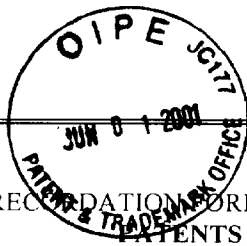


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Masahiro OHMORI, Akihiko KOTERA, Hidenori
NAKAMURA, Masayoshi NOBIKI

Additional name(s) of conveying party(ies) attached?
 yes no

2. Name and address of receiving party(ies)?
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3. Nature of Conveyance:
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Execution Date: September 29, 2000

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)/Confirmation No.(s)
09/677,188 /3096
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, ZINN, MACPEAK & SEAS, PLLC
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3213

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1
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Assignment

Whereas, We, Masahiro OHMORI, Akihiko KOTERA, Hidenori NAKAMURA and Masayoshi NOBIKI of c/o SHOWA DENKO KABUSHIKI KAISHA CENTRAL RESEARCH LABORATORY, 1-1, Ohnodai 1-chome, Midori-ku, Chiba-shi, Chiba, 267-0056 Japan; 2-8, Takaishi 4-chome, Asao-ku, Kawasaki-shi, Kanagawa, 215-0003 Japan; c/o SHOWA DENKO KABUSHIKI KAISHA CENTRAL RESEARCH LABORATORY, 1-1, Ohnodai 1-chome, Midori-ku, Chiba-shi, Chiba, 267-0056 Japan; c/o SHOWA DENKO KABUSHIKI KAISHA CENTRAL RESEARCH LABORATORY, 1-1, Ohnodai 1-chome, Midori-ku, Chiba-shi, Chiba, 267-0056 Japan respectively

hereinafter called assignor(s), have invented certain improvements in

COMPOSITE STRUCTURE FOR DEODORIZATION OR WASTEWATER TREATMENT

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

September 29, 2000 ; and

Whereas, SHOWA DENKO KABUSHIKI KAISHA of 13-9, Shibadaimon 1-chome, Minato-ku, Tokyo, 105-8518 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 Commissioner of Patents 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 my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application number 09/677,188, filed October 2, 2000) the filing date and application number of said application when known.

Date: Sep. 29, 2000 s/ Masahiro OHMORI
Masahiro OHMORI

Date: Sep. 29, 2000 s/ Akihiko KOTERA
Akihiko KOTERA

Date: Sep. 29, 2000 s/ Hidenori NAKAMURA
Hidenori NAKAMURA

Date: Sep. 29, 2000 s/ Masayoshi NOBIKI
Masayoshi NOBIKI

Date: s/ _____

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