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RECORDATION
PATE

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)
See Attached

2. Name and address of receiving party(ies)

Name: ArvinMeritor Emissions Technologies GmbH

Internal Address: _____

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

Street Address: Biberbachstrasse 9

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

Execution Date(s) See Attached

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

City: 86154 Augsburg

State: _____

Country: GERMANY

Zip: _____

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

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Kevin D. Bailey

Internal Address: BARNES & THORNBURG LLP

Street Address: 11 S. Meridian Street

City: Indianapolis

State: IN Zip: 46204

Phone Number: (317) 231-7724

Fax Number: (317) 231-7433

Email Address: kbailey@btlaw.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
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit Account Number 10-0435

Authorized User Name Barnes & Thornburg LLP

9. Signature: Kevin D. Bailey

Signature

June 17, 2005

Date

Kevin D. Bailey

Name of Person Signing

Total number of pages including cover

10

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

06/22/2005 RMEBRAHT 00000037 11155977

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113211 U.S. PTO
11/155977
061705

ATTACHMENT TO RECORDATION FORM COVER SHEET

<u>Name of Conveying Party</u>	<u>Execution Date</u>
Clive D. Telford	May 3, 2005
Helmut Venghaus	May 26, 2005
Lee Watts	June 15, 2005
Andreas Mayr	May 26, 2005
Marco Ranalli	May 26, 2005
Peter Kroner	May 26, 2005
David Herranz	April 18, 2005
Gregg Speer	May 26, 2005
Stefan Schmidt	May 26, 2005
A. Steven Walleck	May 2, 2005

Attorney Docket No.: 9501-76296
 Client Reference No.: 04ARM0459

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned,

Name(s) of Inventor(s) Clive D. Telford, Helmut Venghaus, Lee Watts,
Andreas Mayr, Marco Ranalli, Peter Kroner
David Herranz, Gregg Speer, Stefan Schmidt and,
A. Steven Walleck

maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled

Title of Application METHOD AND APPARATUS FOR BUBBLE INJECTION OF AGENT INTO EXHAUST
GAS FOR USE WITH EMISSION ABATEMENT DEVICE

the undersigned hereby sell(s), assign(s), and set(s) over to

Name of Assignee ArvinMeritor Emissions Technologies GmbH

Address of principal place of business Biberbachstrasse 9
86154 Augsburg, GERMANY

Insert State of Incorporation (if applicable) or "Not Applicable" a corporation of Germany HRB 20757 (Augsburg)

(hereinafter designated as the Assignee) their entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) in the United States and foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such applications, and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the application(s) or continuation, division, reissue, or reexamination thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or litigation.

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 Convention for Protection of Industrial Property or similar agreements.

ASSIGNMENT TO BUSINESS CONCERN

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I have executed this assignment at Warta
this 3rd day of May, 2005

[Signature]
Witness
S CLARKE

[Signature]
Inventor (Signature)

[Signature]
Witness
D BRAY

Clive D. Telford
Inventor (Printed Name)

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____

Witness

Inventor (Signature)

Witness

Helmut Venghaus
Inventor (Printed Name)

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____

Witness

Inventor (Signature)

Witness

Lee Watts
Inventor (Printed Name)

ASSIGNMENT TO BUSINESS CONCERN

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____.

Witness

Inventor (Signature)

Witness

Clive D. Telford

Inventor (Printed Name)

IN WITNESS WHEREOF, I have executed this assignment at Columbus, IN
this 21st day of May, 2005

Pamela a. Kachw

Witness

H. Venhaus

Inventor (Signature)

Witness

Helmut Venhaus

Inventor (Printed Name)

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____.

Witness

Inventor (Signature)

Witness

Lee Watts

Inventor (Printed Name)

ASSIGNMENT TO BUSINESS CONCERN

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____

Witness

Inventor (Signature)

Witness

Clive D. Telford
Inventor (Printed Name)

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____

Witness

Inventor (Signature)

Witness

Helmut Venghaus
Inventor (Printed Name)

IN WITNESS WHEREOF, I have executed this assignment at _____
this 15th day of June, 2005

Pamela A. Kachew
Witness

[Signature]
Inventor (Signature)

Witness

Lee Watts
Inventor (Printed Name)

IN WITNESS WHEREOF, I have executed this assignment at Columbus, IN
this 26th day of May 2005
Pamela a Kachur Andreas Mayr
Witness Inventor (Signature)

Witness Inventor (Printed Name)
Andreas Mayr

IN WITNESS WHEREOF, I have executed this assignment at Columbus IN
this 26th day of May 2005
Pamela a Kachur M. Ranalli
Witness Inventor (Signature)

Witness Inventor (Printed Name)
Marco Ranalli

IN WITNESS WHEREOF, I have executed this assignment at Columbus IN
this 26th day of May 2005
Pamela a Kachur Peter Kroner
Witness Inventor (Signature)

Witness Inventor (Printed Name)
Peter Kroner

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____

Witness Inventor (Signature)

Witness Inventor (Printed Name)
David Herranz

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____.

Witness

Inventor (Signature)

Witness

Andreas Mayr
Inventor (Printed Name)

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____.

Witness

Inventor (Signature)

Witness

Marco Ranalli
Inventor (Printed Name)

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____.

Witness

Inventor (Signature)

Witness

Peter Kroner
Inventor (Printed Name)

IN WITNESS WHEREOF, I have executed this assignment at ARVINMONTOR, PAMPLONA, SPAW
this 18 day of APRIL, 2005

Jorge Cacho
Witness

[Signature]
Inventor (Signature)

JUAN JOSÉ ITURREGUI ABAD
Witness

David Herranz
Inventor (Printed Name)

IN WITNESS WHEREOF, I have executed this assignment at
this 26th day of May, 2005 Columbus IN

Pamela A. Kachur
Witness

[Signature]
Inventor (Signature)

Witness

Gregg Speer
Inventor (Printed Name)

IN WITNESS WHEREOF, I have executed this assignment at
this 26th day of May, 2005 Columbus IN

Pamela A. Kachur
Witness

[Signature]
Inventor (Signature)

Witness

Stefan Schmidt
Inventor (Printed Name)

IN WITNESS WHEREOF, I have executed this assignment at
this _____ day of _____, _____

Witness

Inventor (Signature)

Witness

A. Steven Wallick
Inventor (Printed Name)

IN WITNESS WHEREOF, I have executed this assignment at
this _____ day of _____, _____

Witness

Inventor (Signature)

Inventor (Printed Name)

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____,

Witness

Inventor (Signature)

Witness

Gregg Speer

Inventor (Printed Name)

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____,

Witness

Inventor (Signature)

Witness

Stefan Schmidt

Inventor (Printed Name)

IN WITNESS WHEREOF, I have executed this assignment at _____
this 2nd day of May, 2005,

[Signature]

Witness

[Signature]

Inventor (Signature)

Nicholas J. Fedak

Witness

A. Steven Walleck

Inventor (Printed Name)

IN WITNESS WHEREOF, I have executed this assignment at _____
this _____ day of _____,

Witness

Inventor (Signature)

Inventor (Printed Name)