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U.S DEPARTMENT OF COMMERCE
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Page 2 of 3 381KA/43648

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

1. Name of conveying party(ies):

Youichi WATANABE, Yasuyuki NAKANO, Masayuki SUGANAMI and Kazunori IRIFUNE

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

2. Name and address of receiving party(ies)
Name: Hitachi Car Engineering Co., Ltd.
Internal Address:

Street Address: 2477, Takaba, Hitachinaka-shi

City State Zip
Ibaraki-ken Japan

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

3. Nature of Conveyance:

X Assignment ___ Merger
___ Security Agreement ___ Change of Name
___ Other

Execution Date: July 1, 1997

10713 U.S. PTO
09/733990
12/12/00

4. Application number(s) or patent number(s): 9/733990
If this document is being filed together with a new application, the execution date of the application is: July 1, 1997

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

Additional numbers attached? ___ Yes ___ X No

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

James F. McKeown, Esquire
Evenson, McKeown, Edwards & Lenahan, P.L.L.C.
1200 G Street, N. W., Suite 700
Washington, D. C. 20005-3814

6. Total number of applications and patents involved:
1

7. Total Fee (37 CFR 3.41): \$40.00

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9. Statement and Signature.

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James F. McKeown 25,406 July 21, 1997
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PATENT
REEL: 011372 FRAME: 0661

ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar(\$1.00) or the equivalent thereof, and other good and valuable consideration paid to Youichi WATANABE, Yasuyuki NAKANO, Masayuki SUGANAMI and Kazunori IRIFUNE,

citizens of Japan by HITACHI, LTD. and HITACHI CAR ENGINEERING CO., LTD., corporations organized under the laws of Japan.

located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, and 2477, Takaba, Hitachinaka-shi, Ibaraki-ken, Japan, respectively,

receipt of which is hereby acknowledged, we, the said Youichi WATANABE, Yasuyuki NAKANO, Masayuki SUGANAMI and Kazunori IRIFUNE,

do hereby sell and assign to said HITACHI, LTD. and HITACHI CAR ENGINEERING CO., LTD.,

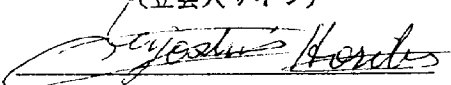
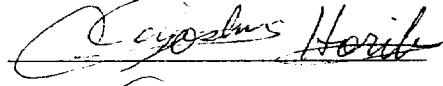
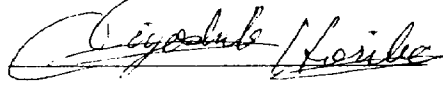
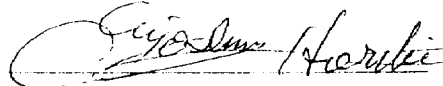
their ~~XX~~ successors and assigns, all our right, title and interest, in and for the United States of America, in and to "MOTOR-OPERATED FLOW CONTROL VALVE AND EXHAUST GAS RECIRCULATION CONTROL VALVE FOR INTERNAL COMBUSTION ENGINE" invented by us and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extentions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD. and HITACHI CAR ENGINEERING CO., LTD.,

their ~~XX~~ 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 us if this assignment and sale had not been made;

And we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said 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, extention, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD. and HITACHI CAR ENGINEERING CO., LTD.

Signed on the dates indicated aside our signatures:

INVENTORS (発明者フルネームサイン)	Date Signed (署名日)	Witnesses (立会人サイン)
1) <u>Youichi Watanabe</u> (Youichi WATANABE)	July 1, 1997	
2) <u>Yasuyuki Nakano</u> (Yasuyuki NAKANO)	July 1, 1997	
3) <u>Masayuki Suganami</u> (Masayuki SUGANAMI)	July 1, 1997	
4) <u>Kazunori Irifune</u> (Kazunori IRIFUNE)	July 14, 1997	
5) _____ ()	_____	_____