## 505839469 12/27/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5886403

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KANTA TSUJI	12/19/2019
ATSUSHI ISHIOKA	12/19/2019
DAIKI NISHIDA	12/19/2019
AKIRA SHIOGAI	12/19/2019
ATSUKI IWAMITSU	12/19/2019
DAISUKE NAKANISHI	12/19/2019
KOICHI FUJIMAKI	12/19/2019

## **RECEIVING PARTY DATA**

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## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16728571

## **CORRESPONDENCE DATA**

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NAME OF SUBMITTER:	JOSEPH P. CARRIER
SIGNATURE:	/Joseph P. Carrier/
DATE SIGNED:	12/27/2019

PATENT 505839469 REEL: 051435 FRAME: 0441

# **Total Attachments: 5** source=CSP-GH-248-A\_Assign#page1.tif source=CSP-GH-248-A\_Assign#page2.tif source=CSP-GH-248-A\_Assign#page3.tif

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# DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATIONS

V	EHICLE CONT	ROL DEVICE AND	VEHIC	LE CON	TROL MET	гнор
	(Title of the Invention)					
As a below nam	ed inventor / ass	ignor (hereinafter de	signted	l as unde	rsigned), I h	ereby declare that:
This declaration	is directed to:					
The attached	application,					
OR						
United State	s Application Nu	umber or PCT Intern	ational	Applicat	ion Number	Ī
		; filed on				
If the application is not attached hereto, the application is as identified by the Attorney Docket Number as set forth above.						
The above-ident	tified application	was made or author	ized to	be made	by me.	
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.						
I have reviewed and understand the contents of the above-identified application, including the claims.						
I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.						
I hereby acknowledges that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.						
I hereby claim foreign priority under Title 35, United States Code, Section 119(a)-(d) or 365(b) of any foreign application(s) for patent of inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filling date before that of the application for which priority is claimed.						
Prior Foreign Application	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Certified Copy A Not Claimed		Copy Attached?	
Number(s) 2018-246751	JAPAN	12/28/2018		П	YES	
	<b>W</b> =		<b></b>			

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below:

U.S. Provisional Application No.	Filing Date (MM/DD/YYYY)
***************************************	

Direct all correspondence to the address associated with Customer Number: 21828

Joseph P. Carrier, Reg. No. 31,748 Fulchand P. Shende, Reg. No. 69,558 Anne G. Sabourin, Reg. No. 33,772

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**DIRECT TELEPHONE CALLS TO:** Fulchand P. Shende, Jeffrey T. Gedeon, Anne G. Sabourin

WHEREAS, in consideration of value received, the undersigned sells and assigns to

## HONDA MOTOR CO., LTD.

a corporation of JAPAN, having a place of business at

## 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556, JAPAN

respectively, its successors, assigns or nominees, hereinafter referred to as "Assignee", the entire right, title and interest in and to above-identified invention invented by the Assignor and as described in the United States Application Number or PCT International Application Number

U.S. Patent Application 16/728,571 filed electronically December 27, 2019

(Serial No. and filing date unknown at time of signing, however, Applicant's representative is specifically authorized to insert the relevant serial No. and filing date in the space above as soon as it becomes known)

and in and to all applications for patent for said invention in all countries, and all divisions, reissues, continuations and extensions of any of said applications, and all rights of priority resulting from the filing of any said applications; and Assignor authorizes and requests any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and Assignor agrees that on request and without further consideration, but at the expense of said Assignee, Assignor will communicate to said Assignee or its representatives any facts known to Assignor respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce a proper patent protection for said invention in all countries.

The undersigned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

The undersigned hereby grants the law firm of Carrier Blackman & Associates, PC the power to insert any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

In witness whereof, executed by the undersigned.

LEGAL NAME OF SOLE OR FIRST INVENTOR: Kanta TSUT
Inventor's Signature: Konta Tsuji Date: December 19, 2019
Residence: City: Wako-shi State: Saitama-ken Country: JAPAN
Mailing Address: c/o HONDA R&D CO., LTD., 4-1, Chuo 1-chome,
City: Wako-shi State: Saitama Zip: 351-0193 Country: JAPAN
Additional inventors are being named on the 2 supplemental sheet(s) attached hereto.

# SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

ADDITIONAL INVENTOR(S)
Supplemental Sheet Page 1 of 2

LEGAL NAME OF Additional Joint Inventor, if any: Atsushi IS-11000
Inventor's Signature: Ashi Ashioka Date: December 19, 2019
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LEGAL NAME OF Additional Joint Inventor, if any: Daiki NISHDA
Inventor's Signature: Daiki Mishida Date: December 19, 2019
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City: Wako-shi State: Saitama Zip: 351-0193 Country: JAPAN
LEGAL NAME OF Additional Joint Inventor, if any: Akira SHIOZAI
Inventor's Signature: Uhira Shiogai Date: December 19, 2019
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# SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 2 of 2

LEGAL NAME OF Additional Joint Inventor, if any:				
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LEGAL NAME OF Additional Joint Inventor, if any:				
Inventor's Signature: Laistike Nakanishi Date: December 19, 2019				
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LEGAL NAME OF Additional Joint Inventor, if any: Koichi FUJIMAKI				
Inventor's Signature: Koichi Fujimak Date: December 19, 2019				
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City: Wako-shi State: Saitama Zip: 351-0193 Country: JAPAN				

PATENT REEL: 051435 FRAME: 0447

**RECORDED: 12/27/2019**