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### 1. Name of conveying party(ies)

RUDOLF MÜHLENBEIN, June 13, 2008  
ANDREAS NESTLER, June 21, 2008

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

### 3. Nature of conveyance/Execution Date(s):

Execution Date(s) Please See Above

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
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☐ Other

### 2. Name and address of receiving party(ies)

Name: Lucas Automotive GmbH

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

Street Address: Carl-Spaeter-Strasse 8

City: 56070 Koblenz

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

Country: Germany

Zip: \_\_\_\_\_

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

### 4. Application or patent number(s):

A. Patent Application No.(s)

12/086,794 filed June 19, 2008

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: John B. Molnar, Reg. No. 31,914

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State: Ohio

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Phone Number: 419-255-5900

Fax Number: 419-255-9639

Email Address: molnar@mstfirm.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 to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

### 8. Payment Information

Deposit Account Number 13-0005

Authorized User Name MacMillan Sobanski Todd

### 9. Signature:

John B. Molnar

Signature

October 6, 2008

Date

John B. Molnar

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

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Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

CH \$40.00 130005 12086794

Attorney Docket No. 1-50245

ASSIGNMENT

FOR VALUE RECEIVED, We,

MÜHLENBEIN, Rudolf, Lilienweg 24, 53501 Graftschaft, Germany  
NESTLER, Andreas, Lindenholt 34, 18107 Elmenhorst/Lichtenhagen, Germany

hereby sell, assign, transfer and convey unto LUCAS AUTOMOTIVE GMBH of Carl-Spaeter-Strasse 8,  
56070 Koblenz, Germany,  
a corporation duly organized under the laws of Germany, its successors, assigns and legal  
representatives (hereinafter called the "Assignee"), our entire right, title and interest, for the United States  
and its territorial possessions, and in any and all foreign countries, in and to certain inventions which we have  
invented relating to a

MOTOR CONTROL CIRCUIT WITH MALFUNCTION MONITORING

as described in an application for Letters Patent of the United States

- ☐ for which an application for a United States Patent was executed on \_\_\_\_\_,
- ☒ for which an application for a United States Patent was filed on June 19, 2008,  
Application Number 12 / 086,794  
and which was amended on June 19, 2008

and in and to said application, and all divisions, renewals, and continuations thereof, and all Letters Patent of  
the United States which may be granted thereon, and all reissues and extensions thereof, and all other lawful  
forms of protection for said inventions in the United States and its territories, and in any and all foreign  
countries.

AND, to comply with 37 CFR 3.21 for recordal of this assignment in the U.S. Patent and Trademark  
Office, we hereby authorize and request our attorney to insert above the filing information when it becomes  
known.

AND we authorize and empower the said Assignee or nominees to invoke and claim for any  
application for patent or other form of protection for said inventions filed by it or them, in the United States  
and its territories and in any and all foreign countries, the benefit of the right of priority provided by any  
international convention or agreement including, but not limited to, the Paris Convention for the Protection  
of Industrial Property, as amended, the Patent Cooperation Treaty, as amended, or by any convention which  
may henceforth be substituted therefor, and to invoke and claim such right of priority without further written  
or oral authorization from us.

AND we hereby consent that a copy of this assignment shall be deemed a full and legal formal  
equivalent of any assignment, consent to file or like document which may be required in the United States for  
any purpose and more particularly in proof of the right of said Assignee or nominees to claim the aforesaid  
benefit of the right of priority provided by the International Convention for the Protection of Industrial  
Property, as amended, or by any convention which may henceforth be substituted for it.

AND we hereby covenant that we have the full right to convey our entire right, title and interest  
herein assigned and that we have not executed and will not execute any agreement in conflict herewith.

AND we hereby covenant and agree that we will communicate to said Assignee or nominees all facts known to us pertaining to said inventions, and reasonably assist in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper to aid said Assignee or nominees in obtaining, maintaining and enforcing all lawful patent protection and any other lawful form of protection for said inventions in the United States and its territorial possessions and in any and all foreign countries.

IN TESTIMONY WHEREOF,

Witness my hand this 13 day of Jun, 2008.

*[Signature]*

Witness my hand this 21 day of June, 2008.

*[Signature]*

Witness my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

Witness my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

Witness my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

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## FACSIMILE TRANSMISSION

**To:** Assignment Division

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**Fax:** (571) 273-0140

**Date:** October 6, 2008

**From:** Kathryn L. Hetherwick for John B. Molnar, Reg. No. 31,914

**Total Pages:** 4

In re the Application of:  
RUDOLF MÜHLENBERG, et al.

Serial No. 12/086,794

Filed: June 19, 2008

For: MOTOR CONTROL CIRCUIT WITH  
MALFUNCTION MONITORING

)  
) Confirmation No. 2707  
)

) Group Art Unit:  
)

) Attorney Docket 1-50245  
)

) Examiner  
)

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Any outstanding fees due in connection with this patent should be charged to Deposit Account No. 13-0005.

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**PATENT**