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COVER SHEET

514 Rec'd PCT/PTO

18 JAN 2000

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

102157462

1. Name of conveying party(ies):

Eisuke WAYAMA, Yoshikatsu HASHIMOTO,
Yasuo SAITO, and Toshifumi USUI

Additional name(s) of conveying
party(ies) attached?

___ yes X no

1-18-00

2. Name and address of receiving party(ies)

Name: Hitachi, Ltd.

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

Hitachi Car Engineering Co., Ltd.
2477, Takaba, Hitachinaka-shi,
Ibaraki-ken, Japan

3. Nature of Conveyance:

X Assignment ___ Merger
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___ Other:

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Execution Date: 1/6/00; 1/6/00; 1/6/00;
1/6/00

4. Application number(s) or patent number(s):

09.462867

If this document is being filed together with a new application, the execution date of the application is: ==

A. Patent Application No.(s)

B. Patent No(s).

PCT/JP99/02401

Additional numbers attached? ___ Yes X No

5. 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

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): \$ 40.00
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Name James F. McKeown

Reg. No. 25,406

January 18, 2000
Date

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ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar(\$1.00) or the equivalent thereof, and other good and valuable consideration paid to

Eisuke WAYAMA, Yoshikatsu HASHIMOTO, Yasuo SAITO, and
Toshifumi USUI

citizens of Japan by

Hitachi, Ltd., and Hitachi Car Engineering Co., Ltd.
located at

6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan and
2477, Takaba, Hitachinaka-shi, Ibaraki-ken, Japan
receipt of which is hereby acknowledged, we, the said

Eisuke WAYAMA, Yoshikatsu HASHIMOTO, Yasuo SAITO, and
Toshifumi USUI

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,
its in and to THROTTLE DEVICE 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 Successors, assigns or other legal representatives, to the full end of term for which said Letters Patent
its 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 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>Eisuke Wayama</u> (Eisuke WAYAMA)	January 6, 2000	<u>Mari Yamagata</u>
2) <u>Yoshikatsu Hashimoto</u> (Yoshikatsu HASHIMOTO)	January 6, 2000	<u>Mari Yamagata</u>
3) <u>Yasuo Saito</u> (Yasuo SAITO)	January 6, 2000	<u>Mari Yamagata</u>
4) <u>Toshifumi Usui</u> (Toshifumi USUI)	January 6, 2000	<u>Mari Yamagata</u>
5) _____ ()	_____	_____
6) _____ ()	_____	_____
7) _____ ()	_____	_____
8) _____ ()	_____	_____