## 505651806 09/03/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY D	ΑΤΑ			
		Name	Execution Date	
Kazutaka KURIKI			03/21/2013	
Ryota Tajima			03/21/2013	
Tamae Moriwaka			03/22/2013	
RECEIVING PARTY DA	TA			
Name:	SEMIC	ONDUCTOR ENERGY LABORATO	RY CO., LTD.	
Street Address:	398, HASE			
City:	ATSUGI-SHI, KANAGAWA-KEN			
State/Country:	JAPAN			
Postal Code:	243-0036			
Property Type		Number		
		<b>Number</b> 16558396	_	
Application Number:	ΑΤΑ			
Application Number: CORRESPONDENCE D Fax Number:		16558396 (877)769-7945		
Application Number: CORRESPONDENCE D Fax Number: Correspondence will b	e sent to	16558396 (877)769-7945 <b>b the e-mail address first; if that is</b>	unsuccessful, it will be sent	
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i>	e sent to	16558396 (877)769-7945 o the e-mail address first; if that is d; if that is unsuccessful, it will be	unsuccessful, it will be sent sent via US Mail.	
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone:	e sent to provideo	16558396 (877)769-7945 <b>b the e-mail address first; if that is</b>	unsuccessful, it will be sent sent via US Mail.	
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email:	e sent to provideo	16558396 (877)769-7945 <b>b the e-mail address first; if that is</b> <b>d; if that is unsuccessful, it will be</b> (202) 626-6363	unsuccessful, it will be sent sent via US Mail.	
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name:	e sent to provideo	16558396 (877)769-7945 <b>D the e-mail address first; if that is</b> <b>d; if that is unsuccessful, it will be</b> (202) 626-6363 apsi@fr.com	unsuccessful, it will be sent sent via US Mail.	
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Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	e sent to provideo	16558396 (877)769-7945 <b>D the e-mail address first; if that is</b> <b>d; if that is unsuccessful, it will be</b> (202) 626-6363 apsi@fr.com KARINA CALLISTE FISH & RICHARDSON P.C.	sent via US Mail.	
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	e sent to provideo	16558396 (877)769-7945 <b>b the e-mail address first; if that is</b> <b>d; if that is unsuccessful, it will be</b> (202) 626-6363 apsi@fr.com KARINA CALLISTE FISH & RICHARDSON P.C. P.O.BOX 1022 MINNEAPOLIS, MINNESOTA 55440	sent via US Mail.	
Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NU	e sent to provideo	16558396 (877)769-7945 <b>b the e-mail address first; if that is</b> <b>d; if that is unsuccessful, it will be</b> (202) 626-6363 apsi@fr.com KARINA CALLISTE FISH & RICHARDSON P.C. P.O.BOX 1022 MINNEAPOLIS, MINNESOTA 55440	sent via US Mail.	
Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	e sent to provideo	16558396 (877)769-7945 <b>b the e-mail address first; if that is</b> <b>d; if that is unsuccessful, it will be</b> (202) 626-6363 apsi@fr.com KARINA CALLISTE FISH & RICHARDSON P.C. P.O.BOX 1022 MINNEAPOLIS, MINNESOTA 55440 12732-1159005	sent via US Mail.	
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NUME NAME OF SUBMITTER:	e sent to provideo	16558396 (877)769-7945 <b>D the e-mail address first; if that is</b> <b>d; if that is unsuccessful, it will be</b> (202) 626-6363 apsi@fr.com KARINA CALLISTE FISH & RICHARDSON P.C. P.O.BOX 1022 MINNEAPOLIS, MINNESOTA 55440 12732-1159005 SHARON M. ALLEN	sent via US Mail.	

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## **ASSIGNMENT**

For valuable consideration, We, Kazutaka KURIKI of Ebina. Kanagawa, Japan, Ryota TAIIMA of Isehara, Kanagawa, Japan and Tamae MORIWAKA of Isehara, 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 POWER STORAGE ELEMENT, MANUFACTURING METHOD THEREOF, AND POWER STORAGE DEVICE, filed March 12, 2013, and assigned U.S. Serial Number 13/797,104, 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 Assignce 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	Kazutaka KURIKI			
Name:	Kazutaka KURIKI			
Date:	03/21/2013			
Signature Name: Date:	Ryota Tajima Ryola TAIIMA 03/21/2013			
Signature	Tamae Moriwaka			
Name:	Tamae MORIWAKA			
Date	03/22/203			

RECORDED: 09/03/2019