505681220 09/19/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5728028

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hidetaka YONEHARA	09/13/2019
Hisato OKU	08/29/2019
Kento OTA	09/05/2019

RECEIVING PARTY DATA

Name:	TS TECH CO., LTD.
Street Address:	7-27, Sakaecho 3-chome
City:	Asaka-shi, Saitama
State/Country:	JAPAN
Postal Code:	351-0012
Name:	HONDA MOTOR CO., LTD.
Street Address:	1-1, MINAMI AOYAMA 2-CHOME, MINATO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	107-8556

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	16495701		

CORRESPONDENCE DATA

Fax Number: (703)836-2787

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.

Phone: 703-836-6400
Email: email@oliff.com
Correspondent Name: AARON L. WEBB

Address Line 1: OLIFF PLC

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER: 188639

NAME OF SUBMITTER: KEIVONA D. GRAY

PATENT REEL: 050435 FRAME: 0515

505681220

SIGNATURE:	/KeiVona D. Gray/
DATE SIGNED:	09/19/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 6	·
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source=6897959_1#page6.tif	

PATENT REEL: 050435 FRAME: 0516

ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

(Two Assignees) Hidetaka YONEHARA (2) Hisato OKU (1) Insert (3) Kento OTA (4) (1-8)Legal Name(s) (6)of Inventor(s) (5) (8) (7)In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to

(9A)	Insert Name of First	(9A)	TS TECH CO., LTD.
(10A)	Insert Address of First Assigned	(10A)	7-27, Sakaecho 3-chome, Asaka-shi, Saitama 351-0012, JAPAN
(9B)	Insert Name of Second Assignee	(9B)	HONDA MOTOR CO., LTD.
(10 B)	Insert Address of Second Assignee	(10B)	1-1, MinamiAoyama 2-chome, Minato-ku, Tokyo 107-8556, JAPAN
	Lynnight		The state of the s

(hereinafter designated as the Assignees) and Assignees' heirs, successors, assigns and lega the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

Insert Identification (11)such as Title, Case Number, or Foreign Application Number SEAT BACK STRUCTURE

), filed on even date herewith or as

(Attorney Docket No. U.S. Application Number 16/495.701

(12)Alternative Identification for filed applications

filed September 19, 2019

1) Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also to execute separate assignments in connection with such applications and patents as the Assignces may deem necessary. 2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or patents for the invention and to cooperate with the Assignoes in every way possible in obtaining evidence

and going forward with such interference or post-grant proceeding.

3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with

claims or provisions of the International Convention for Protection of Industrial Property or similar agreements,

4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or

reexamination a grant of a valid United States patent to the Assignces.

5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignces, as Assignces of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees

that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.

6) Each undersigned hereby grants the firm of OLIPP PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Declaration (13)

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1,56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1601 by fine or imprisonment of not more than five (5) years, or both.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	September 13 2019	Inventor Signature	HIDETAKA YONEHARA	(SEAL)
Date		Inventor Signature	Hiddaka YONEHARA Hisato OKU	_ (SEAL)
Date		Inventor Signature		_ (SEAL)
Date		Inventor Signature	Kento OTA	_ (SEAL)
Date		Invenior Signature		_ (SEAL)
Dute		Inventor Signature		_ (SEAL)
Date		Inventor Signature		_ (SEAL)
Date		Inventor Signature		_ (SEAL)
ncither,	This assignment should preferably be signed, then it should be signed before at least two w	d before: (a) a Notary Pul itnesses who also sign he	plic if within the U.S.A. (b) a U.S. Consul if outside re:	tho U.S.A. I
Date		Witness		
Date		Witness		

ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

(Two Assignees)

	Insert	(1) .	Hidetaka YONEHARA	(2)	Hisato OKU
(1-8)	Legal Name(s)	(3)	Kento OTA	(4)	
	of Inventor(s)	(5)		(6)	
		(7)		(8)	
		the under	leration of the sum of one dollar (rsigned, the receipt and sufficience nd hereby does assign, transfer ar	cy of which are l	r good and valuable consideration paid to each of hereby acknowledged, each undersigned agrees to
(9A)	Insert Name of First Assignee	(9A)	TS TECH CO., LTD.		
(10A)	Insert Address of First Assignee	(10A)	7-27, Sakaecho 3-chome, Asa	ka-shi, Saitama	351-0012, JAPAN
(9B)	Insert Name of Second Assignee	(9B)	HONDA MOTOR CO., LTD.		
(10B)	Insert Address of Second Assignee	(10B)	(10B) 1-1, Minami Aoyama 2-chome, Minato-ku, Tokyo 107-8556, JAPAN		
		the entire invention continua	e right, title and interest for the U 1, and in all applications for pater	nited States of / it including any reissue applicat	neirs, successors, assigns and legal representatives, America as defined in 35 U.S.C. §100, in the and all provisional, non-provisional, divisional, ion(s), and all Letters Patent, extensions, reissues invention known as
(11)	Insert Identification such as Title, Case Number, or Forcign	(11) -	SEAT BACK STRUCTURE		
	Application Number	(Attorne	ey Docket No. 18863	9), fi	led on even date herewith or as
(12)	Alternative Identification for	(12)	U.S. Application Number	16/495,70	<u> </u>
	filed applications	filed	September 19.	2019	LA CONTRACTOR OF THE CONTRACTO

- Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also
 to execute separate assignments in connection with such applications and patents as the Assignees may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or patents for the invention and to cooperate with the Assignees in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.
- 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignees.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignees, as Assignees of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of OLIFF PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

(13) Declaration

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

I hereby acknowledge 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.

