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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Naoki MURAMATSU
Tomoyoshi TADA

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
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: November 1, 2002

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4. Application number(s) or patent number(s):

10/296813

If this document is being filed together with a new application, the execution date of the application is: November 1, 2002

A. Patent Application No.(s)

B. Patent No.(s)
Not Yet Assigned

Additional numbers attached? ☐ Yes ☒ No

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

SUGHRUE MION, PLLC

WASHINGTON OFFICE



23373

PATENT TRADEMARK OFFICE

6. Total number of applications and patents involved:

1

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

- ☒ Enclosed.
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November 27, 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
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ASSIGNMENT

Whereas, I/we Naoki MURAMATSU and Tomoyoshi TADA, both of
Tokyo, Japan

hereinafter called assignor(s), have invented certain improvements in
GRIPPER AND METHOD FOR MANUFACTURING THE SAME

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

November 1, 2002; 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: November 1, 2002

s/

Naoki Muramatsu

Date: November 1, 2002

s/

Tomoyoshi Tada

Date:

s/

Date:

s/

Date:

s/

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

RECORDED: 11/27/2002

PATENT
REEL: 013794 FRAME: 0633