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Attorney Docket No. 381NP/4852^F

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U.S.
Patent



101250678

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

1. Name of conveying party(ies):
Atsushi KANKE, Minoru OHSUGA and Kenji OHTA
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**

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other:

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 yes no

Execution Date: **December 16, 1999**

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: **Dec. 16, 1999**

A. Patent Application No.(s)

B. Patent No(s).

09980693

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
**James F. McKeown
Evenson, McKeown, Edwards
& Lenahan, P.L.L.C.
1200 G Street, N.W., Suite 700
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6. Total number of applications and patents involved: 1

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Name **James F. McKeown** Reg. No. 25,406

January 11, 2000
Date

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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

AN APPARATUS OF DIAGNOSING AN INTERNAL COMBUSTION ENGINE AND A METHOD OF DIAGNOSING OF AN 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. xxxxxxxxxxxxxxxxx filed xxxxxxxxxxxxxxxxxxxxxx~~, 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) |
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Witness(es)
All) Mari Yamagata 2) _____ 4) _____
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