505583219 07/22/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5630018

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUHEI HORIUCHI	06/25/2019

RECEIVING PARTY DATA

Name:	Honda Motor Co., Ltd.	
Street Address:	1-1, Minami-Aoyama 2-chome	
City:	Minato-ku, Tokyo	
State/Country:	JAPAN	
Postal Code:	107-8556	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16518456

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	CSP-GH-209-A
NAME OF SUBMITTER:	JOSEPH P. CARRIER
SIGNATURE:	/Joseph P. Carrier/
DATE SIGNED:	07/22/2019

Total Attachments: 3

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PATENT 505583219 REEL: 049822 FRAME: 0449

DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATIONS

					
		HUMIDIF	IER		
		(Title of the Invi	ention)		***************************************
As a below name	ed inventor / ass	ignor (hereinafter des	signted as under	rsigned), I here	eby declare that:
This declaration	is directed to:				
The attached	application,				
OR					
United States	s Application Nu	umber or PCT Interna	itional Applicat	ion Number	
		; filed on			
	n is not attached	hereto, the application		ed by the Attor	ney Docket Number
The above-ident	ified application	was made or author	ized to be made	by me.	
I believe that I a application.	m the original in	ventor or an original	joint inventor (of a claimed in	vention in the
I have reviewed	and understand	the contents of the al	ove-identified	application, in	cluding the claims.
	he duty to disclo Regulations § 1	se information which	n is material to p	patentability a	s defined in Title 37,
		willful false statemer			
of any foreign International ap- below and have inventor's certif	application(s) plication which of also identified b	ander Title 35, Unite for patent of invedesignated at least or below, by checking the international application	ntor's certificate ne country other he box, any for	te, or 365(a) than the Unit eign applicatio	of any PCT ed States listed on for patent or
Prior Foreign	Country	Foreign Filing	Priority	Certified Co	py Attached?
Application Number(s)		Date (MM/DD/YYYY)	Not Claimed	YES	NO
2018-138367	JAPAN	07/24/2018			

PATENT REEL: 049822 FRAME: 0450 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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SEND CORRESPONDENCE TO: CARRIER, BLACKMAN & ASSOCIATES, P.C. Joseph P. Carrier, William D. Blackman, 22960 Venture Drive - Suite 100 Novi, Michigan 48375

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 16/518,456 filed electronically July 22, 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.

> **PATENT** REEL: 049822 FRAME: 0451

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: Yuhei HORIUCHI
Inventor's Signature: Yukei Horluchi Date: June 25, 2019
Residence: City: <u>Wako-shi</u> State: <u>Saitama-ken</u> Country: <u>JAPAN</u>
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 supplemental sheet(s) attached hereto.

PATENT REEL: 049822 FRAME: 0452

RECORDED: 07/22/2019