

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5583736

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
	Name	Execution Date	
	SHUNPEI YAMAZAKI	06/12/2019	
	KEI TAKAHASHI	06/06/2019	
	YOSHIYUKI KUROKAWA	06/06/2019	
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			
	Property Type	Number	
	Application Number:	16471962	
CORRESPONDENCE DATA			
Fax Number:	(703)766-2394		
<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>			
Phone:	(571) 434-6789		
Email:	uspto@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:	0756-11751		
NAME OF SUBMITTER:	ERIC J. ROBINSON		
SIGNATURE:	/Eric J. Robinson/		
DATE SIGNED:	06/20/2019		
Total Attachments: 2			
source=Assignment#page1.tif			
source=Assignment#page2.tif			

ASSIGNMENT

Serial No. 16/471,962

Filed June 20, 2019

WHEREAS, Shunpei YAMAZAKI, Kei TAKAHASHI and Yoshiyuki KUROKAWA (hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in DISPLAY DEVICE AND MANUFACTURING METHOD THEREOF 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

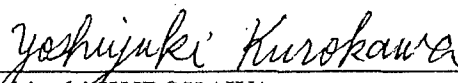
the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

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 06/12/2019 Signature 
Name Shunpei YAMAZAKI

Date 06/06/2019 Signature 
Name Kei TAKAHASHI

Date 06/06/2019 Signature 
Name Yoshiyuki KUROKAWA

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 _____