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Form PTO-1500 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) Attorney Dkt # 056208.52793US

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1. Name of conveying party(ies):
a. KENTARO JUMONJI
b. HAYATO SUGAWARA
2-23-04
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
HITACHI, LTD.
6, Kanda Surugadai 4-chome
Chiyoda-ku, Tokyo
JAPAN
And
HITACHI CAR ENGINEERING CO., LTD.
2477, Takaba, Hitachinaka-shi
Ibaraki 312-0002
JAPAN
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Dates: a. September 20, 2003; b. September 29, 2003

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)
10/670,252
Additional number(s) attached Yes No

B. Patent Registration No.(s)

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
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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, 25,406 _____ **February 23, 2003**
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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 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

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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>Hirotaro Imamoto</u>	<u>9/20/2003</u>
2)	<u>Daichi Sasaki</u>	<u>9/29/2003</u>
3)	_____	_____
4)	_____	_____
5)	_____	_____
6)	_____	_____
7)	_____	_____
8)	_____	_____
9)	_____	_____
10)	_____	_____