505483740 05/20/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5530544

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ARYAMAN SHARDA	05/15/2019
HENRY CHEN	05/15/2019

RECEIVING PARTY DATA

Name:	DR. ING. H.C. F. PORSCHE AKTIENGESELLSCHAFT		
Street Address:	PORSCHEPLATZ 1		
City:	STUTTGART		
State/Country:	GERMANY		
Postal Code:	70435		

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16413824	

CORRESPONDENCE DATA

Fax Number: (610)407-0701

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: 610-407-0700

Email: dwellings@ratnerprestia.com

Correspondent Name: RATNERPRESTIA

Address Line 1: 2200 RENAISSANCE BLVD.

Address Line 2: SUITE 350

Address Line 4: KING OF PRUSSIA, PENNSYLVANIA 19406

ATTORNEY DOCKET NUMBER:	PORSD-100US		
NAME OF SUBMITTER:	BRETT J. ROSEN, REG. NO. 56,047		
SIGNATURE:	/Brett J. Rosen/		
DATE SIGNED:	05/20/2019		

Total Attachments: 4

source=Declaration Assignment#page1.tif source=Declaration Assignment#page2.tif source=Declaration Assignment#page3.tif source=Declaration Assignment#page4.tif

> PATENT REEL: 049224 FRAME: 0567

505483740

COMBINED DECLARATION/ASSIGNMENT - Patent Application		Docket Number: PORSD-100US			
Whereas, the Assignor, comprising the following named inventors:					
	1. Aryaman SHARDA			2. Henry CHEN	
ASSIGNOR(s)/ INVENTOR(s)	3.			4.	
	5.			6.	
made an invention of	entitled:	SCRAPE DETECTION FOR MOTO	R VE	HICLE	
for which an applica		tters Patent of the United States (the A	pplica	ation):	
is submitted concurrently herewith was filed in the U.S. Patent and Trademark Office on, as U.S. Patent Application Serial No.:					
ASSIGNEE (Full Name and Address) Dr. Ing. h.c. F. Porsche Aktiengesellschaft Porscheplatz 1 Stuttgart Germany 70435					

is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor,

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including the Application, all divisions, continuations, and continuations-in-part thereof and non-provisional applications claiming priority thereto, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto and authorizes Assignee to file such applications for Letters Patent in the United States and any and all other countries.

Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument. Assignor also agrees that it will not engage, participate, or take part in any action conflicting with this Assignment, including but not limited to challenging the validity or patentability or enforceability of any patent rights relating to this invention or assisting others with such a challenge.

If any provision in this Assignment is held invalid, illegal or unenforceable, the validity, legality and enforceability of the remaining provisions shall not in any way be affected or impaired thereby.

If the invention requires a biological deposit, Assignor also grants to Assignee such control over any deposit made by Assignor as may be necessary to the validity of the patent rights assigned herein.

Assignor authorizes Assignee's attorney to insert the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney Docket or file designation for this application if not identified above.

If the Assignor includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

In witness whereof, this Assignment is executed on the day indicated below.

COMBINED DECLARATION/ASSIGNMENT - Patent Application

Docket Number: PORSD-100US

Declaration:

Note to Inventor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56."

As a below named inventor, I declare that the Application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

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.

	Typed or Printe	ed Name	Signature	Date
	1. Aryaman Shar	da	Angmant	05-15-2019
			* Witness	
	2. Henry Chen			
			* Witness	
	3.			
SIGNATURE			* Witness	
	4.			
		N. M. STONE TO THE CONTROL OF THE CO	* Witness	
	5.			
			* Witness	
	6.			
			* Witness	
**Assignee				
Typed or printed	name			
Date				
Application for Ur	nited States Letters Pa	ntent:		
Serial No.:	mod Oldios Ecitors ? C	16/413,824	ļ	
Filed:		May 16, 20		
Attorney Docket I	Number:	PORSD-100	US	
Total Number o	f Assignment Pages	6	-	ended, mandatory for some countries ended, mandatory for some countries

