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1. Name of conveying party(ies):

Yoshitaka KUMAGAI
Tomoyuki KOBAYASHI

2. Name and address of receiving party(ies):

MITSUBISHI DENKI KABUSHIKI KAISHA
2-3, Marunouchi 2-Chome, Chiyoda-Ku,
Tokyo, 100-8310 JAPAN

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
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Execution Date: August 1, 2005

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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: August 1, 2005

A. Patent Application No.(s)
Not Yet Assigned

B. Patent No.(s)
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5. Name and address of party to whom correspondence concerning document should be mailed:

SUGHRUE MION, PLLC
WASHINGTON OFFICE
23373
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6. Total number of applications and patents involved:

1

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

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Richard C. Turner
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August 17, 2005

Date

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PATENT

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Assignment

Whereas, We, **Yoshitaka KUMAGAI** and **Tomoyuki KOBAYASHI** both of c/o **MITSUBISHI DENKI KABUSHIKI KAISHA**, 2-3, Marunouchi 2-Chome, Chiyoda-Ku, Tokyo 100-8310, JAPAN, hereinafter called assignors, have invented certain improvements in

PIVOTING APPARATUS OF INDUSTRIAL ROBOT and executed an application for Letters Patent of the United States of America therefor on _____; and

Whereas, **MITSUBISHI DENKI KABUSHIKI KAISHA**, 2-3, Marunouchi 2-Chome, Chiyoda-Ku, Tokyo, 100-8310 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,

We, the above named assignors, 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 we request the Director of the 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 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.

We hereby authorize and request our attorneys **SUGHRUE MION, PLLC** of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number _____ and Confirmation number _____, filed _____) the application number and filing date of said application when known.

Date: 8. 1. 2005 Yoshitaka Kumagai

 s/Yoshitaka KUMAGAI

Date: 8. 1. 2005 Tomoyuki Kobayashi

 s/Tomoyuki KOBAYASHI