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To the Honorable Commissioner of

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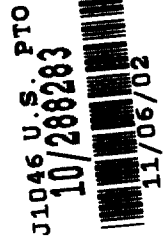
Masaki Nakamichi
Kohji Hashimoto

11/06/02

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

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

MITSUBISHI DENKI KABUSHIKI KAISHA
2-3 Marunouchi 2-chome
Chiyoda-ku, Tokyo 100-8310
JAPAN



3. Nature of conveyance:

- Assignment Merger
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Execution Date: September 11, 2002

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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: September 11, 2002

A. Patent Application No.(s)

10/288283

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

SUGHRUE MION, PLLC
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3213

6. Total number of applications and patents involved:

1

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

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PATENT
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Assignment

Whereas, We, Masaki NAKAMICHI

c/o MITSUBISHI DENKI KABUSHIKI KAISHA
2-3, Marunouchi 2-Chome, Chiyoda-ku, TOKYO 100-8310 JAPAN
Kohji HASHIMOTO

c/o MITSUBISHI ELECTRIC ENGINEERING KABUSHIKI KAISHA
6-2, Otemachi 2-Chome, Chiyoda-ku, TOKYO 100-0004 JAPAN
of hereinafter called assignor(s), have invented certain improvements in

Abnormality detector for Motor Drive System

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,

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 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 filing date and application number of said application when known.

Date: September 11, 2002 Masaki Nakamichi
s/ Masaki NAKAMICHI

Date: September 11, 2002 Kohji, Hashimoto
s/ Kohji HASHIMOTO

Date: _____
s/

Date: _____
s/

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