

Form PTO-1595
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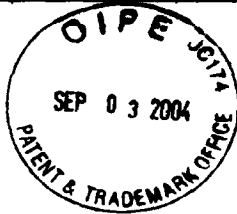
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

- (1) Shuuichi SHIMIZU
- (2) Takuya SHIRAIISHI
- (3) Motoyuki ABE
- (4) Masahiko HAYATANI
- (5) Kouji SHIBATA



Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment
- ☐ Security Agreement
- ☐ Other
- ☐ Merger
- ☐ Change of Name

Execution Date: (1) May 9, 2004
(2) May 11, 2004
(3) May 13, 2004
(4-5) May 10, 2004

2. Name and address of receiving party(ies)

Name:

- (1) HITACHI LTD.
- (2) HITACHI CAR ENGINEERING CO., LTD.

Street Address:

- (1) 6, Kanda Surugadai 4-chome
Chiyoda-ku, Tokyo, JAPAN
- (2) 2477, Takaba
Hitachinaka-shi, Ibaraki, Japan

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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)

10/835,076

B. Patent Registration No.(s)

Additional number(s) attached ☐ Yes ☒ No

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

Name: **Crowell & Moring LLP**
Intellectual Property Group

Internal Address:

PO Box 14300
Washington, DC
20044-4300

6. Total number of applications and patents involved 1

7. Total fee (37 CFR 3.41)..... \$40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

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.

Mark H. Neblett, 42,028
Name of Person Signing

VINCENT J. SUNDERDICK
Registration No. 29,004
Signature

September 3, 2004
Date

Total number of pages including cover sheet, attachments, and document: **2**

Mail documents to be recorded with required cover sheet information to:
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PATENT
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94, 5/1

ASSIGNMENT

(譲渡証)

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to the below named inventor(s), 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 312-0062, Japan, respectively, receipt of which is hereby acknowledged, we, the below named inventor(s), do hereby sell and assign to said HITACHI, LTD., and HITACHI CAR ENGINEERING CO., LTD., their successors and assigns, all our right, title and interest, in and for the United States of America, in and to

FUEL INJECTION OF DIRECT-INJECTION ENGINE WITH THE SAME

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 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., and HITACHI CAR ENGINEERING CO., LTD., their 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, extension, 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 date(s) indicated aside signatures:

INVENTOR(S)
(発明者フルネームサイン)

Date Signed
(署名日)

1)	<u>Shuichi Shimizu</u>	<u>5/9/2004</u>
2)	<u>Takaya Shiraiwa</u>	<u>5/11/2004</u>
3)	<u>Motoyuki Aki</u>	<u>5/13/2004</u>
4)	<u>Masahiko Hayatani</u>	<u>5/10/2004</u>
5)	<u>Kouji Shibata</u>	<u>5/10/2004</u>
6)	<u> </u>	<u> </u>
7)	<u> </u>	<u> </u>
8)	<u> </u>	<u> </u>
9)	<u> </u>	<u> </u>
10)	<u> </u>	<u> </u>