

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3596579

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Takashi OZAWA	08/19/2015
Kazuki TOKUNAGA	08/19/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SHINKO ELECTRIC INDUSTRIES CO., LTD.
<b>Street Address:</b>	80, OSHIMADA-MACHI
<b>Internal Address:</b>	NAGANO-SHI
<b>City:</b>	NAGANO-KEN
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	381-2287
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14886312
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(877)769-7945
<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>	
<b>Phone:</b>	(617) 542-5070
<b>Email:</b>	apso@fr.com
<b>Correspondent Name:</b>	JAMES H. RICHARD
<b>Address Line 1:</b>	FISH & RICHARDSON P.C.
<b>Address Line 2:</b>	P.O.BOX 1022
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55440-1022
<b>ATTORNEY DOCKET NUMBER:</b>	30536-0056001
<b>NAME OF SUBMITTER:</b>	RITA M. LISTON
<b>SIGNATURE:</b>	/Rita M. Liston/
<b>DATE SIGNED:</b>	11/02/2015
<b>Total Attachments: 1</b>	
source=30536_0056001_Assignment#page1.tif	

ASSIGNMENT OF APPLICATION

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned inventor(s) hereby:

1) Sell(s), assign(s) and transfer(s) to

**SHINKO ELECTRIC INDUSTRIES CO., LTD.**

(hereinafter referred to as "ASSIGNEE"), which has a business office at

80, Oshimada-machi, Nagano-shi, Nagano-ken 381-2287 Japan,

the entire right, title, and interest in any and all inventions and improvements disclosed in, application(s) based upon, and Patent(s) granted upon the information which is disclosed in the application entitled:

**SEMICONDUCTOR DEVICE**

(File No. \_\_\_\_\_) for which I(we) have executed an application for a United States Letters Patent on August 19, 2015.  
(Application Serial No. \_\_\_\_\_ filed on \_\_\_\_\_.)

2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application, or any division, continuation, substitute or reissue thereof, to the ASSIGNEE.

3) Agree to execute all papers and documents and perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof and/or the enforcement of patents resulting from such applications.

Signed on the date(s) indicated beside my(our) signature(s).

1) Takashi Oawa Date: Aug. 19, 2015  
Name: Takashi OZAWA

2) Kazuki Tokunaga Date: Aug. 19, 2015  
Name: Kazuki TOKUNAGA

Witness: Koichi Taya Date: Aug. 21, 2015