

02-16-2006

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**  
Gerhard Lueger  
Christian Kitzmuller  
Gerard Salzgeber  
Michael Schmeja  
Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**  
Name: Siemens Transportation Systems GmbH & Co KG  
Internal Address: \_\_\_\_\_  
Street Address: Leberstrasse 34  
City: A-1100 Vienna  
State: \_\_\_\_\_  
Country: Austria Zip: \_\_\_\_\_  
Additional name(s) & address(es) attached?  Yes  No

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FINANCE SECTION

**3. Nature of conveyance/Execution Date(s):**  
Execution Date(s) <sup>January 25, 2006 (Lueger)</sup> January 23, 2006  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**  This document is being filed together with a new application.  
A. Patent Application No.(s)  
11/273,408  
B. Patent No.(s)  
Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**  
Name: Anton P. Ness, Esquire  
Internal Address: Monte & McGraw, P.C.  
P.O. Box 650  
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Fax Number: 610-584-9783  
Email Address: aness@montemcgraw.com

**6. Total number of applications and patents involved:** 1  
**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**  
 Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed Check #11907  
 None required (government interest not affecting title)

**8. Payment Information**  
a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_  
b. Deposit Account Number \_\_\_\_\_  
Authorized User Name 02/16/2006 LMUELLER 00000090 11273400  
01 FC:0021 40.00

**9. Signature:** Anton P. Ness Signature February 13, 2006 Date  
Anton P. Ness  
Name of Person Signing  
Total number of pages including cover sheet, attachments, and documents: 6

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Attorney Docket No: Mat-0024

JOINT

**ASSIGNMENT**

**WHEREAS**, we, **Gerhard Lueger**, a citizen of Austria with a post office address of Löffelbach 35, A-8230 Hartberg, Austria, **Christian Kitzmüller**, a citizen of Austria with a post office address of Baumschulgasse 4, A-8010 Graz, Austria, **Gerard Salzgeber**, a citizen of Austria with a post office address of Seidenhofstrasse 123, A-8020 Graz, Austria and **Michael Schmeja**, a citizen of Austria with a post office address of Krausgasse 35, A-8020 Graz, Austria, hereinafter generally referred to as "ASSIGNORS", have invented a certain new and useful

**Detection of Derailment by Determining the Rate of Fall**

for which we have executed a United States patent application, Application No. 11/273,408, filed November 14, 2005, and

**ASSIGNORS** authorize **ASSIGNEE** or **ASSIGNEE's** representative to insert the Application Number and Filing date of this application if they are unknown at the time of execution of this Assignment.

**WHEREAS**, Siemens Transportation Systems GmbH & Co KG an Austrian corporation having a place of business at Leberstrasse 34, A-1100 Vienna, Austria, hereinafter generally referred to as "**ASSIGNEE**", is desirous of acquiring said invention and said patent application.

**NOW, THEREFORE**, in consideration of the sum of One Dollar and other good and valuable executed consideration, the full receipt and sufficiency of all of which are hereby acknowledged, and intending to be legally bound hereby, we, the undersigned **ASSIGNORS**, hereby agree to sell, assign, transfer and convey and by these presents do sell, assign, transfer and convey unto the above-named **ASSIGNEE**, the whole and entire right, title and interest

in and to said invention as described in the above patent application, for the territory of the United States and its possessions and territories and all foreign countries;

in and to the above patent application and any and all related United States and foreign patent applications disclosing said invention, including provisionals, non-provisionals, divisions and continuations thereof, along with all rights of priority created by said patent application under any treaty relating thereto; and

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in and to all United States and foreign patents which may be granted on any and all of said patent applications, including extensions, reissues and reexamination certificates thereof;

said invention, application(s) and patent(s) to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and benefit, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said patent(s) may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNORS had this assignment and sale not been made; and for the aforesaid consideration ASSIGNORS hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the patent(s) hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS.

(Date) 25. 1. 2006 *Gerhard Lueger* (Seal)  
**Gerhard Lueger**

(Date) 25. 1. 2006  
Witness *[Signature]*  
(Zeuge)

(Date) 23. 1. 2006 *Christian Kitzmüller* (Seal)  
**Christian Kitzmüller**

(Date) 23. 1. 2006  
Witness *[Signature]*  
(Zeuge)

(Date) 23. 1. 2006 *Gérard Salzgeber* (Seal)  
**Gérard Salzgeber**

(Date) 23. 1. 2006  
Witness *[Signature]*  
(Zeuge)

(Date) 23.1.2006

*Michael Schmeja* (Seal)  
**Michael Schmeja**

(Date) 23.1.2006

*[Signature]*  
Witness (Zeuge)