REEL: 049224 FRAME: 0569

COMBINED DECLARATION/ASSIGNMENT - Patent Application			Docket Number: PORSD-100US		
Whereas, the Assignor, comprising the following named inventors:					
	1. Aryaman SHARDA		2.	2. Henry CHEN	
ASSIGNOR(s)/ INVENTOR(s)	3.		4.	4.	
	5.		6.		
made an invention e	entitled:	SCRAPE DETECTION FOR MOTOR	R VEHIC	LE_	
for which an application for Letters Patent of the United States (the Application): (Select one of the following):					
is submitted concurrently herewith was filed in the U.S. Patent and Trademark Office on, as U.S. Patent Application Serial No.:					
ASSIGNEE (Full Name and Address) Dr. Ing. h.c. F. Porsche Aktiengesellschaft Porscheplatz 1 Stuttgart Germany 70435					

is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor,

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including the Application, all divisions, continuations, and continuations-in-part thereof and non-provisional applications claiming priority thereto, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto and authorizes Assignee to file such applications for Letters Patent in the United States and any and all other countries.

Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument. Assignor also agrees that it will not engage, participate, or take part in any action conflicting with this Assignment, including but not limited to challenging the validity or patentability or enforceability of any patent rights relating to this invention or assisting others with such a challenge.

If any provision in this Assignment is held invalid, illegal or unenforceable, the validity, legality and enforceability of the remaining provisions shall not in any way be affected or impaired thereby.

If the invention requires a biological deposit, Assignor also grants to Assignee such control over any deposit made by Assignor as may be necessary to the validity of the patent rights assigned herein.

Assignor authorizes Assignee's attorney to insert the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney Docket or file designation for this application if not identified above.

If the Assignor includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

In witness whereof, this Assignment is executed on the day indicated below.

PATENT Page 1 of 2 REEL: 049224 FRAME: 0570

COMBINED DECLARATION/ASSIGNMENT - Patent Application

Docket Number: PORSD-100US

Declaration:

Note to Inventor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56."

As a below named inventor, I declare that the Application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

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.

	Typed	or Printed Name	Signature	Date
	1. Aryama	an Sharda		
			Control And	South Control of the
		estra esta en escolocia de listo de Porto Porto Porto Porto Porto Da Porto Porto Porto Porto Porto Porto Porto	* Witness	and approximate an animal participated by a state of the
	2. Henry	Chen		05/15/2010
			Control of the second of the s	·
	-met stratiza-mastricitari ki-terizkiri/wetniski kiroki-tekki-tika-	Odred 1997 (Open Martin Bar She) (Arrivatasa bahasi Salamana da azazza zanda nyen dilata sawa)	* Witness	
	3.			
SIGNATURE			* Witness	
	4.			
	on an ear we are not not come to an first from all this and diddless find the	P PROPERTY ALCOHOLOGICA (COLOMOLIS) ANNO CARTON (COLOMOLIS) (COLOM	* Witness	i kalaba kara-kalamake mali matekili sisisi supundan satisas kalaini makadat pandamadat matilimadan ikalainad d
	5.			
	Similar et is also proposed and a sector of the sector of	t 1900 leikit 1911 li salak erja kalak ilisak di kalak kuna masa masa masa taki isak at si aya	* Witness	
	6.			simpling philate in this implies period of the big control may be improved on a point in the deposit of compar
			* Witness	
**Assignee				
Signature				
Typed or printed	d name			Silven men del di il ner i i il fra mendra un men del discolar i i melli di inserio dell'altri di inserio di i
Application for Ui Serial No.:	nited States Le	tters Patent: 16/413,8	224	
Filed:		May 16		
Attorney Docket	Number:	PORSD-1		
Total Number of	f Assignment	Pages	* *	ed, mandatory for some countries
			**Assignee signature recommende	ed, mandatory for some countries

PATENT Page 2 of 2
REEL: 049224 FRAME: 0571

RECORDED: 05/20/2019