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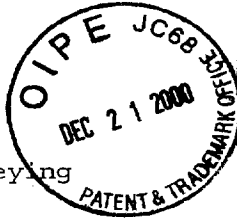
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Please record the attached

1. Name of conveying party(ies):

- 1) Shizuka YAMAGUCHI
- 2) Noboru BABA
- 3) Katsuyoshi TERAOKADO
- 4) Arata KAGIYAMA
- 5) Hideki MACHIMURA
- 6) Yukio TAKAHASHI
- 7) Yoshinobu ONO
- 8) Kazuo OJIMA
- 9) Masayoshi KOTAKI
- 10) Hiroyuki YAMADA
- 11) Atsushi SAITO

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



2. Name and address of receiving party(ies)

Name: HITACHI, LTD.

Address: 6, Kanda Surugadai 4-chome,
Chiyoda-ku, Tokyo, Japan

Additional name(s) & address(es) attached?

___ yes ___ X no

12-21-00

3. Nature of Conveyance:

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

Execution Date: 1) November 6, 2000
2) November 6, 2000
3) November 9, 2000
4) November 10, 2000
5) November 10, 2000
6) November 14, 2000
7) November 21, 2000
8) November 16, 2000
9) November 10, 2000
10) November 20, 2000
11) November 14, 2000

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: ==

A. Patent Application No.(s)

09/637,679

B. Patent No(s).

Additional numbers attached? ___ Yes ___ X No5. Name and address of party to whom
correspondence concerning document
should be mailed:

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

12/22/2000 SDUONG 00000031 09637679

04 FC:581

40.00 OP

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): \$ 40.00
X Enclosed. Please charge any underpayment in
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05-1323

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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.

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

December 21, 2000
Date

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ASSIGNMENT

(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me or us citizen(s) of Japan by HITACHI, LTD., a corporation organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

FUEL PUMP, IN-CYLINDER DIRECT INJECTION TYPE INTERNAL COMBUSTION ENGINE USING THE SAME AND SURFACE TREATMENT METHOD

invented by me or us and described in the application for United States Letters Patent therefor, Serial No. 09/637,679 filed August 14, 2000, 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.

Signed on the date(s) indicated aside signatures:

INVENTOR(S)
(発明者フルネームサイン)

Date Signed
(署名日)

1) Shizuka YAMAGUCHI	<i>Shizuka Yamaguchi</i>	<i>11 / 06 / 2000</i>
2) Noboru BABA	<i>Noboru Baba</i>	<i>11 / 06 / 2000</i>
3) Katsuyoshi TERAKADO	<i>Katsuyoshi Terakado</i>	<i>11 / 09 / 2000</i>
4) Arata KAGIYAMA	<i>Arata Kagiya</i>	<i>11 / 10 / 2000</i>
5) Hideki MACHIMURA	<i>Hideki Machimura</i>	<i>11 / 10 / 2000</i>
6) Yukio TAKAHASHI	<i>Yukio Takahashi</i>	<i>11 / 14 / 2000</i>
7) Yoshinobu ONO	<i>Yoshinobu Ono</i> <i>Kazuo Ojima</i>	<i>11 / 21 / 2000</i> <i>11 / 16 / 2000</i>
8) Kazuo OJIMA	<i>Kazuo Ojima</i>	<i>11 / 16 / 2000</i>
9) Masayoshi KOTAKI	<i>Masayoshi Kotaki</i>	<i>11 / 10 / 2000</i>
10) Hiroyuki YAMADA	<i>Hiroyuki Hana In</i>	<i>11 / 20 / 2000</i>
11) Atsuji SAITO	<i>Atsuji Saito</i>	<i>11 / 14 / 2000</i>