10/12/2017 504590696

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOSHIO TOKUNE	06/21/2017
TAKUYA NISHINUMA	06/27/2017
TAKAHIRO KOMORI	06/21/2017
KENSHI INOUE	06/22/2017
KIYOSHI TANAAMI	06/23/2017
TAKASHI NAKAGAWA	06/27/2017

RECEIVING PARTY DATA

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City:	Minato-ku, Tokyo
State/Country:	JAPAN
Postal Code:	107-8556

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15703912

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ATTORNEY DOCKET NUMBER:	SAA-234-A
NAME OF SUBMITTER:	JOSEPH P. CARRIER
SIGNATURE:	/Joseph P. Carrier/
DATE SIGNED:	10/12/2017

Total Attachments: 4

PATENT REEL: 043847 FRAME: 0085

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PATENT REEL: 043847 FRAME: 0086

Attorney Docket No.: SAA-234-A

COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATIONS

ELECTRODE MIX	IURE LAYER								
	***************************************	(Title of the Inv	ention)						
As a below named	inventor / ass	ignor (hereinafter de	signted	as unde	rsigned)	, I he	reby declare that:		
This declaration is	directed to:								
The attached ap	plication,								
OR									
<u>M</u>	pplication Nu	ımber or PCT Intern	ational	Applica	tion Nun	nber			
		filed on			×				
						e Atto	orney Docket Number		
The above-identific	ed application	was made or author	ized to	be made	by me.				
		ventor or an origina				med i	nvention in the		
I have reviewed an	d understand	the contents of the al	oove-id	entified	applicat	ion, i	ncluding the claims.		
I acknowledge the Code of Federal Re			ı is ma	terial to	patentab	ility a	as defined in Title 37		
		willful false statemer					*		
of any foreign a International applic below and have als	pplication(s) cation which one so identified to te, or PCT li	under Title 35, Unite for patent of invedesignated at least or below, by checking to the transitional applications.	ntor's ie coun he box.	certifica try other , any for	te, or in than the eign app	365(a e Uni dicati) of any PCT ted States listed on for patent or		
Prior Foreign	Country	Foreign Filing	Priority C		Certifi	Certified Copy Attached?			
Application Number(s)		Date (MM/DD/YYYY)	Not Claimed		YI	7 C	NO		
JP2016-227010	Japan	11/22/2016		1]	T V		
	**************************************			***************************************					

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

William D. Blackman, Reg. No. 32,397 Jeffrey T. Gedeon, Reg. No. 57,510 Jingli Wang, Reg. No. 72,643

SEND CORRESPONDENCE TO: CARRIER, BLACKMAN & ASSOCIATES, P.C. Joseph P. Carrier, William D. Blackman, 22960 Venture Drive - Suite 100 Novi, Michigan 48375 (248) 344-4422

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

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

([name of assignee(s)]; a corporation of [country], having a place of business at [address]),

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 15/730,912 filed electronically October 12, 2017

(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

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PATENT REEL: 043847 FRAME: 0088 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: Toshio TOKUNE
Inventor's Signature: Tokune Date: Jun 21, 2017
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Mailing Address: e/o HONDA R&D CO., LTD., 4-1, Chuo 1-chome, Wako-shi,
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Inventor's Signature: <u>Takugu Wiskindma</u> Date: <u>Jun 27, 2017</u>
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Additional inventors are being named on the 1_supplemental sheet(s) attached hereto.

SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

ADDITIONAL INVENTOR(S)

Supplemental Sheet Page 1 of 1

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City: Saitama State: Zin: 351.0193 Country: Japan

PATENT REEL: 043847 FRAME: 0090

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RECORDED: 10/12/2017