

04-08-2005



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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.

50-5-4

1. Name of conveying party(ies)/Execution Date(s):  
Hitachi, Ltd.

Execution Date(s) March 9, 2005

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



2. Name and address of receiving party(ies)  
Name: **Honda Motor Co., Ltd.**  
Address: **Tokyo, Japan**

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

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

4. Application number(s) or patent number(s):  This document is being filed together with a new application.

A. Patent Application No.(s)  
**10/119,075**

B. Patent Registration No.(s)

Additional number(s) attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: **Crowell & Moring LLP  
Intellectual Property Group**

Internal Address:  
**PO Box 14300  
Washington DC  
20044-4300**

Phone Number: **202-624-2500**  
Fax Number: **202-628-8844**  
Email Address: \_\_\_\_\_

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 \_\_\_\_\_  
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b. Deposit Account Number **05-1323**  
Authorized User Name **23911**

9. Signature: *Gary R Edwards* Signature April 5, 2005 Date

Gary R. Edwards, Reg. No. 31,824 Total number of pages including cover sheet, attachments, and documents: **2**  
Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
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04/07/2005 BYRNE 00000150 10119075  
01 FC:8021 40.00 OP

ASSIGNMENT

Recitals

United States Patent Application Serial No. 10/119,075, filed April 10, 2002 for EXHAUST GAS PURIFICATION APPARATUS OF INTERNAL COMBUSTION ENGINE AND CATALYST FOR PURIFYING EXHAUST GAS OF INTERNAL COMBUSTION ENGINE was assigned to *Hitachi, Ltd.* by the inventors *Hiroshi Hanaoka et al*, by an assignment of the parent application, Serial No. 09/202,243 (now U.S. Patent No. 6,161,378), dated November 10, 1998 and recorded in the U.S. Patent and Trademark Office on December 10, 1998 at Reel 9705, Frame 0682.


Assignment

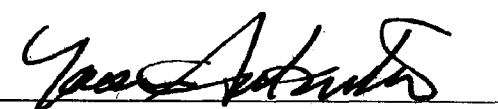
For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, *Hitachi, Ltd.*, of Tokyo, Japan ("Assignor") hereby sells, conveys and assigns to *Honda Motor Co., Ltd.*, of Tokyo Japan ("Assignee"), its successors and assigns, an undivided thirty percent (30%) interest in and to United States Patent Application Serial No. 10/119,075, and all continuation, continuation-in-part, divisional, reissue, or reexamination applications based thereon, or any extensions thereof, the said interest conveyed herein being three tenths of the entire ownership of said United States patent application and of any patent or patents issued or to be issued pursuant to said application or applications, whether before or after the date hereof, to be held and enjoyed by Assignee, its successors and assigns, to the full end of the term of said patent or patents issued pursuant to said applications, as fully and entirely as said interest would have been held and enjoyed by Assignor, had this assignment and sale not been made.

IN WITNESS WHEREOF, Assignor has caused this Assignment to be duly executed by its authorized representatives on the date set forth below.

Witness:

Hitachi, Ltd.

  
Name Takahito KARASAWA, Manager  
Operations Support Dept.  
Intellectual Property Group

  
Name Yasuo SAKUTA, Patent Attorney  
Executive Officer,  
Intellectual Property Group  
(Authorized Signing Officer)

Title

Date: Mar. 9, 2005

Date: 3/9/2005

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