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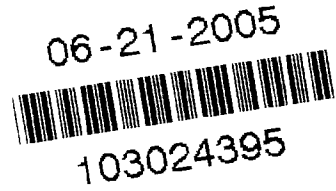
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Hirokazu KARIYAZAKI
Tatsumi NAKAZATO

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KABUSHIKI KAISHA YASKAWA DENKI
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806-0004 Japan



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Execution Date: November 29, 2004

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: November 29, 2004
A. Patent Application No.(s)
B. Patent No.(s)

Additional numbers attached? Yes No

6. Total number of applications and patents involved:
1

5. Name and address of party to whom correspondence concerning document should be mailed:
SUGHRUE MION, PLLC
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ASSIGNMENT

Whereas, I/we Hirokazu KARIYAZAKI and Tatsumi NAKAZATO

both of Fukuoka, Japan

hereinafter called assignor(s), have invented certain improvements in

ARTICULATED ROBOT AND CONTROL APPARATUS OF THE SAME
and executed an application for Letters Patent of the United States of America therefor on

November 29, 2004; and

Whereas, KABUSHIKI KAISHA YASKAWA DENKI,
2-1, Kurosaki-shiroishi, Yahatanishi-ku, Kitakyushu-shi,
Fukuoka 806-0004 Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. § 119, and I/we request the Director - U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number _____, filed _____) the filing date and application number of said application when known.

Date: November 29, 2004 s/ Hirokazu Kariyazaki
Hirokazu KARIYAZAKI

Date: November 29, 2004 s/ Tatsumi Nakazato
Tatsumi NAKAZATO

Date: s/ _____

Date: s/ _____

Date: s/ _____

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)