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(Rev. 6-93)  
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12-14-1998

U.S. DEPARTMENT OF COMMERCE  
Patent

12-1-98



100920431

To the Honorable Commissioner  
original documents or copy thereof.

lease record the attached

1. Name of conveying party(ies):  
Kouji HOSOKAWA, Kousaku  
SHIMADA and Seiji ASANO  
Additional name(s) of conveying  
party(ies) attached?  
\_\_\_ yes \_\_\_ X no

2. Name and address of receiving party(ies)  
Name: Hitachi, Ltd.  
Internal Address:  
Street Address: 6, Kanda Surugadai 4-chome  
Chiyoda-ku

3. Nature of Conveyance:  
X Assignment \_\_\_ Merger  
\_\_\_ Security Agreement \_\_\_ Change of  
\_\_\_ Other: Name  
Execution Date: **November 17, 1998**

City State Zip  
Tokyo Japan 101-8010  
Additional name(s) & address(es) attached?  
\_\_\_ yes \_\_\_ X no

U.S. PTO  
12/20/1998  
12/01/98

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: **November 17, 1998**  
A. Patent Application No. (s) | B. Patent No(s).  
**Not Yet Assigned**  
Additional numbers attached? \_\_\_ Yes \_\_\_ X No

5. Name and address of party to whom  
correspondence concerning document  
should be mailed:  
James F. McKeown, Esquire  
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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  
7. Total Fee (37 CFR 3.41): \$ 40.00  
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James F. McKeown 25,406 December 1, 1998  
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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

ENGINE CONTROL APPARATUS

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. XXXXXXXXXXXXXXXXXXXXXXXXXX~~ executed by us even date herewith 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)

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- 1) \_\_\_\_\_ 3) \_\_\_\_\_ 5) \_\_\_\_\_