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To the Director of the U.S.

102850621

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

Naohiro SONOBE  
Susumu MORIMOTO  
Hideyuki YOSHIHARA  
Hiroyuki HANATSUKA  
Makoto ARAKAWA

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

KUREHA CHEMICAL INDUSTRY CO., LTD.  
9-11, Nihonbashihoridome-cho 1-chome, Chuo-ku, Tokyo 103-8552, JapanAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒
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- ☐
- Other

Execution Date: September 9, 2004

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

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

101948314

If this document is being filed together with a new application, the execution date of the application is: September 9, 2004

A. Patent Application No.(s)

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

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.*

Joseph J. Ruch, Jr.

Reg. No. 26,577

September 24, 2004

Date

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PATENT  
REEL: 015836 FRAME: 0638

# ASSIGNMENT

Whereas, we, (1) Naohiro SONOBE of c/o Nishiki Research Laboratories, Kureha Chemical Industry Co., Ltd., 16, Ochiai, Nishiki-machi, Iwaki-shi, Fukushima 974-8686, Japan, (2) Susumu MORIMOTO of c/o Development Department, Kureha Chemical Industry Co., Ltd., 3-25-1, Hyakunin-cho, Shinjuku-ku, Tokyo 169-8503, Japan, (3) Hideyuki YOSHIHARA of c/o Carbon Products Department, Kureha Chemical Industry Co., Ltd., 9-11, Nihonbashihoridome-cho 1-chome, Chuo-ku, Tokyo 103-8552, Japan, (4) Hiroyuki HANATSUKA of c/o Nishiki Plant, Kureha Chemical Industry Co., Ltd., 16, Ochiai, Nishiki-machi, Iwaki-shi, Fukushima 974-8686, Japan, and (5) Makoto ARAKAWA of c/o Nishiki Plant, Kureha Chemical Industry Co., Ltd., 16, Ochiai, Nishiki-machi, Iwaki-shi, Fukushima 974-8686, Japan, hereinafter called assignors, have invented certain improvements in

## ADSORBENT FOR ORAL ADMINISTRATION

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

September 9, 2004; and

Whereas, Kureha Chemical Industry Co., Ltd. of 9-11, Nihonbashihoridome-cho 1-chome, Chuo-ku, Tokyo 103-8552, 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,

We, the above named assignors, 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 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 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.

We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 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: September 9, 2004

s/ Naohiro Sonobe  
Naohiro SONOBE

Date: September 9, 2004

s/ Susumu Morimoto  
Susumu MORIMOTO

Date: September 9, 2004

s/ Hideyuki Yoshihara  
Hideyuki YOSHIHARA

Date: September 9, 2004

s/ Hiroyuki Hanatsuka  
Hiroyuki HANATSUKA

Date: September 9, 2004

s/ Makoto Arakawa  
Makoto ARAKAWA

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

**PATENT**

**RECORDED: 09/24/2004**

**REEL: 015836 FRAME: 0639**