

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>Kenji SHIMADA</td> <td>02/25/2013</td> </tr> <tr> <td>Hiroshi MATSUNAGA</td> <td>02/25/2013</td> </tr> </tbody> </table>		Name	Execution Date	Kenji SHIMADA	02/25/2013	Hiroshi MATSUNAGA	02/25/2013
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Kenji SHIMADA	02/25/2013						
Hiroshi MATSUNAGA	02/25/2013						
RECEIVING PARTY DATA							
Name:	MITSUBISHI GAS CHEMICAL COMPANY, INC.						
Street Address:	5-2, Marunouchi 2-chome, Chiyoda-ku						
City:	Tokyo						
State/Country:	JAPAN						
Postal Code:	100-8324						
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>13823769</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13823769		
Property Type	Number						
Application Number:	13823769						
CORRESPONDENCE DATA							
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ATTORNEY DOCKET NUMBER:	403908US99PCT						
NAME OF SUBMITTER:	Adel Samuel						
Total Attachments: 2 source=403908USAssignment#page1.tif source=403908USAssignment#page2.tif							

OP \$40.00 13823769

Docket No:- 403908US99PCT

Assignment of Application

INSERT NAMES AND RESIDENCE ADDRESS OF THE INVENTORS:

WHEREAS, I (WE) 1) Kenji SHIMADA
 2) Hiroshi MATSUNAGA both of:-
 c/o Mitsubishi Gas Chemical Company Inc., Tokyo Research Laboratory, 1-1, Niiyuku 6-chome,
 Katsushika-ku, Tokyo 125-0051, Japan

_____, respectively,

INSERT TITLE OF INVENTION:

have invented certain new and useful improvements in: SILICON ETCHING FLUID AND METHOD FOR PRODUCING TRANSISTOR USING SAME

(Application No. 13/823,769, filed March 15, 2013), and

INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE:

WHEREAS, mitsubishi gas chemical company, inc.

(hereinafter referred to as "ASSIGNEE") having a place of business at: 5-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8324, 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 (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application(s)) 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.

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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 Letters 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, L.L.P. 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: FEB. 25, 2013

Kenji SHIMADA
(Signature of Inventor) Kenji SHIMADA

Date: FEB. 25, 2013

Hiroshi Matsunaga
(Signature of Inventor) Hiroshi MATSUNAGA

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

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

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