

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	TORU TAKAYAMA	10/24/2002
	JUNYA MARUYAMA	10/24/2002
	SHUNPEI YAMAZAKI	10/24/2002
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:	15834163	
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NAME OF SUBMITTER:	JANELLE A. JACKSON	
SIGNATURE:	/Janelle A. Jackson/	
DATE SIGNED:	01/30/2018	
Total Attachments: 1		
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ASSIGNMENT

For valuable consideration, we, TORU TAKAYAMA of Kanagawa, Japan, JUNYA MARUYAMA of Kanagawa, Japan, SHUNPEI YAMAZAKI of Tokyo, Japan, hereby assign to Semiconductor Energy Laboratory Co., Ltd., a corporation of Japan 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, entitled PEELING METHOD AND METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE, filed August 14, 2002 and assigned U.S. Serial Number 10/218,042 ; 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.

IN WITNESS WHEREOF, I hereto set my hand and seal at Kanagawa, Japan,
this 24th day of October, 2002
Toru Takayama L.S.
TORU TAKAYAMA

IN WITNESS WHEREOF, I hereto set my hand and seal at Kanagawa, Japan,
this 24th day of October, 2002
Junya Maruyama L.S.
JUNYA MARUYAMA

IN WITNESS WHEREOF, I hereto set my hand and seal at Kanagawa, Japan,
this 24th day of October, 2002
Shunpei Yamazaki L.S.
SHUNPEI YAMAZAKI