

Additional name(s) of conveying party(ies) attached?  
( ) Yes (X) No

2. Name and address of receiving party(ies)

**Name:** GEC ALSTHOM ACEC TRANSPORT S.A.  
**Internal Address:**  
**Street Address:** rue Cambier Dupret 50-52  
**City:** Charleroi **Country:** Belgium **ZIP:** B-6001

Additional name(s) of receiving party(ies) attached?  
( ) Yes (X) No

3. Nature of conveyance:

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other:

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above)

- 1. May 25, 1998
- 2. May 25, 1998

4. Application number(s) or Patent number(s):

( ) Application(s) filed herewith Execution Date(s):

Patent Application No.: 08/952,362  
Filing Date: October 20, 1997  
International Appln. No.: PCT/BE96/00040  
International Filing Date: April 12, 1996  
Priority Date: April 19, 1995

( ) Patent No.:  
Issue Date:

Additional numbers attached? ( ) Yes (X) No

5. Name and address of party to whom correspondence concerning document should be mailed:

**Name:** John M. Carson  
**KNOBBE, MARTENS, OLSON & BEAR, LLP**  
**Customer No. 20,995**  
**Internal Address:** Sixteenth Floor  
**Street Address:** 620 Newport Center Drive  
**City:** Newport Beach **State:** CA **ZIP:** 92660  
**Attorney's Docket No.:** VANMA61.001APC

7. Total fee (37 CFR 3.41): \$40

- Enclosed
- Authorized to be charged to deposit account if any additional fees are required, or to credit any overpayment

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

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.

John M. Carson  
Name of Person Signing

Signature

6/2/98

Date

34,303  
Registration No.

Total number of pages including cover sheet, attachments and document: 5

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents  
Box Assignments  
Washington, D.C. 20231

JMC-7927:sad:060298

KNOBBE, MARTENS, OLSON & BEAR, LLP  
620 NEWPORT CENTER DR 16TH FLOOR NEWPORT BEACH, CA 92660  
(949) 760-0404 FAX (949) 760-9502

PATENT  
REEL: 9254 FRAME: 00901 FC:501

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40.00 OP  
06/24/1998 TTDH11

9/20/97

**ASSIGNMENT**

- (1-6) *Insert Name(s) of Inventors  
+ address*
- (1) FRANCKART Jean-Pierre  
of Chaussée de Charleroi 76, B-6060 MONTIGNIES-SUR-SAMBRE, BELGIUM
- (2) HUSSON Henri  
of Rue Tienne du Moine 34, B-6224 WANFERCEE-BAULET, BELGIUM

In consideration of the sum of one dollar (\$1.00), and other good and valuable considerations paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, the undersigned agree(s) to sell, assign, transfer and set over to

- (7) *Insert Name of Assignee* (7) GEC ALSTHOM ACEC TRANSPORT S.A.  
 (8) *Insert Address of Assignee* (8) of rue Cambier Dupret 50-52, B-6001 CHARLEROI, BELGIUM  
 (9) *Insert Legal Entity and State or Country (e.g., a corporation or citizen of Japan)* (9) a corporation of BELGIUM

(herein after designated as the Assignee), its successors and legal representatives the entire right, title and interest for the United States, its territories, dependencies and possessions and in any and all foreign countries, in the invention known as

- (10) *Insert Identification of Invention, such as Title, Case Number or Foreign Application Number* (10) AC INPUT CELL INTENDED FOR DATA ACQUISITION CIRCUITS

for which the undersigned has (have) executed an application for patent in the United States of America and/or in any other country to the full end of the term for which said patent may be granted

- (11) *Insert Date of Signing of Application, or filing date and Serial No., if known* (11) Said application having been executed/filed on ...Oct. 20, 1997  
(and assigned Serial No. ...) 08/952,362  
I.A. Filing Date: April 12, 1996  
I.A. Appln. No.: PCT/BE96/00040

- 1) The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee, its successors and legal representatives may deem necessary or expedient.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuing or divisional applications thereof and to cooperate with the Assignee, its successors and legal representatives in every way possible in obtaining evidence and going forward with such interference.
- 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Union for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent and/or a grant of a valid patent in any other country, to the Assignee, its successors and legal representatives.
- 5) The undersigned hereby authorise(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States resulting from this application or any continuing or divisional applications thereof to the said Assignee, its successors and legal representatives, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

PATENT

REEL: 9254 FRAME: 0010

6) The undersigned agree(s) to communicate to the said Assignee, its successors and legal representatives any facts known to him (them) respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths and generally do everything possible to aid the said Assignee, its successors and legal representatives to obtain and enforce proper patent protection for said invention in any country.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

<i>Date</i>	May 25, 1998	FRANCKART Jean-Pierre	
		<i>Name of Inventor</i>	<i>(Signature)</i>
<i>Date</i>		HUSSON Henri	
		<i>Name of Inventor</i>	<i>(Signature)</i>

This assignment should preferably be signed before a United States Consul if signed abroad, or a Notary Public if domestically signed. If not, then the execution by the inventor(s) should be witnessed by at least two witnesses who sign here:

*Witness*

*Witness*

Additional inventor's names and signatures on a separate sheet

ASSIGNMENT

(1-6) *Insert Name(s) of Inventors  
+ address*

(1) HUSSON Henri  
of Rue Tienne du Moine 34, B-6224 WANFERCEE-BAULET,  
BELGIUM

In consideration of the sum of one dollar (\$1.00), and other good and valuable considerations paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, the undersigned agree(s) to sell, assign, transfer and set over to

(7) *Insert Name of Assignee*  
(8) *Insert Address of Assignee*  
(9) *Insert Legal Entity and State or  
Country (e.g., a corporation or  
citizen of Japan)*

(7) GEC ALSTHOM ACEC TRANSPORT S.A.  
(8) of rue Cambier Dupret 50-52, B-6001 CHARLEROI, BELGIUM  
(9) a corporation of BELGIUM

(herein after designated as the Assignee), its successors and legal representatives the entire right, title and interest for the United States, its territories, dependencies and possessions and in any and all foreign countries, in the invention known as

(10) *Insert Identification of Invention,  
such as Title, Case Number or  
Foreign Application Number*

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(11) *Insert Date of Signing of  
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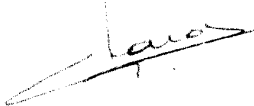
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- 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Union for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent and/or a grant of a valid patent in any other country, to the Assignee, its successors and legal representatives.
- 5) The undersigned hereby authorise(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States resulting from this application or any continuing or divisional applications thereof to the said Assignee, its successors and legal representatives, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.
- 6) The undersigned agree(s) to communicate to the said Assignee, its successors and legal representatives any facts known to him (them) respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths and generally do everything possible to aid the said Assignee, its successors and legal representatives to obtain and enforce proper patent protection for said invention in any country.


PATENT

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date *May 25, 1998*      HUSSON Henri  
Name of Inventor      (Signature)

This assignment should preferably be signed before a United States Consul if signed abroad, or a Notary Public if domestically signed. If not, then the execution by the inventor(s) should be witnessed by at least two witnesses who sign here:

Witness  CHARON Claude

Witness  Jean Claude

Additional inventor's names and signatures on a separate sheet