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| Execution Date: 12/25/2003 | City: Tokyo State: Japan Zip: 107-8556 Additional name(s) & address(es) attached? Yes X No |
| 4. Application number(s) or patent number(s): | Additional name(s) & address(es) attached? These \times No. 10482933 |
| If this document is being filed together with a new application, the execution date of the application is: 12/10/2003 A. Patent Application No.(s) | |
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PATENT REEL: 015349 FRAME: 0837

ASSIGNMENT

This assignment is made by Takashi Kojima, a Japanese citizen, residing at c/o

Honda Giken Kogyo Kabushiki Kaisha, Saitama Plant, 10-1, Shinsayama 1-chome,

Sayama-shi, Saitama 350-1392 Japan; Makoto Iwazaki, a Japanese citizen, residing at c/o

Honda Giken Kogyo Kabushiki Kaisha, Saitama Plant, 10-1, Shinsayama 1-chome,

Sayama-shi, Saitama 350-1331 Japan; and Yasuo Odawara, a Japanese citizen, residing at

c/o Honda Giken Kogyo Kabushiki Kaisha, Saitama Plant, 10-1, Shinsayama 1-chome,

Sayama-shi, Saitama 350-1392 Japan; ("ASSIGNORS") to Honda Giken Kogyo

Kabushiki Kaisha, a corporation organized under the laws of Japan, and having an office at

1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556 Japan. ("ASSIGNEE").

FOR ONE U.S. DOLLAR (\$1.00) AND FOR OTHER GOOD AND VALUABLE

IDERATION, the receipt of which is hereby acknowledged, ASSIGNORS do hereby sell,
and transfer to ASSIGNEE the entire right, title and interest, together with all rights of

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ASSIGNORS further hereby sell, assign and transfer to ASSIGNEE the entire right, title and interest, together with all rights of priority, in and to ASSIGNORS' invention as described and/or claimed in any and all applications for patents based on the invention, including divisionals, continuations, renewals, substitutes and reissues thereof, and all rights of priority resulting from any of these patent applications, as well as all foreign counterparts and extensions thereof, together with all patents issuing on any of these applications for the full terms of all of the patents which may be granted on the invention.

ASSIGNORS HEREBY AUTHORIZE ASSIGNEE to make applications for, to prosecute such applications, and to receive patents for the invention in the United States and any foreign countries, in ASSIGNEE's name.

ASSIGNORS HEREBY PROMISE AND AGREE that ASSIGNOR will execute or procure any further necessary assurance of title to the invention and any patents which may issue on the invention. ASSIGNORS will, at any time, upon the request and without further consideration, but at the expense of ASSIGNEE, deliver any testimony in any legal proceedings and execute all papers and do all other things that may be necessary or desirable to perfect the title to the invention, or any patents which may be granted therefor, in ASSIGNEE, its successors, assigns, or other legal representatives. ASSIGNORS will, at any time, upon the request and at the expense of ASSIGNEE, execute any continuations, divisionals, reissues, or any other additional applications for patents for the invention or any part or parts thereof and any patents issuing thereon are hereby assigned to ASSIGNEE. ASSIGNORS will make all rightful oaths, and do all lawful acts required for procuring and enforcing any of the patents, without further compensation, but at the expense of ASSIGNEE, its successors, assigns or other legal representatives.

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ASSIGNORS HEREBY AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States for the invention, resulting from any of the aforesaid applications to the ASSIGNEE.

RECORDED: 01/05/2004

Takashi Kojima

Tokashi Kojina

Makoto Iwazaki

Yasuo Odawara

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