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OMB No. 0651-0027 (exp. 6/30/200)U.S. DEPARTMENT OF COMMERCE  
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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)/Execution Date(s):**

Teruo Shimizu (10/02/2004) and Tsuneo Maruyama (10/02/2004)

Execution Date(s): in parentheses after inventor name

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of Conveyance:**

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

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

Name: Mitsubishi Materials Corporation

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

5-1, Ohtemachi 1-chome  
Chiyoda-ku  
Tokyo  
JAPANAdditional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**☒ This document is being filed together with a new application.

A. Patent Application No.(s)

National Phase of  
PCT/JP2003/009862  
designating  
the United States

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Joseph R. Robinson  
DARBY & DARBY P.C.

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**6. Total number of applications and patents involved:**

1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- ☐ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☒ Enclosed  
☐ None required (government interest not affecting title)

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- a. Credit Card Last 4 Numbers \_\_\_\_\_  
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**9. Signature:**

Signature

February 3, 2005

Date

Chris T. Mizumoto - 42,899

Name of Person Signing

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PATENT  
REEL: 016856 FRAME: 0308

# ASSIGNMENT

For value received, I/we Teruo Shimizu and Tsuneo Maruyama

residing respectively at Niigata-shi, Japan

hereby sell, assign, and transfer to Mitsubishi Materials Corporation

a corporation existing under the laws of Japan

located at 5-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo, Japan

and its successors, assigns, and legal representatives, the entire right, title, and interest for all countries including the United States of America, in and to certain inventions relating to Sliding Component and Method for Manufacturing the Same

described in an application for Letters Patent of the United States, executed by me/us on this date, and all patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, and authorize and request the Commissioner of Patents and Trademarks to issue all patents on said improvements or resulting therefrom to said Company as assignee of the entire interest, and covenant that I/we have full right so to do, and agree that I/we will communicate to said Company or its representatives any facts known to me/us respecting said improvements and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees, to obtain and enforce proper protection for said invention in the United States.

Signature Teruo Shimizu

Date October 2, 2004

Signature Tsuneo Maruyama

Date October 2, 2004

Signature \_\_\_\_\_

Date \_\_\_\_\_

Signature \_\_\_\_\_

Date \_\_\_\_\_