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1. Name of conveying party(ies):  
Masahiro FUJIWARA  
Nawal Kishor MAL  
Yuko TANAKA  
  
Additional name(s) of conveying party(ies) attached?  Yes  No

5-12-03

2. Name and address of receiving party(ies):  
NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL  
SCIENCE AND TECHNOLOGY  
  
3-1, Kasumigaseki 1-Chome, Chiyoda-ku, Tokyo 100-8921 JAPAN

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: April 23, 2003

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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:  
A. Patent Application No.(s)  
10/421,697

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  
WASHINGTON OFFICE  
  
23373  
PATENT TRADEMARK OFFICE

6. Total number of applications and patents involved:  
1  
7. Total fee (37 CFR 3.41): \$40.00  
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*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.*  
  
Yoshinari Kishimoto Reg. No. 47,327 Date May 12, 2003

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## Assignment

Whereas, I/We, Masahiro FUJIWARA, Nawal Kishor MAL and Yuko TANAKA of , Osaka-fu, JAPAN, Tokyo-to, JAPAN and Hyogo-ken, JAPAN, hereinafter called assignor(s), have invented certain improvements in MESOPOROUS SILICA HAVING CONTROLLED-RELEASE ON-OFF CONTROL FUNCTION, PRODUCTION METHOD THEREOF AND METHOD USING SAME and executed an application for Letters Patent of the United States of America therefor on \_\_\_\_\_; and

Whereas, NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, 3-1, Kasumigaseki 1-Chome, Chiyoda-ku, Tokyo 100-8921 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 10/421,697 and Confirmation number \_\_\_\_\_, filed April 24, 2003) the application number and filing date of said application when known.

Date: April 23, 2003 M. Fujiwara  
\_\_\_\_\_  
s/Masahiro FUJIWARA

Date: April 23, 2003. Nawal  
\_\_\_\_\_  
s/Nawal Kishor MAL

Date: April 23, 2003 Tanaka Yuko  
\_\_\_\_\_  
s/Yuko TANAKA

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