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## 1. Name of conveying party(ies):

Noritaka MIZUNO  
Kazuya YAMAGUCHI  
Hajime ISHIDA

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

SUMITOMO CHEMICAL COMPANY, LIMITED  
5-33, Kitahama 4-chome  
Chuo-ku, Osaka-shi, Osaka  
541-8550, JapanAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: November 18, 2003, November 18, 2003,  
and November 12, 2003, respectivelyAdditional name(s) & address(es) attached? ☐ Yes ☒ No

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

101 481 755

If this document is being filed together with a new application, the execution date of the application is: November 18, 2003,  
November 18, 2003, and November 12, 2003, respectivelyA. Patent Application No.(s)  
Unknown

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence  
concerning document should be mailed:

SUGHRUE MION, PLLC

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

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

1

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

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## 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.*

Howard L. Bernstein

Reg. No. 25,665

December 23, 2003

Date

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PATENT  
REEL: 015468 FRAME: 0763

# Assignment

Whereas, I/We, Noritaka MIZUNO of 3-3-6-501, Hikarigaoka, Nerima-ku,  
Tokyo 179-0072 Japan; Kazuya YAMAGUCHI of 5-6-5-B, Hongo, Bunkyo-ku,  
Tokyo 113-0033 Japan; Hajime ISHIDA of 2-3-713, Ikku-cho,  
Niihama-shi, Ehime 792-0025 Japan

hereinafter called assignor(s), have invented certain improvements in  
PROCESS FOR PREPARING RUTHENIUM-CARRYING ALUMINA AND PROCESS  
FOR OXIDIZING ALCOHOL

and executed an application for Letters Patent of the United States of America therefor on Nov. 18, 2003;  
 Nov. 18, 2003; Nov. 12, 2003; and

Whereas,

SUMITOMO CHEMICAL COMPANY, LIMITED

of 5-33, Kitahama 4-chome,

Chuo-ku, Osaka-shi, Osaka

541-8550 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: Nov. 18, 2003 Noritaka Mizuno  
 s/ Noritaka MIZUNO  
 Date: Nov. 18, 2003 Kazuya Yamaguchi  
 s/ Kazuya YAMAGUCHI  
 Date: Nov. 12, 2003 Hajime Ishida  
 s/ Hajime ISHIDA  
 Date: \_\_\_\_\_  
 s/

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