| FORM PTO-1595 RE( (Rev. 6-93) A / /)                                                                                                               | 05-2                    | 9-2002                                            | ET U.S. DEPARTMENT OF COMMER                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------------------------------------|----------------------------------------------------------------------------------------|
| (Rev. 6-93)<br>OMB No. 0651-0011(exp. 4/94)                                                                                                        |                         |                                                   | Patent and Trademark Of                                                                |
| To the Honorable Commissioner of Patent                                                                                                            | ( Janier Dan mans men n |                                                   | 1010 Hetter Strate 2 2 MAR 2002                                                        |
| To the Honorable Commissioner of Patent                                                                                                            | 1021                    | 05112                                             | ached original documents or copy thereo                                                |
| Name of conveying party(ies):                                                                                                                      |                         |                                                   | ress of receiving party(ies):<br>Bosch GmbH                                            |
| 1. Michael Lehner                                                                                                                                  |                         | Name: Robert                                      | DOSCH GINDII                                                                           |
| 2. Andrea Lohmann                                                                                                                                  | _                       | Address:                                          |                                                                                        |
| Additional name(s) of conveying party(ies) attached?  3. Nature of conveyance:                                                                     | ☐ Yes 🗷 No              | 70839                                             | r-Bosch-Platz 1<br>Gerlingen-Schillerhoehe<br>al Republic of Germany                   |
| ■ Assignment                                                                                                                                       | er<br>e of Name         |                                                   |                                                                                        |
| Execution Date: 1. 13 Dec 01 2. 20 Dec 01                                                                                                          |                         | Additional name(s) & add                          | dress(es) attached?                                                                    |
| <ol> <li>Application number(s) or patent number of this document is being filed together with A. Patent Application No. PCT/DE 00/03024</li> </ol> |                         | B. Patent No.                                     | e of the application is:                                                               |
| A                                                                                                                                                  | dditional numbers a     | <br>ittached? □ Yes Ⅸ N                           | No                                                                                     |
| 5. Name and address of party to whom of<br>dence concerning document should be<br>Name: Walter Ottesen<br>Patent Attorney  Address: P.O. Box 4026  | correspon-              | 6. Total number of 7. Total fee (37 CF ☑ Enclosed | applications and patents involved: 1  FR 3.41): \$40.00  be charged to deposit account |
| Gaithersburg, Maryland                                                                                                                             | 20885-4026              | 8. Deposit account15-0773                         |                                                                                        |
| $\overline{}$                                                                                                                                      | DO NOTUO                |                                                   | this page if paying by deposit account)                                                |
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| . Statement and signature. o the best of my knowledge and belief, the for of the original document.                                                | oregoing informa        | ation is true and corre                           | ct and any attached copy is a true copy                                                |
| Walter Ottesen  Name of Person Signing                                                                                                             | Signature               | m                                                 | March 22, 2002                                                                         |
| Traine of Forson Organing                                                                                                                          | Signature               | Total number of pages                             | Date comprising cover sheet: 3                                                         |

Mail documents to be recorded with required cover sheet Information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

PATENT REEL: 012921 FRAME: 0354

## **ASSIGNMENT**

Whereas, We, MICHAEL LEHNER of Vaihinger Strasse 16, 75417 Muehlacker, Federal Republic of Germany, and ANDREA LOHMANN of Himmerreichstrasse 37, 70195 Stuttgart, Federal Republic of Germany, have invented certain new and useful improvements in Combustion Misfire Detection, the specification of which was filed as PCT international application number PCT/DE 00/03024 on September 2, 2000, and for which the Declaration for the application for United States Letters Patent has been executed on even date herewith, (said application having Attorney Docket No. R 37032); and,

Whereas, ROBERT BOSCH GMBH, Stuttgart, Federal Republic of Germany, a corporation organized and existing under the laws of the Federal Republic of Germany and having its principal office at Robert-Bosch-Platz 1, 70839 Gerlingen-Schillerhöhe, Federal Republic of Germany (hereinafter referred to as BOSCH and having its mailing address as: Robert Bosch GmbH, Postfach 30 02 20, 70442 Stuttgart, Federal Republic of Germany), is desirous of obtaining Letters Patent for said invention in the United States;

Now, therefore, we hereby confirm that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have transferred unto said BOSCH, its successors, assigns, nominees or other legal representatives, the full and exclusive right to said invention in the United States and have agreed to assign and transfer and do hereby assign and transfer unto said BOSCH, its successors, assigns, nominees or other legal representatives, the full and exclusive right, title and interest in and to said application including all priority rights under the International Convention for the Protection of Industrial Property associated therewith and the full and exclusive right to any and all Letters Patent which may be granted in the United States on said application.

We agree for ourselves and for our heirs, executors and administrators to communicate to said BOSCH, its successors, assigns, nominees or other legal representatives, all facts known to us respecting said improvements, whenever requested, and testify in any

1

legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and do all lawful acts requisite for the application, for such divisional, continuing or reissue applications or the procuring thereof, and we further covenant and agree that we will, at any time upon request, do everything legally possible to aid said BOSCH, its successors, assigns, nominees or other legal representatives, either in its or their own name, to maintain and enforce any patent for said improvements without further consideration but at the expense of said BOSCH, its successors, assigns, nominees or other legal representatives.

We hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all Letters Patent which may be granted upon any of said applications, to said BOSCH as the Assignee of the entire right, title and interest in and to the same, for its sole use and behoof; and for the use and behoof of its successors, assigns, nominees, or other legal representatives, to the full end of the term for which said Letters Patent may be granted.

Witness:

There didal files

Date: 19. Dec. 2001 \_ \_

Witness:

**RECORDED: 03/22/2002** 

Date: 20 Dez. 2001

2