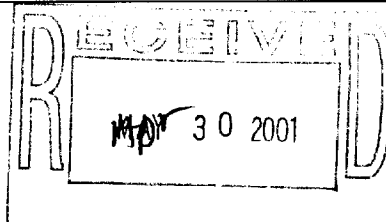


FORM PTO-1585

05-10-2001



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

1. Name of conveying party(ies):

Roland STAHL
Thomas BRINZ
Sabine THIEMANN-HANDLER

Additional name(s) of conveying parties attached? Yes
 No

2. Name and address of receiving party(ies)

Name: Robert Bosch GmbH
Internal Address: _____
Street Address: Postfach 30 02 20
City: D-70442 Stuttgart
State: Federal Republic of Germany
ZIP: _____

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other: _____

Execution date(s): April 10, 2001; April 9, 2001; April 10; 2001

4. Application numbers or patent numbers:

Execution date of application is:

A. Patent Applications: 09/786,407

B. Patent No.(s)

Additional Numbers attached? Yes No

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

Name: Richard L. Mayer
Internal Address: KENYON & KENYON
Street Address: One Broadway
City: New York State: New York ZIP: 10004

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. 3.41) \$ 40.00
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8. Deposit account number:
11-0600

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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.

Richard L. Mayer (Reg. No. 22,490)
Name of Person Signing

Richard L. Mayer
Signature

4/27/01
Date

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05/09/2001 GTDN11 00000284 110600 09786407

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PATENT
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ASSIGNMENT

WHEREAS, we,

Roland STAHL
Finkenweg 11
71691 Freiberg
Federal Republic of Germany
Citizenship: Federal Republic of Germany

Thomas BRINZ
Vordere Str. 113
73266 Bissingen
Federal Republic of Germany
Citizenship: Federal Republic of Germany

and

Sabine THIEMANN-HANDLER
Heimst aettenstrasse 29
70435 Stuttgart
Federal Republic of Germany
Citizenship: Federal Republic of Germany

have made inventions and discoveries in **ELECTROMECHANICAL GAS SENSOR AND METHOD FOR DETERMINING GASEOUS COMPONENTS**, for which an application for Letters Patent was filed as PCT International Application No. **PCT/DE00/02141** on June 30, 2000 and

WHEREAS **Robert Bosch GmbH**, having a place of business at **Postfach 30 02 20, D-70442 Stuttgart, Federal Republic of Germany**, and who, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited.

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

- 1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said inventions

Express Mail No.

and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries, including all divisional, renewal, substitute, and continuation applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.

2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under an International Convention or otherwise.

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

4. Warrant that we have not conveyed to others any right, title, or interest in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; that we have good right to assign the same to Assignee without encumbrance; and that we are aware of no claim to the contrary.

5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal

representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries; and to testify to the same in any interference, arbitration, or litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand
and seal this 10th day of April, 2001.

Roland Stahl
Roland STAHL

IN TESTIMONY WHEREOF, I have hereunto set my hand
and seal this 9th day of April, 2001.

Thomas Brinz

Thomas BRINZ

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal
this 10th day of April, 2001.

Sabine Thiemann-Handler

Sabine THIEMANN-HANDLER

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