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Name and address of receiving party(ies):

Nobuhiko HORIUCHI
Kenichi SUGIMOTO
Masami MURAKAMI
Kenji IWATA

MITSUI CHEMICALS, INC.
5-2, Higashi-Shimbashi 1-chome
Minato-ku, Tokyo 1057117 JAPAN

Additional conveying party(ies)

NO

3. Nature of conveyance:

ASSIGNMENT

Execution Date:

October 20, 21, 20, 21, 2009

Additional name(s) & address(es) attached?

NO

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

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

October 20, 21, 20, 21, 2009

A. Patent Application Number(s):

Unassigned

B. Patent Number(s):

12733848

Additional numbers attached? NO

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

Michael D. Kaminski
FOLEY & LARDNER LLP
3000 K Street, N.W.
Suite 600
Washington, D.C. 20007-5143

6. Total number of applications/patents involved:

1

7. Total fee (37 C.F.R. § 3.41):

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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. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account.

Michael D. Kaminski

Michael D. Kaminski

MAR 24 2010

Name of person signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 3

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Assignment of Application

INSERT NAMES AND RESIDENCE ADDRESS OF THE INVENTORS:

WHEREAS, I (WE) 1) Nobuhiko HORIUCHI, 2) Kenichi SUGIMOTO, 3) Masami MURAKAMI and 4) Kenji IWATA of c/o MITSUI CHEMICALS, INC., 580-32, Nagaura, Sodegaura-shi, Chiba 2990265 Japan, respectively,

INSERT TITLE OF INVENTION:

have invented certain new and useful improvements in: "CATALYST AND PRODUCTION PROCESS THEREOF, AND CHLORINE PRODUCTION USING THE CATALYST"

(Application No. _____, filed _____), and

INSERT NAMES AND ADDRESS OF COMPANY OR OTHER ASSIGNEE

WHEREAS, MITSUI CHEMICALS, INC.

(hereinafter referred to as "ASSIGNEE") having a place of business at : 5-2, Higashi-Shimbashi 1-chome, Minato-ku, Tokyo 1057117 Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I(WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of FOLEY & LARDNER LLP of WASHINGTON HARBOUR 3000 K STREET, N.W., SUITE 500 WASHINGTON D.C. 20007-5143

U.S.A. the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: October 20, 2009

Nobuhiko Horiuichi
(Signature of Inventor) Nobuhiko HORIUCHI

Date: October 21, 2009

Kenichi Sugimoto
(Signature of Inventor) Kenichi SUGIMOTO

Date: October 20, 2009

Masami Murakami
(Signature of Inventor) Masami MURAKAMI

Date: October 21, 2009

Kenji Iwata
(Signature of Inventor) Kenji IWATA

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)