507401845 07/25/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7448773

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIROSHI SATO	10/08/2021
YOSHINORI MURAKAMI	04/26/2021
HIDEKAZU TANISAWA	10/11/2021
SHINJI SATO	10/08/2021
FUMIKI KATO	10/08/2021
KAZUHIRO MITAMURA	10/13/2021
YUI TAKAHASHI	07/06/2022

RECEIVING PARTY DATA

Name:	NISSAN MOTOR CO., LTD.
Street Address:	2, TAKARA-CHO, KANAGAWA-KU
City:	YOKOHAMA-SHI, KANAGAWA
State/Country:	JAPAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17417854

CORRESPONDENCE DATA

Fax Number: (202)672-5399

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	040302-1230
NAME OF SUBMITTER:	EFFIE HALE FOR KIRI LEE SHARON
SIGNATURE:	/Effie Hale/
DATE SIGNED:	07/25/2022
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 060603 FRAME: 0872

Total Attachments: 15 source=CombDecl_Assign#page1.tif source=CombDecl_Assign#page2.tif source=CombDecl_Assign#page3.tif source=CombDecl_Assign#page4.tif source=CombDecl_Assign#page5.tif source=CombDecl_Assign#page6.tif source=CombDecl_Assign#page7.tif source=CombDecl_Assign#page8.tif source=CombDecl_Assign#page9.tif source=CombDecl_Assign#page10.tif source=CombDecl_Assign#page11.tif source=CombDecl_Assign#page12.tif source=CombDecl_Assign#page13.tif source=CombDecl_Assign#page14.tif source=CombDecl_Assign#page15.tif

PATENT REEL: 060603 FRAME: 0873

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred and by these presents hereby sells, assigns, and transfers, unto

NISSAN MOTOR CO., LTD. of 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, Japan

(hereinafter referred to as "ASSIGNEE") its successors and assigns, his or her full and exclusive right, title and interest for the United States, its territories and possessions, in and to the invention relating to

SEMICONDUCTOR DEVICE

as set forth in the following natent application(s):

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check one		the attached application
	**	U.S. application or PCT international application number PCT/JP2018/047844 filed December 26, 2018

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INVENTOR DECLARATION FOR U.S. PATENT APPLICATION

THA	T this declaration	is directed to:			
check	T the	attached applica	tion		
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	W U.	S. application or l	PCT internation	al application	ı number

THAT the above-identified application was made or authorized to be made by me.

PCT/JP2018/047844 filed December 26, 2018

THAT I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

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NAMES AND SIGNATURES OF INVENTORS		
Name: Hiroshi SATO	Signature: Hirshi Satto	Date: 0 ct. 8 204
Name: Yoshinori MURAKAMI	Signature:	Date:
Name: Hidekazu TANISAWA	Signature:	Date:
Name: Shinji SATO	Signature: Shiri Sato	Date: Oct, 8, 2021
Name: Fumiki KATO	Signature: Fumile: Karto	Date: 0, 2, 2, 2, 2
Name: Kazuhiro MITAMURA	Signature:	Date:
Name: Yui TAKAHASHI	Signature:	Date:

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NAMES AND SIGNATURES OF INVENTORS		
Name: Hiroshi SATO	Signature:	Date:
Name: Yoshinori MURAKAMI	Signature: Yoshiwi Murakani	Date: April 16,2021
Name:	Signature:	Date:
Hidekazu TANISAWA		
Name:	Signature:	Date:
Shinji SATO		
Name:	Signature:	Date:
Fumiki KATO		
Name:	Signature:	Date:
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Name: Hiroshi SATO	Signature:	Date:		
THOSH SATO				
Name:	Signature:	Date:		
Yoshinori MURAKAMI				
Name:	Signature: 合澤考和	Date: 202//10/11		
Hidekazu TANISAWA	谷:幸秀和	<u>'</u>		
Name:	Signature:	Date:		
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Name:	Signature:	Date:		
Hiroshi SATO				
Name:	Cinnet			
Name:	Signature:	Date:		
Yoshinori MURAKAMI				
Name:	Signature:	Date:		
Hidekazu TANISAWA				
Name:	Signature:	Date:		
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Kazuhiro MITAMURA	Kazuhino MITAMURA	(0.13.202)		
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4831-4796-6481.1

Page 1 of 3

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As a below named inventor, I HEREBY DECLARE:

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Page 2 of 3

THAT	this d	leclara	tion i	s direct	ed to:

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Name: Yui TAKAHASHI	Signature: Ywi Talaha shi	Date: Jul. 6, 2022		
*				

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Page 3 of 3