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FORM PTO-1595

(Rev. 6-93)

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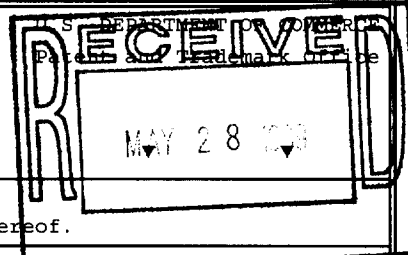


SHEET

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

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To the Assistant Commissioner for Patents:  
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Stefan EMMERLING

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: April 6, 1999

2. Name and address of receiving party(ies)

Name: ABB DAIMLER-BENZ TRANSPORTATION  
(TECHNOLOGY) GmbH

Internal Address: \_\_\_\_\_

Street Address: Saatwinkler Damm 43,  
D-13627 Berlin, Germany

City: \_\_\_\_\_

State: \_\_\_\_\_ ZIP: \_\_\_\_\_

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

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)

09/147,909, received 23 March 1999

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Russell D. OrkinInternal Address: Webb Ziesenheim BrueningLogsdon, Orkin & Hanson, P.C.Street Address: 700 Koppers Building436 Seventh AvenueCity: Pittsburgh State: PA ZIP: 15219-18186. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$ 40.00

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit account number: \_\_\_\_\_

(Attach triplicate 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

Russell D. OrkinName of Person Signing  
Reg. No. 25,363

Signature

May 26, 1999

Date

Total number of pages including cover sheet, attachments and document

3

Mail documents to be recorded with required cover sheet information to:  
Assistant Commissioner for Patents, Box Assignments  
Washington, D.C. 20231

06/02/1999 DMSUYEN 00000100 09147909

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PATENT  
REEL: 009983 FRAME: 0351

## ASSIGNMENT

WHEREAS, WE, ULRICH HACHMANN, ALEXANDER HOROSCHENKOFF, STEFAN EMMERLING and CHRISTIAN MAURITZ, residing in Pyrbaum, Germany; München, Germany; Taufkirchen, Germany and Leinfelden, Germany, respectively, have invented certain new and useful improvements in RUNNING GEAR FOR A RAIL VEHICLE for which we have this day executed an application for United States Letters Patent, as initiation of the National Phase of International Application No. PCT/EP98/03414, filed 08 June 1998;

AND, WHEREAS ABB DAIMLER-BENZ TRANSPORTATION (TECHNOLOGY) GmbH, a corporation of Germany, having a place of business at Saatwinkler Damm 43, D-13627 Berlin, Germany, hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to us by said assignee, the receipt of which is hereby acknowledged, we do hereby assign, sell, transfer, and set over unto said assignee the entire right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by us had this assignment not been made.

The Assistant Commissioner for Patents is requested to issue such Letters Patent in accordance herewith. We covenant that we are the lawful owners of the said application, inventions, and improvements, that the same are unencumbered, that no license has been granted to make, use, or vend the said inventions or improvements or any of them, and that we have the full right to make this assignment.

And for the consideration aforesaid, we agree jointly and individually that we will communicate to said assignee or the representatives thereof any facts known to us respecting said inventions and improvements, and will, upon request, but without expense to us, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further

lawful acts, deemed necessary or expedient by said assignee or by counsel for said assignee, to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This assignment shall be binding upon our heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.

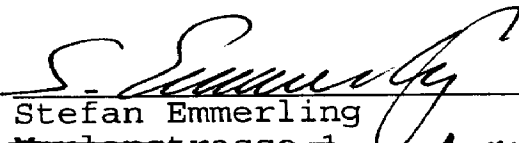
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Date

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Date

  
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