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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 original documents or copy thereof.

1. Name of conveying party(ies):

STANLEY D. SHAKENIS

PHILIP T. LEONARD

RANDALL D. PAYNE

Additional name(s) & address(es) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: WABTEC HOLDING CORPStreet Address: 1001 AIR BRAKE AVENUEWILMERDING, PA 15148-0001Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: 4-27-06

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. Application No.(s): 10/411,685

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

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

Name of Agent: James O. Ray, Jr.Name: JAMES RAY & ASSOCIATES

Internal Address:

Street Address: 2640 PITCAIRN ROADCity: MONROEVILLE State: PA ZIP: 15146

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41)

\$ 40.00

Enclosed

☒ Payment by credit card. Form PTO-2038 is attached

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

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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.

James O. Ray, Jr.

NAME OF PERSON SIGNING

SIGNATURE

May 2, 2006

DATE

Total number of pages including cover sheet, attachments, and document: 2Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
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REEL: 017852 FRAME: 0207

PATENT

For: ☐ U.S. and/or ☐ Foreign Rights  
For: ☒ U.S. Application or ☐ U.S. Patent  
By: ☐ Inventor(s) or ☒ Present Owner

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

Westinghouse Air Brake Technologies  
Corporation

(inventor(s) or

(Type or print name(s) of ASSIGNOR(S))

person(s) or entity(ies)  
who own the invention)

1001 Air Brake Avenue  
Address  
Wilmerding, Pennsylvania 15148

\_\_\_\_\_  
Nationality

(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following)

Recorded on April 11, 2003  
Reel 013959  
Frame 0242

hereby sells, assigns and transfers to  
ASSIGNEE:

WABTEC HOLDING CORP.  
(Type or print name(s) of ASSIGNEE)

1001 Air Brake Avenue  
Address  
Wilmerding, Pennsylvania 15148

\_\_\_\_\_  
Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

☒ the entire right, title and interest

☐ an undivided \_\_\_\_\_ percent (\_\_\_\_\_% ) interest

for the United States and its territorial possessions

(check the following box if foreign rights are also to be assigned)

☒ and in all foreign countries, including all rights to claim priority, in and to any  
and all improvements which are disclosed in the invention entitled:

INLET MANIFOLD TEMPERATURE CONTROL SYSTEM FOR AN INTERNAL COMBUSTION ENGINE

(check and complete (a), (b), (c) or (d))

and which is found in

(Assignment of Invention [16-3]-page 1 of 2)

PATENT

REEL: 017852 FRAME: 0208

- (a) ☐ U.S. patent application executed on even date herewith  
(b) ☐ U.S. patent application executed on \_\_\_\_\_  
(c) ☒ U.S. application serial no. 10/411,685 filed on April 11, 2003  
(d) ☐ U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_  
(also check (e) if foreign application(s) is also being assigned)  
(e) and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any re-issue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this 4/27/06  
(Date of signing).

WARNING: Date of signing must be the **same** as the date of execution of the application if item (a) was checked above.

David M. Seitz  
Signature of ASSIGNOR(S)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

If ASSIGNOR is a legal entity complete the following information

David M. Seitz  
Type or print the name of the above person  
authorized to sign on behalf of ASSIGNOR  
Senior Counsel and Assistant Secretary  
Title

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it only be prima facie evidence of execution 35 USC 261. Use next page if notarization is desired.  
☐ Notarization or Legalization Page Added.

(Assignment of Invention [16-3]-page 2 of 2)