PATENT REEL: 050435 FRAME: 0519 In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date		Inventor Signature		_ (SEAL)
Date	Aug. 29, 2019	Inventor Signature	Hidetaka YONEHARA Hisato OKU	_ (SEAL)
Date		Inventor Signature	risato ONO	_ (SEAL)
Date		Inventor Signature	Kento OTA	_ (SEAL)
Date		Inventor Signature		_ (SEAL)
Date		Inventor Signature		- (SEAL)
Date		Inventor Signature		_ (SEAL)
Date		Inventor Signature		_ (SEAL)
neither	This assignment should preferably be signed, then it should be signed before at least two w	l before: (a) a Notary Pul itnesses who also sign he	olic if within the U.S.A. (b) a U.S. Consul if outside re:	the U.S.A. If
Date		Witness		
Date		Witness		

ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

(Two Assignees)

Insert	(1)	Hidetaka YONEHARA	(2)	Hisato Ok.U			
Legal Name(s)	(3)	Kento OTA	(4)				
of Inventor(s)	(5)		(6)				
	(7)		(8)				
	the under	rsigned, the receipt and sufficien	cy of which are h				
Insert Name of First Assignee	(9A)	TS TECH CO., LTD.					
Insert Address of First Assignee	(10A)	7-27, Sakaecho 3-chome, Asa	7-27, Sakaccho 3-chome, Asaka-shi, Saitama 351-0012, JAPAN				
Insert Name of Second Assignee	(9B)	HONDA MOTOR CO., LTD.					
Insert Address of Second Assignee	(10 B)	1-1, MinamiAoyama 2-chome, Minato-ku, Tokyo 107-8556, JAPAN					
	the entire invention continua	e right, title and interest for the U n, and in all applications for pate tion, international, substitute and	Inited States of A nt including any : reissue applicati	merica as defined in 35 U.S.C. §100, in the and all provisional, non-provisional, divisional, on(s), and all Letters Patent, extensions, reissues			
Insert Identification such as Title, Case	(11) _	SEAT BACK STRUCTURE					
Application Number	(Attorne	by Docket No. 18863	9), fil	ed on even date herewith or as			
Alternative Identification for	(12)	U.S. Application Number1	6/495,701				
filed applications	filed	September	r 19, 2019	- Annual Control of the Control of t			
	Legal Name(s) of Inventor(s) Insert Name of First Assignee Insert Address of First Assignee Insert Name of Second Assignee Insert Address of Second Assignee Insert Address of Second Assignee Insert Identification such as Title, Case Number, or Foreign Application Number Alternative Identification for	Legal Name(s) (3) of Inventor(s) (5) (7) In consider the under assign, at the under assign and the under assign at the under assign at the under assignee Insert Address of First Assignee Insert Address of Second Assignee Insert Address of Second Assignee Insert Address of Second Assignee Insert Identification (10B) Insert Identification (11) In consider the under assign, at the under assignee (10A) (10B) (hereinal the entire invention continual and reexist invention continual and reexist invention (11) In consider the under assign, at the under assignee (10B) (Attorney Address of First (10A) (Attorney Address of First (10A) (Attorney Assignee (112) Identification for	Legal Name(s) of Inventor(s) (5) (7) In consideration of the sum of one dollar the undersigned, the receipt and sufficien assign, and hereby does assign, transfer a Insert Name of First Assignee Insert Address of First Assignee Insert Name of Second Assignee Insert Address of Second Assignee Insert Address of Second Assignee Insert Address of Second Assignee Insert Identification such as Title, Case Number, or Foreign Application Number (3) Kento OTA (7) In consideration of the sum of one dollar the undersigned, the receipt and sufficien assign, and hereby does assign, transfer a (9A) TS TECH CO., LTD. (10A) 7-27, Sakaecho 3-chome, Asa (9B) HONDA MOTOR CO., LTD (10B) 1-1, MinamiAoyama 2-chome (hereinafter designated as the Assignees) the entire right, title and interest for the Univention, and in all applications for pate continuation, international, substitute and and reexamination certificates that may b (11) SEAT BACK STRUCTURE (Attorney Docket No. 18863	Legal Name(s) (3) Kento OTA (4) of Inventor(s) (5) (6) (7) (8) In consideration of the sum of one dollar (\$1.00) and other the undersigned, the receipt and sufficiency of which are hassigne, and hereby does assign, transfer and set over to the undersigned. (9A) TS TECH CO., LTD. Insert Address of First Assignee Insert Name of Second Assignee Insert Address of Second Assignee Insert Identification such as Title, Case Number, or Foreign Application Number (11) SEAT BACK STRUCTURE (12) U.S. Application Number 16/495, 701 Identification for			

- 1) Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also to execute separate assignments in connection with such applications and patents as the Assignees may deem necessary.
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I hereby acknowledge 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.

PATENT REEL: 050435 FRAME: 0521 In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date _		Inventor Signature		(SEAL)
			Hidetaka YONEHARA	
Date _		Inventor Signature		(SEAL)
Date _	Sep 5,2019	Inventor Signature		(SEAL)
Date _		Inventor Signature	Kento OTA	(SEAL)
Date .		Inventor Signature	******	(SEAL)
Date .		Inventor Signature		(SEAL)
Date .		Inventor Signature		(SEAL)
Date		lnventor Signature		(SEAL)
neither,	This assignment should preferably be so then it should be signed before at least to	gned before: (a) a Notary Pu yo witnesses who also sign h	blic if within the U.S.A. (b) a U.S. Conere:	sul if outside the U.S.A. It
Date		Witness		
Date		Witness		

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