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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 parties:

Izumi WATANABE
Junichi HORIE
Keiichi NAKADA
Kei UEYAMA

09/14/01

Additional names of conveying parties attached?
 Yes No

2. Name and address of receiving parties

Name: Hitachi, Ltd.
6, Kanda Surugadai 4-chome
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Tokyo 101-8010
JAPAN

Hitachi Car Engineering Co., Ltd.
2477, Takaba
Hitachinaka-shi
Ibaraki 312-0062
JAPAN

Additional names & addresses attached?
 Yes No

3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other:

Execution Date: August 27, 2001

4. Application number(s) or patent number(s): *09/951967*

If this document is being filed together with a new application, the execution date of the application is: August 27, 2001

A. Patent Application No. (s)
Pending

B. Patent No(s).

Additional numbers attached? Yes No

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

CROWELL & MORING, L.L.P.
P.O. Box 14300
Washington, D.C. 20044-4300

6. Total number of applications and patents involved: 1

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

James F. McKeown
James F. McKeown, Reg. No. *25,406*

September 13, 2001
Date

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ASSIGNMENT
(讓渡証)

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to Izumi WATANABE, Junichi HORIE, Keiichi NAKADA and Kei UYAMA, 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, Japan, respectively,

receipt of which is hereby acknowledged, we, the said Izumi WATANABE, Junichi HORIE, Keiichi NAKADA and Kei UYAMA,

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 THERMAL FLOW RATE MEASURING DEVICE

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)	Izumi WATANABE	<u>Izumi Watanabe</u>	<u>08 / 27 / 2001</u>
2)	Junichi HORIE	<u>Junichi Horie</u>	<u>08 / 27 / 2001</u>
3)	Keiichi NAKADA	<u>Keiichi Nakada</u>	<u>08 / 27 / 2001</u>
4)	Kei UYAMA	<u>Kei Ueyama</u>	<u>08 / 27 / 2001</u>
5)			
6)			
7)			
8)			
9)			
10)			