505274419 01/11/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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HIROKAZU TANAKA	12/18/2018
HIROMASA EMURA	12/18/2018

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16229924

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NAME OF SUBMITTER:	JOSEPH P. CARRIER
SIGNATURE:	/Joseph P. Carrier/
DATE SIGNED:	01/11/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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> **PATENT REEL: 047966 FRAME: 0588** 505274419

DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATIONS

	TRANSMISSION APPARATUS			
L	(Title of the Invention)			
As a below named inven	tor / assignor (hereinafter designted as undersigned), I hereby declare that:			
This declaration is direct	ed to:			
The attached applicat	ion,			
OR				
United States Applica	ation Number or PCT Internatioanl Application Number			
16/229,924	filed electronically December 21, 2018.			
If the application is not a as set forth above.	ttached hereto, the application is as identified by the Attorney Docket Numbe			
The above-identified app	lication was made or authorized to be made by me.			
I believe that I am the or application.	iginal inventor or an original joint inventor of a claimed invention in the			
I have reviewed and und	erstand the contents of the above-identified application, including the claims.			
I acknowledge the duty t Code of Federal Regulati	o disclose information which is material to patentability as defined in Title 37 ons $\S~1.56$.			
I hereby acknowledges th	nat any willful false statement made in this declaration is punishable under			

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

18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

application for which priority is claimed.

Prior Foreign	Country	Foreign Filing	Priority	Certified Co	ppy Attached?
Application		Date	Not Claimed		
Number(s)		(MM/DD/YYYY)		YES	NO
2017-252991	JAPAN	12/28/2017			
2018-181673	JAPAN	09/27/2018			\boxtimes

1

PATENT REEL: 047966 FRAME: 0589 Direct all correspondence to the address associated with Customer Number: 21828

Joseph P. Carrier, Reg. No. 31,748 William D. Blackman, Reg. No. 32,397 Fulchand P. Shende, Reg. No. 69,558

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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 Internatioanl Application Number

U.S. Patent Application 16/229,924 filed electronically December 21, 2018

(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:Takeshi_SUGANO			
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Inventor's Signature: Hirokazu Tahaka Date: OEC. 18.2018	······		
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3