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Hiromichi NIGAZAWA
Tomomitsu NIWA

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

2. Name and address of receiving party(ies):
MITSUBISHI DENKI KABUSHIKI KAISHA
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Tokyo 100-8310, Japan

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
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MIRD 8/5/02

Execution Date: May 21, 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: May 21, 2002
A. Patent Application No.(s)
10203034

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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Total number of pages including cover sheet, attachments, and documents: 2

Mail documents to be recorded with required cover sheet information to:
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ASSIGNMENT

Whereas, I/we Hiromichi NIGAZAWA and Tomomitsu NIWA
both of Tokyo, Japan

hereinafter called assignor(s), have invented certain improvements in
NUMERICAL CONTROL SYSTEM AND SHAFT CONTROL METHOD IN NUMERICAL CONTROL SYSTEM
and executed an application for Letters Patent of the United States of America therefor on

May 21, 2002 ~~2001~~; and

Whereas, MITSUBISHI DENKI KABUSHIKI KAISHA of
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 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: May 21, 2002 s/ Hiromichi NIGAZAWA

Date: May 21, 2002 s/ Tomomitsu Niwa

Date: s/ _____

Date: s/ _____

Date: s/ _____

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