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Form PTO-1595 (modified) RI ET U.S. DEPARTMENT OF COMMERCE (Rev. 03/01) U.S. Patent and Trademark Office OMB No. 0651-0027 To the Honorable Commissioner of F 102417799 d original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Keizo AKAMATSU KABUSHIKI KAISHA YASKAWA DENKI Kazuhiro TSURUTA 2-1, Kurosaki-Shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-0004 JAPAN Additional name(s) of conveying party(ies) attached? 

Yes 

No 3. Nature of conveyance: ☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name Other Execution Date: October 21, 2002 ☑ No 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) B. Patent No.(s) 10/239,776 Additional numbers attached? ☐ Yes ☑ No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 SUGHRUE MION, PLLC ☑ Enclosed. WASHINGTON OFFICE ☐ Authorized to be charged to Deposit Account No. 19-4880. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit 23373 Account No. 19-4880. Please also credit any overpayments to said PATENT TRADEMARK OFFICE Deposit Account. 8. Deposit Account Number: 19-4880 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. 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. Reg. No. 23.063 December 31, 2002 Date Total number of pages including cover sheet, attachments, and documents: 2 Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks .APPGRA 00000052 10235774 Box Assignment Washington, D.C. 20231

> PATENT REEL: 013936 FRAME: 0419

## **ASSIGNMENT**

Whereas, We, Keizo Akamatsu and Kazuhiro Tsuruta both of Fukuoka, Japan

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

SERVO CONTROLLING DEVICE AND METHOD

and executed an application for Letters Patent of the United States of America therefor on

October 21, 2002; and

Whereas, KABUSHIKI KAISHA YASKAWA DENKI of 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 and foreign 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 assignce, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America and all countries foreign thereto, including the rights of priority under the International Convention of Paris (1883) as amended, 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 hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications 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 10/239,776, filed September 25) the filing date and application number of said application when known.

Date: October 21, 2002	s/ Keizo akamatsu
Date: October 21, 2002	& Kazuhiro Tsuruta
Date:	s/
Date:	s/
Date:	s/

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

PATENT
RECORDED: 12/31/2002 REEL: 013936 FRAME: 0420