

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4470652

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TSUTOMU MURAKAWA	06/14/2017
TOSHIHIKO TAKEUCHI	06/14/2017
HIROKI KOMAGATA	06/14/2017
HIROMI SAWAI	06/14/2017
YASUMASA YAMANE	06/15/2017
SHOTA SAMBONSUGE	06/15/2017
KAZUYA SUGIMOTO	06/16/2017
SHUNPEI YAMAZAKI	06/13/2017
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:	15628945
CORRESPONDENCE DATA	
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<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>	
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ATTORNEY DOCKET NUMBER:	0756-11431
NAME OF SUBMITTER:	ERIC J. ROBINSON
SIGNATURE:	/Eric J. Robinson/

PATENT

DATE SIGNED:	06/21/2017
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif	

ASSIGNMENT

Serial No. 15/628,945

Filed June 21, 2017

WHEREAS, Tsutomu MURAKAWA, Toshihiko TAKEUCHI, Hiroki KOMAGATA, Hiromi SAWAI, Yasumasa YAMANE, Shota SAMBONSUGE, Kazuya SUGIMOTO and Shunpei YAMAZAKI

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICE 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 06/14/2017 Signature Tsutomu Murakawa
Name Tsutomu MURAKAWA

Date 06/14/2017 Signature Toshibiko Takeuchi
Name Toshibiko TAKEUCHI

Date 06/14/2017 Signature Hiroki Komagata
Name Hiroki KOMAGATA

Date 06/14/2017 Signature Hiromi Sawai
Name Hiromi SAWAI

Date 06/15/2017 Signature Yasumasa YAMANE
Name Yasumasa YAMANE

Date 06/15/2017 Signature Shota Sambonsuge
Name ~~Shota SAMBONSUGE~~ 06/15/2017 S.S.
Shota SAMBONSUGE

Date 06/16/2017 Signature Shota Sambonsuge Kazuya SUGIMOTO
Date 06/15/2017 Signature Shota Sambonsuge 06/15/2017 S.S.
Name Kazuya SUGIMOTO

Date 06/13/2017 Signature Shunpei Yamazaki
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 _____