

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHOJI AKIYAMA	08/31/2018
RECEIVING PARTY DATA	
Name:	SHIN-ETSU CHEMICAL CO., LTD.
Street Address:	6-1, OTEMACHI 2-CHOME
Internal Address:	CHIYODA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	1000004
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16086467
CORRESPONDENCE DATA	
Fax Number:	(908)654-7866
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	(908) 654-5000
Email:	assignment@lerner david.com
Correspondent Name:	LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP
Address Line 1:	600 SOUTH AVENUE WEST
Address Line 4:	WESTFIELD, NEW JERSEY 07090
ATTORNEY DOCKET NUMBER:	OKUYAM 3.3F-132
NAME OF SUBMITTER:	KATHLEEN REYNOLDS
SIGNATURE:	/Kathleen Reynolds/
DATE SIGNED:	09/20/2018
Total Attachments: 1	
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ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

OKUYAM 3.3F-132

Whereas, I, Shoji Akiyama of
c/o Advanced Functional Materials Research Center; SHIN-ETSU CHEMICAL CO., LTD.;
13-1, Isobe 2-chome, Annaka-shi; Gunma; 3790195; JAPAN

hereafter referred to as assignor, have invented certain new and useful improvements in
METHOD FOR MANUFACTURING COMPOSITE WAFER PROVIDED WITH OXIDE SINGLE
CRYSTAL THIN FILM

for which an application for a United States Letters Patent was filed on 09/19/2018
 Application Number 16/086,467

for which an application for a United States Letters Patent was executed by me on _____

for which an International Application was filed on 04/04/2017, as
PCT/JP2017/014072, designating the United States.

And

Whereas, Shin-Etsu Chemical Co., Ltd.
 a corporation of Japan herein referred to as "assignee" whose mailing address is
6-1, Otomachi 2-chome; Chiyoda-Ku, Tokyo; 1000004; JAPAN

is desirous of acquiring the entire right, title and interest in the same;
 NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof
 is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said
 assignee the entire right, title and interest for the United States of America and all other countries in and to said
 invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue
 applications and patents applied for or granted therefor in the United States of America and all other countries, for
 said invention, including without limitation all applications and patents for said invention claiming priority or benefit
 of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of
 past infringement with the right to sue for and collect the same for its own use and the use of its successors,
 assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of
 Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting
 therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my
 legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute
 and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said
 improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its
 representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in
 any interferences or other legal proceedings in which any of said applications or patents may become involved, to
 sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its
 successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses
 incident to said applications to be borne and paid by said assignee.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said
 application when known.

2018 Aug 31st
 Date

Shoji Akiyama
 Shoji AKIYAMA

Mikio Watanabe
 Witness

Mikio WATANABE
 Printed Name of Witness