

PATENT ASSIGNMENT

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NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Shunpei Yamazaki	09/16/2010
Jun Koyama	09/21/2010
Masahiro Takahashi	09/17/2010
Hideyuki Kishida	09/17/2010
Akiharu Miyanaga	09/21/2010
Yasuo Nakamura	09/17/2010
Junpei Sugao	09/24/2010
Hideki Uochi	09/17/2010

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

Property Type	Number
Application Number:	12898366

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	12732-0708001
NAME OF SUBMITTER:	April K. Saunders-Fuller
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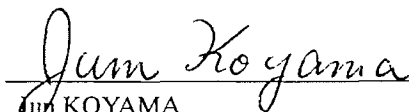
ASSIGNMENT

For valuable consideration, We, Shunpei YAMAZAKI of Setagaya, Tokyo, Japan, Jun KOYAMA of Sagami-hara, Kanagawa, Japan, Masahiro TAKAHASHI of Atsugi, Kanagawa, Japan, Hideyuki KISHIDA of Atsugi, Kanagawa, Japan, Akiharu MIYANAGA of Hadano, Kanagawa, Japan, Yasuo NAKAMURA of Machida, Tokyo, Japan, Junpei SUGAO of Atsugi, Kanagawa, Japan and Hideki UOCHI of Atsugi, Kanagawa, Japan hereby assign to Semiconductor Energy Laboratory Co., Ltd., a Japanese corporation having a place of business at:

398, Hase, Atsugi-shi, Kanagawa-ken, 243-0036 Japan

and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us this day, entitled SEMICONDUCTOR DEVICE, filed October 5, 2010, and assigned U.S. Serial Number 12/898,366, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Signature 
Name: Shunpei YAMAZAKI
Date: 09/16/2010

Signature 
Name: Jun KOYAMA
Date: 09/21/2010

Signature Masahiro Takahashi
Name: Masahiro TAKAHASHI
Date: 09/17/2010

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Name: Yasuo NAKAMURA
Date: 09/17/2010

Signature Junpei Sugao
Name: Junpei SUGAO
Date: 09/24/2010

Signature Hideki Uochi
Name: Hideki UOCHI
Date: 09/17/2010