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U.S. DEPARTMENT OF COMMERCE  
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Attorney Docket No. 381NP

101267664

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

(1) Hidehiro IIZUKA  
 (2) Kojiro OKUDE  
 (3) Masato KANEEDA  
 (4) Kousei NAGAYAMA  
 (5) Hisao YAMASHITA  
 (6) Osamu KURODA  
 (7) Yuichi KITAHARA

Additional name(s) of conveying party(ies) attached?  
 yes  no

2. Name and address of receiving party(ies)

Name: Hitachi, Ltd.

Street Address: 6, Kanda Surugadai 4-chome  
 Chiyoda-ku, Tokyo 101-8010,  
 JAPAN

Additional name(s) & address(es) attached?  
 yes  no

3. Nature of Conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other:

Execution Date: December 15, 1999 (all)

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

If this document is being filed together with a new application, the execution date of the application is: December 15, 1999 (all)

A. Patent Application No.(s) B. Patent No(s).

PENDING 09-492354

Additional numbers attached?  Yes  No

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

Gary R. Edwards  
 Evenson, McKeown, Edwards  
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 1200 G Street, N.W., Suite 700  
 Washington, D.C. 20005

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): \$ 40.00  
 Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 05-1323  
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8. Deposit Account No.  
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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.

*Gary R. Edwards* January 14, 2000  
 Name Gary R. Edwards Reg. No. 31,824 Date

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS, AND DOCUMENT: 3

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**ASSIGNMENT**

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as a below named inventor, I hereby sell and assign to Hitachi, Ltd.  
of 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010, Japan  
its successors and assigns or other legal representatives all my rights, title and interest, in and for the United States of America, in and to

EXHAUST GAS CLEANING METHOD, EXHAUST GAS CLEANING  
CATALYST AND EXHAUST GAS CLEANING DEVICE FOR  
INTERNAL COMBUSTION ENGINE

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, ~~Serial No. xxxxxxxxxxxxxxxxxx filed xxxxxxxxxxxxxxxxxxxxxxxxxx~~, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Hitachi, Ltd.

\_\_\_\_\_, its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said \_\_\_\_\_  
Hitachi, Ltd.

- |  | (Full Name)   | (Signature)              |
|--|---|--------------------------|
| 1) Date <u>December 15, 1999</u>             | <u>Hidehiro Iizuka</u>  | <i>Hidehiro Iizuka</i>   |
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ness(es)

- All) Mari Yamagata 2) \_\_\_\_\_ 4) \_\_\_\_\_  
1) \_\_\_\_\_ 3) \_\_\_\_\_ 5) \_\_\_\_\_

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