

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KEI SHINOTSUKA	01/10/2014
TAKAYUKI OKAMOTO	01/10/2014
ETSUKO KAWAMUKAI	01/10/2014
NORIO YAMAMURA	01/10/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	OJI HOLDINGS CORPORATION
<b>Street Address:</b>	7-5, GINZA 4-CHOME, CHUO-KU
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	104-0061
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14127602
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<b>NAME OF SUBMITTER:</b>	NEIL S. BARTFELD
<b>SIGNATURE:</b>	/Neil S. Bartfeld/
<b>DATE SIGNED:</b>	10/27/2014
<b>Total Attachments: 2</b>	
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PATENT

ASSIGNMENT

WHEREAS, I/WE (1) Kei SHINOTSUKA,  
a Japanese citizen, residing at Kawasaki-shi, Japan  
(2) Takayuki OKAMOTO,  
a Japanese citizen, residing at Niiza-shi, Japan  
(3) Etsuko KAWAMUKAI,  
a Japanese citizen, residing at Narashino-shi, Japan  
(4) Norio YAMAMURA,  
a Japanese citizen, residing at Yokohama-shi, Japan,

hereinafter referred to as Assignor (collectively if more than one inventor is listed above), have invented certain new and useful improvements in  
ORGANIC LIGHT-EMITTING DIODE MANUFACTURING METHOD, ORGANIC LIGHT-EMITTING DIODE,  
IMAGE DISPLAY DEVICE, ILLUMINATION DEVICE, AND SUBSTRATE

the specification of which:

- (a) ☐ was executed on even date herewith;
- (b) ☐ was filed on \_\_\_\_\_ as o Application No. \_\_\_\_\_ or o Express Mail No., as Application No. not yet known \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable); or
- (c) ☒ was described and claimed in PCT International Application No. PCT/JP2012/066556 filed on June 28, 2012 and as amended under PCT Article 19 on \_\_\_\_\_ (if any) and/or under PCT Article 34 on \_\_\_\_\_ (if any).

AND WHEREAS, Oji Holdings Corporation with its principal place of business at 7-5, Ginza 4-chome, Chuo-ku, Tokyo 104-0061 Japan, (hereinafter referred to as Assignee) desires to acquire the entire right, title, and interest in and to the said improvements with respect to the United States of America, its territories and possessions.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby acknowledges that it has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title, and interest in the United States of America, and its territories and possessions in, to and under said improvements, and any Patent Applications in the United States of America and all divisions, renewals and continuations thereof, and all Patents of the United States of America which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions; and Assignor hereby authorizes and requests the Commissioner of Patents of the United States of America to issue all Patents for said improvements to Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR HEREBY covenants and agrees that it will communicate to Assignee, its successors, legal representatives and assigns, any facts known to it respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in the United States of America.

IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed its signature.

This 10th day of January, 2014

Kei Shinotsuka  
Signature of Kei SHINOTSUKA

This 10th day of January, 2014

Takayuki Okamoto  
Signature of Takayuki OKAMOTO

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REEL: 034039 FRAME: 0309

(訂正版)

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This 10<sup>th</sup> day of January, 2014

Etsuko KAWAMUKAI

Signature of Etsuko KAWAMUKAI

This 10<sup>th</sup> day of January, 2014

Norio Yamamura

Signature of Norio YAMAMURA

Witnessed by:

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