

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Noriyuki TANAKA</td><td>03/07/2008</td></tr><tr><td>Osamu YOSHIMOTO</td><td>03/07/2008</td></tr><tr><td>Jiro HIRAIWA</td><td>03/07/2008</td></tr><tr><td>Hiroshi HAYAKAWA</td><td>03/07/2008</td></tr><tr><td>Tetsuro TOJO</td><td>03/07/2008</td></tr></tbody></table>	Name	Execution Date	Noriyuki TANAKA	03/07/2008	Osamu YOSHIMOTO	03/07/2008	Jiro HIRAIWA	03/07/2008	Hiroshi HAYAKAWA	03/07/2008	Tetsuro TOJO	03/07/2008	
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Hiroshi HAYAKAWA	03/07/2008												
Tetsuro TOJO	03/07/2008												
RECEIVING PARTY DATA													
Name:	TOYO TANSO CO., LTD.												
Street Address:	7-12, Takeshima 5-chome, Nishiyodogawa-ku, Osaka-shi												
City:	Osaka												
State/Country:	JAPAN												
Postal Code:	555-0011												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12064704</td></tr></tbody></table>	Property Type	Number	Application Number:	12064704									
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Application Number:	12064704												
CORRESPONDENCE DATA													
Fax Number: (703)413-2220 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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NAME OF SUBMITTER:	Chai Xiong												

OP \$40.00 12064704

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PATENT
REEL: 020731 FRAME: 0682

Total Attachments: 2

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PATENT

REEL: 020731 FRAME: 0683

Assignment of Application

Page 1 of 2

WHEREAS, I (WE)	Noriyuki TANAKA of Nishiyodogawa-ku, Osaka-shi, Osaka, Japan
	Osamu YOSHIMOTO of Nishiyodogawa-ku, Osaka-shi, Osaka, Japan
	Jiro HIRAIWA of Nishiyodogawa-ku, Osaka-shi, Osaka, Japan
	Hiroshi HAYAKAWA of Nishiyodogawa-ku, Osaka-shi, Osaka, Japan
	Tetsuro TOJO of Nishiyodogawa-ku, Osaka-shi, Osaka, Japan

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS

INSERT TITLE
OF INVENTION

_____, respectively,

have invented certain new and useful improvements in: FLUORINE/FLUORIDE GAS GENERATOR

INSERT DATE IN-
VENTORS SIGNED
DECLARATION

for which an application for Letters Patent was executed on

(Application No. 12/064,704, filed February 25, 2008), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, TOYO TANSO CO., LTD.

(hereinafter referred to as "ASSIGNEE") having a place of business at:

7-12, Takeshima 5-chome, Nishiyodogawa-ku, Osaka-shi, Osaka 555-0011 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.

03/03

PATENT
REEL: 020731 FRAME: 0684

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 Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street Alexandria, Virginia 22314 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: MAR. - 7. 2008

Noriyuki Tanaka
(Signature of Inventor) Noriyuki TANAKA

Date: MAR. - 7. 2008

Osamu Yoshimoto
(Signature of Inventor) Osamu YOSHIMOTO

Date: MAR. - 7. 2008

Jiro Hiraiwa
(Signature of Inventor) Jiro HIRAIWA

Date: MAR. - 7. 2008

Hiroshi Hayakawa
(Signature of Inventor) Hiroshi HAYAKAWA

Date: MAR. - 7. 2008

Tetsuro Tojo
(Signature of Inventor) Tetsuro TOJO

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

03/03