

PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Noriko Miyagi	10/29/2004
Masayuki Sakakura	10/09/2004
Tatsuya Arao	10/14/2004
Ritsuko Nagao	10/12/2004
Yoshifumi Tanada	10/12/2004
RECEIVING PARTY DATA	
Name:	SEMICONDUCTOR ENERGY LABORATORY CO., LTD.
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City:	ATSUGI-SHI, KANAGAWA-KEN
State/Country:	JAPAN
Postal Code:	243-0036
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13104074
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SIGNATURE:	/April K. Saunders-Fuller/
DATE SIGNED:	03/31/2014
Total Attachments: 1	
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ASSIGNMENT

For valuable consideration, We, Noriko MIYAGI of Yokaichi, Shiga, Japan, Masayuki SAKAKURA of Atsugi, Kanagawa Japan, Tatsuya ARAO of Atsugi, Kanagawa, Japan, Ritsuko NAGAO of Atsugi, Kanagawa, Japan and Yoshifumi TANADA 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 DISPLAY DEVICE AND METHOD FOR MANUFACTURING THE SAME filed 05/10/11 and assigned U.S. Serial Number 13104074 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: Noriko Miyagi
Name: Noriko MIYAGI
Date: 10/29/2004

Signature: Yoshifumi Tanada
Name: Yoshifumi TANADA
Date: 10/12/2004

Signature: Masayuki Sakakura
Name: Masayuki SAKAKURA
Date: 10/9/2004

Signature: Tatsuya ARAO
Name: Tatsuya ARAO
Date: 10/14/2004

Signature: Ritsuko Nagao
Name: Ritsuko NAGAO
Date: 10/12/2004