

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TAKASHI NAKAGAWA	10/23/2021
TAKAYUKI IKEDA	10/14/2021
HIDETOMO KOBAYASHI	10/14/2021
HIDEAKI SHISHIDO	10/14/2021
SHUICHI KATSUI	10/14/2021
KIYOTAKA KIMURA	10/14/2021
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:	17609497
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	12732-2161US1
NAME OF SUBMITTER:	APRIL SAUNDERS-FULLER
SIGNATURE:	/April Saunders-Fuller/
DATE SIGNED:	11/08/2021

Total Attachments: 4

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ASSIGNMENT

For valuable consideration, We, Takashi NAKAGAWA of GurandobuiraA201, 4-1-20, Sonan, Minami-ku, Sagami-hara-shi, Kanagawa-ken, 252-0312, Japan, Takayuki IKEDA of Atsugi, Kanagawa, Japan, Hidetomo KOBAYASHI of Isehara, Kanagawa, Japan, Hideaki SHISHIDO of Atsugi, Kanagawa, Japan, Shuichi KATSUI of Atsugi, Kanagawa, Japan and Kiyotaka KIMURA 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 DISPLAY DEVICE, filed November 8, 2021, and assigned U.S. Serial Number 17/609,497, 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 Takashi Nakagawa
Name: Takashi NAKAGAWA
Date: 10/23/2021

Signature _____
Name: Takayuki IKEDA
Date: _____

Signature _____
Name: Hidetomo KOBAYASHI
Date: _____

Signature _____
Name: Hideaki SHISHIDO
Date: _____

Signature _____
Name: Shuichi KATSUI
Date: _____

Signature _____
Name: Kiyotaka KIMURA
Date: _____

ASSIGNMENT

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Signature _____
Name: Takashi NAKAGAWA
Date: _____

Signature Takayuki Ikeda
Name: Takayuki IKEDA
Date: 10/14/2021

Signature Hidetomo Kobayashi
Name: Hidetomo KOBAYASHI
Date: 10/14/2021

Signature Hideaki SHISHIDO
Name: Hideaki SHISHIDO
Date: 10/14/2021

Signature Shuichi Katsui
Name: Shuichi KATSUI
Date: 10/14/2021

Signature Kiyotaka Kimura
Name: Kiyotaka KIMURA
Date: 10/14/2021