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M&G- 10893.1

RECORDATION FORM COVER SHEET
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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1. Name of conveying party(ies):

Takeda Chemical Industries, Ltd.

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

Japan EnviroChemicals, Ltd.
3-8, Doshomachi 2-chome
Chuo-ku, Osaka-shi
Osaka 541-0042
Japan

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

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

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other:
- Merger
- Change of Name

Execution Date: April 6, 2004

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)

B. Patent No.(s)

5,387,564

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Douglas P. Mueller
Address: Merchant & Gould P.C.
P. O. Box 2903
Minneapolis, MN 55402

6. Total number of applications and patents involved: 1

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

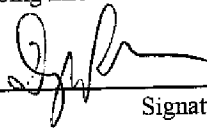
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Douglas P. Mueller
Name of Person Signing



Signature

July 26, 2004

Date

Total number of pages including attachments and document: 3

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CERTIFICATE UNDER 37 CFR 1.6: I hereby certify that this correspondence is being transmitted via facsimile to the U.S. Patent and Trademark Office at number 1-703-306-5995 on July 26, 2004.

By: Ashley Ewald
Name: Ashley Ewald

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米国 (改号)

CORPORATION TO CORPORATION ASSIGNMENT

WHEREAS, Takeda Chemical Industries, Ltd., a corporation organized under the laws of Japan and having an office and place of business at Osaka, Japan (hereinafter referred to as the "ASSIGNOR"), has acquired by assignment an interest in an invention for which an United States Letters Patent has issued, Patent number 5,387,564:

AND WHEREAS, Japan EnviroChemicals, Ltd., a corporation organized under the laws of Japan and having an office and place of business at 3-8, Doshomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0042 Japan (hereinafter referred to as "ASSIGNEE"), wishes to acquire ASSIGNOR'S entire right, title and interest in the United States in and to said invention and patent application and any U.S. Letters Patent to be obtained therefore or now issued;

NOW, THEREFORE, for and in consideration of the sum of One Thousand Yen and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the ASSIGNOR hereby sell, assign and transfer to the ASSIGNEE, its successors and assigns, its entire right, title and interest in the United States in and to the invention disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom or now issued, and all reissues or extensions of such patents and the ASSIGNOR hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE to the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE ASSIGNOR represents and agrees with said ASSIGNEE, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the ASSIGNOR, and that full right to convey the same as herein expressed is possessed by the ASSIGNOR.

IN TESTIMONY WHEREOF, the ASSIGNOR and ASSIGNEE have hereunto signed on the date indicated below.

For ASSIGNOR

Date April 6, 2004

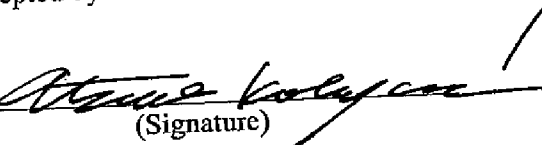
By 
(Signature)

Name Hiroshi AKIMOTO, Ph. D.
(Printed)

Title Executive Director, Member of The Board
General Manager, Intellectual Property Dept.
Authorized Signing Officer

Accepted by ASSIGNEE

Date April 14, 2004

By 
(Signature)

Name Atsuo KOBAYASHI, Ph. D.
(Printed)

Title President