

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>Hiroshi ISHIDAI</td> <td>07/12/2012</td> </tr> <tr> <td>Tomoyuki NAKAYAMA</td> <td>07/19/2012</td> </tr> <tr> <td>Shun FURUKAWA</td> <td>07/12/2012</td> </tr> </tbody> </table>	Name	Execution Date	Hiroshi ISHIDAI	07/12/2012	Tomoyuki NAKAYAMA	07/19/2012	Shun FURUKAWA	07/12/2012	
Name	Execution Date								
Hiroshi ISHIDAI	07/12/2012								
Tomoyuki NAKAYAMA	07/19/2012								
Shun FURUKAWA	07/12/2012								
RECEIVING PARTY DATA									
Name:	Konica Minolta Holdings, Inc.								
Street Address:	6-1 Marunouchi 1-chome, Chiyoda-ku								
City:	Tokyo								
State/Country:	JAPAN								
Postal Code:	100-0005								
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>13634380</td> </tr> </tbody> </table>	Property Type	Number	Application Number:	13634380					
Property Type	Number								
Application Number:	13634380								
CORRESPONDENCE DATA									
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NAME OF SUBMITTER:	Daniel P. Lent								
Total Attachments: 1 source=6EV9590#page1.tif									

OP \$40.00 13634380

## Assignment

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:  
PRODUCTION METHOD FOR ORGANIC ELECTROLUMINESCENT ELEMENT

for which I/WE have filed an application for Letters Patent of the United States; and

WHEREAS,

Konica Minolta Holdings, Inc.,

a corporation of Japan whose post office address is

6-1 Marunouchi 1-chome, Chiyoda-ku, Tokyo, 100-0005 Japan,

is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/We, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

INVENTOR; SIGNATURE	DATE	RESIDENCE AND POST OFFICE ADDRESS
Sign: <i>Hiroshi Ishidai</i>	Date: <i>July 12, 2012</i>	Hachioji-shi, Tokyo, Japan
Type: Hiroshi ISHIDAI	Citizen of: JAPAN	c/o Konica Minolta Advanced Layers, Inc., 2970 Ishikawa-machi, Hachioji-shi, Tokyo, 192-8505 Japan
Sign: <i>Tomoyuki Nakayama</i>	Date: <i>July 19, 2012</i>	Hino-shi, Tokyo, Japan
Type: Tomoyuki NAKAYAMA	Citizen of: JAPAN	c/o Konica Minolta Advanced Layers, Inc., 2970 Ishikawa-machi, Hachioji-shi, Tokyo, 192-8505 Japan
Sign: <i>Shun Furukawa</i>	Date: <i>July 12, 2012</i>	Machida-shi, Tokyo, Japan
Type: Shun FURUKAWA	Citizen of: JAPAN	c/o Konica Minolta Advanced Layers, Inc., 2970 Ishikawa-machi, Hachioji-shi, Tokyo, 192-8505 Japan