

## PATENT ASSIGNMENT

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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>Jun Koyama</td><td>11/04/2010</td></tr><tr><td>Shunpei Yamazaki</td><td>11/03/2010</td></tr></tbody></table>	Name	Execution Date	Jun Koyama	11/04/2010	Shunpei Yamazaki	11/03/2010	
Name	Execution Date						
Jun Koyama	11/04/2010						
Shunpei Yamazaki	11/03/2010						
RECEIVING PARTY DATA							
Name:	Semiconductor Energy Laboratory Co., Ltd.						
Street Address:	398, Hase						
City:	Atsugi-shi, Kanagawa-ken						
State/Country:	JAPAN						
Postal Code:	243-0036						
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>12955078</td></tr></tbody></table>	Property Type	Number	Application Number:	12955078			
Property Type	Number						
Application Number:	12955078						
CORRESPONDENCE DATA							
Fax Number: (703)766-2394 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone: (571) 434-6789							
Email: scarr@riplo.com							
Correspondent Name: Eric J. Robinson							
Address Line 1: Robinson IP Law Office, P.C.							
Address Line 2: 3975 Fair Ridge Drive, Suite 20 North							
Address Line 4: Fairfax, VIRGINIA 22033							
ATTORNEY DOCKET NUMBER:	0756-9066						
NAME OF SUBMITTER:	Eric J. Robinson						
Total Attachments: 2 source=assignment#page1.tif source=assignment#page2.tif							

OP \$40.00 12955078

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PATENT  
REEL: 025426 FRAME: 0117

**ASSIGNMENT**

Serial No. \_\_\_\_\_

Filed \_\_\_\_\_

WHEREAS, Jun KOYAMA and Shunpei YAMAZAKI  
(hereinafter designated as the undersigned) has (have) invented certain new and useful  
improvements in LIQUID CRYSTAL DISPLAY DEVICE, METHOD FOR DRIVING THE  
SAME, AND ELECTRONIC DEVICE INCLUDING THE SAME for which an application  
for Letters Patent of the United States of America has been executed by the undersigned  
on \_\_\_\_\_, and;

WHEREAS, Semiconductor Energy Laboratory Co., Ltd. of 398, Hase, Atsugi-shi,  
Kanagawa-ken, 243-0036 Japan and its heirs, successors, legal representatives and assigns  
(hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and  
interest in and to said invention and in and to any Letters Patent(s) that may be granted  
therefor in the United States of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the  
undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and  
valuable consideration, the undersigned has (have) sold, assigned and transferred, and by  
these presents do sell, assign and transfer unto said Assignee the full and exclusive right to the  
said invention in the United States of America and its territories and for all foreign countries,  
dependencies and possessions and the entire right, title and interest in and to any and all  
Letters Patent(s) which may be granted therefor in the United States of America and its  
territories, dependencies and possessions, and in and to any and all divisions, reissues,  
continuations and extensions thereof for the full term or terms for which the same may be  
granted.

The undersigned agree(s) to execute all papers necessary in connection with this  
application and any continuing, divisional or reissue applications thereof and also to execute  
separate assignments in connection with such applications as the Assignee may deem  
necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any  
interference which may be declared concerning this application or any continuation, division  
or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with  
the Assignee in every way possible in obtaining and producing evidence and proceeding with  
such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act  
which may be necessary in connection with claims under or provisions of the International  
Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to  
obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein  
hereby conveyed to said Assignee as fully and entirely as the same would have been held by  
the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and  
Trademarks to issue any and all Letters Patents of the United States of America resulting from

said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of ROBINSON INTELLECTUAL PROPERTY LAW OFFICE the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

*In witness thereof*, this Assignment has been executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 11/04/2010

Signature

Name Jun KOYAMA



Date 11/03/2010

Signature

Name Shunpei YAMAZAKI



This assignment should preferably be acknowledged before a United States Consul or Notary Public. If not, then the execution by the Inventor(s) should be witnessed has (have) invented certain new and useful improvements in by at least two other persons who should sign here.

Witness \_\_\_\_\_

Signature \_\_\_\_\_

Witness \_\_\_\_\_

Signature \_\_\_\_\_

Witness \_\_\_\_\_

Signature \_\_\_\_\_