

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4442168

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TATSUYA SHIMODA	04/20/2017
SATOSHI INOUE	04/27/2017
KAZUHIRO FUKADA	05/09/2017
KIYOSHI NISHIOKA	03/29/2017
NOBUTAKA FUJIMOTO	04/06/2017
MASAHIRO SUZUKI	03/29/2017

RECEIVING PARTY DATA

Name:	JAPAN ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY
Street Address:	1-1 ASAHIDAI, NOMI-SHI
City:	ISHIKAWA
State/Country:	JAPAN
Postal Code:	923-1292
Name:	SUMITOMO SEIKA CHEMICALS CO., LTD.
Street Address:	346-1, MIYANISHI, HARIMA-CHO
Internal Address:	KAKO-GUN
City:	HYOGO
State/Country:	JAPAN
Postal Code:	675-0145

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15532769

CORRESPONDENCE DATA

Fax Number: (203)972-7627

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.

Phone: 203-972-0006

Email: venuto@bmtpatent.com, colabella@bmtpatent.com

Correspondent Name: BUCKLEY, MASCHOFF & TALWALKAR LLC

Address Line 1: 50 LOCUST AVENUE

Address Line 4: NEW CANAAN, CONNECTICUT 06840

PATENT

ATTORNEY DOCKET NUMBER:	KSSC15P003US (J02.003)
NAME OF SUBMITTER:	NANDU A. TALWALKAR
SIGNATURE:	/NAT/
DATE SIGNED:	06/02/2017
Total Attachments: 3 source=KSSC15P003US (J02.003) - Assignment#page1.tif source=KSSC15P003US (J02.003) - Assignment#page2.tif source=KSSC15P003US (J02.003) - Assignment#page3.tif	

ASSIGNMENT OF RIGHTS, TITLE AND INTEREST IN INVENTION

This is an Assignment of the following rights, title and interest: *(check all that apply)*

- United States of America rights, title and interest in the invention
- Foreign rights, title and interest in the invention
- The following United States Patent Application

United States Patent Application No.: 15/532,769

which was filed on: June 2, 2017

- United States Provisional Patent Application Serial No.:
- United States Patent No(s).:
- International (PCT) Patent Application Serial No.: PCT/JP2015/078158
- Other *(specify)*: JP Application No. 2014-253552 – filed 16 December, 2014

TITLE OF THE INVENTION:

**OXIDE PRECURSOR, OXIDE LAYER, SEMICONDUCTOR ELEMENT,
AND ELECTRONIC DEVICE, AND METHOD OF PRODUCING OXIDE
LAYER AND METHOD OF PRODUCING SEMICONDUCTOR ELEMENT**

Inventors (assignors)

Name	Address
Tatsuya SHIMODA	c/o Japan Advanced Institute of Science and Technology, 1-1, Asahidai, Nomi-shi, Ishikawa 923-1292 Japan
Satoshi INOUE	c/o Japan Advanced Institute of Science and Technology, 1-1, Asahidai, Nomi-shi, Ishikawa 923-1292 Japan
Kazuhiro FUKADA	c/o Japan Advanced Institute of Science and Technology, 1-1, Asahidai, Nomi-shi, Ishikawa 923-1292 Japan
Kiyoshi NISHIOKA	c/o Sumitomo Seika Chemicals Co., Ltd. 1, Irifune-cho, Shikama-ku, Himeji-shi, Hyogo 672-8076 Japan
Nobutaka FUJIMOTO	c/o Sumitomo Seika Chemicals Co., Ltd., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan
Masahiro SUZUKI	c/o Sumitomo Seika Chemicals Co., Ltd. 1, Irifune-cho, Shikama-ku, Himeji-shi, Hyogo 672-8076 Japan

Assignees

Name	Address
JAPAN ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY	1-1, Asahidai, Nomi-shi, Ishikawa 923-1292 Japan
SUMITOMO SEIKA CHEMICALS CO., LTD.	346-1, Miyanishi, Harima-cho, Kako-gun, Hyogo 675-0145 Japan

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified assignees;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignees;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignees, as assignees of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters

Patent which may be granted for my aforesaid Invention, as the Assignees or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures

4/20, 2017

Date

Tatsuya Shimoda

Tatsuya SHIMODA

April 27th, 2017

Date

Satoshi Inoue

Satoshi INOUE

5/9, 2017

Date

Kazuhiko Fukada

Kazuhiko FUKADA

3/29/2017

Date

Kiyoshi Nishioka

Kiyoshi NISHIOKA

4/6/2017

Date

Nobutaka Fujimoto

Nobutaka FUJIMOTO

3/29/2017

Date

Masahiro Suzuki

Masahiro SUZUKI