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Commissioner for Patents: Please record the attached original documents or copy thereof.

Submission type:  New

Conveyance type:  Assignment

| Conveying Party(ies): | (Last, First, Middle Initial) | Execution Date |
|-----------------------|-------------------------------|----------------|
| First party           | Name: NISHIYAMA, Masaya       | March 23, 2004 |
| Second party          | Name: HABIRO, Masanobu        | March 23, 2004 |
| Third party           | Name: IWATSUKI, Yasuhito      | March 23, 2004 |
| Fourth party          | Name: HIRAOKA, Hirokazu       | March 23, 2004 |
| Fifth party           | Name:                         |                |

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

**Receiving Party (ies):**  
 First party Name: **HITACHI CHEMICAL CO, LTD.**  
 Address: 1-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 163-0449 Japan  
 Second party Name: **SHIN-KOBE ELECTRIC MACHINERY CO., LTD.**  
 Address: 8-7, Nihombashi-honcho 2-chome, Chuo-ku, Tokyo 103-0023 Japan

Additional name(s) & address(es) attached? Yes  No

**Domestic Representative Name and Address** (Enter for the first Receiving Party only)

WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP  
1250 Connecticut Avenue, N.W., Suite 700  
Washington, D.C. 20036  
Customer No.: 38834

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**Correspondent Name and Address** Telephone: 202-882-1100  
WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP  
1250 Connecticut Avenue, N.W., Suite 700  
Washington, D.C. 20036

**Pages** Enter the total number of pages of the attached conveyance document: 1  
(including any attachments, but not counting cover sheets)

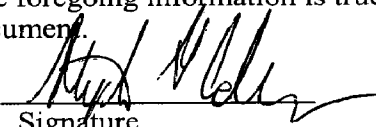
**Application Number(s) or Patent Number(s)** Additional numbers attached? Yes  No   
A. Patent Application No.(s)          B. Patent No.(s)           
##          ##         

If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: March 23, 2004  
(Do not recite both application and patent numbers.)

**Patent Cooperation Treaty (PCT)** PCT PCT/JP02/10437  
Enter PCT application number only if PCT           
a U.S. Application Number has not been assigned PCT         

**Number of Properties** Enter the total number of properties involved: 1

**Fee Amount** Fee Amount for Properties Listed (37 CFR 3.41). . . . \$40.00  
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         Authorized to be charged to Deposit Account No.: 50-2866

**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.  
Stephen G. Adrian   
Name of Person Signing Signature  
March 30, 2004 32,878  
Date Registration No.

# U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by  
**HITACHI CHEMICAL CO., LTD. of 1-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 163-0449 Japan and**  
**SHIN-KOBE ELECTRIC MACHINERY CO., LTD. of 8-7, Nihombashi-honcho 2-chome, Chuo-ku, Tokyo 103-0023 Japan**

(Insert ASSIGNEE's Name(s) Address(es))

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

**POLISHING PAD FOR CMP, METHOD FOR POLISHING SUBSTRATE USING IT AND METHOD FOR PRODUCING POLISHING PAD FOR CMP**

(\*If the assignment is being filed after the filing of the application, this section must be completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

\* filed on \_\_\_\_\_ Serial No. \_\_\_\_\_

(Westerman, Hattori, Daniels & Adrian, LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

|                                    |   |                                 |
|------------------------------------|---|---------------------------------|
| <u>M. Nishiyama</u><br>(Signature) | <u>Masaya Nishiyama</u><br>(Type Name)  | <u>March 23, 2004</u><br>(Date) |
| <u>A. Habiro</u><br>(Signature)    | <u>Masanobu Habiro</u><br>(Type Name)   | <u>March 23, 2004</u><br>(Date) |
| <u>Y. Iwatsuki</u><br>(Signature)  | <u>Yasuhito Iwatsuki</u><br>(Type Name) | <u>March 23, 2004</u><br>(Date) |
| <u>H. Hiraoka</u><br>(Signature)   | <u>Hirokazu Hiraoka</u><br>(Type Name)  | <u>March 23, 2004</u><br>(Date) |
| _____<br>(Signature)               | _____<br>(Type Name)                    | _____<br>(Date)                 |
| _____<br>(Signature)               | _____<br>(Type Name)                    | _____<br>(Date)                 |

NO LEGALIZATION REQUIRED