PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6117742

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID HAFNER	02/23/2019
TANER GUNGOR	02/21/2019
SEBASTIAN CARRENO	02/22/2019

RECEIVING PARTY DATA

Name:	FICOSA ADAS, S.L.U.
Street Address:	GRAN VÍA CARLOS III, NO. 98, 5A PLANTA
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State/Country:	SPAIN
Postal Code:	08028

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16281897

CORRESPONDENCE DATA

Fax Number: (248)358-3351

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.

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Correspondent Name: BROOKS KUSHMAN Address Line 1: 1000 TOWN CENTER

Address Line 2: 22ND FLOOR

Address Line 4: SOUTHFIELD, MICHIGAN 48075

ATTORNEY DOCKET NUMBER:	FICOA0103PUSA
NAME OF SUBMITTER:	MARTIN J. SULTANA
SIGNATURE:	/Martin J. Sultana/
DATE SIGNED: 05/21/2020	
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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PATENT REEL: 052725 FRAME: 0871

Attorney Docket Number	FICOA0103PUSA
	P-S-00010-US02

ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

Title of Invention METHODS OF CALIBRATING A CAMERA OF A		METHODS OF CALIBRATING A CAMERA OF A VEHICLE AND SYSTEMS	
As a below name	As a below named inventor, I hereby declare that:		
This declaration	is directe	ed to:	
183	The att	ached application, or	
(X)	United States application or PCT international application number 16/281,897 filed on February 21, 2019 (1 hereby authorize the		
	insertic	on of the application filing date and number when they become known.)	
The above-ident	itied app	lication was made or authorized to be made by me.	
I believe that I a	m the ori	ginal inventor or an original joint inventor of a claimed invention in the application.	
I hereby state the	at I have	reviewed and understand the contents of the above-identified specification, including the claims.	
		to disclose to the U.S. Patent and Trademark Office all information known to me to be material to a 37 C.F.R. \S 1.56.	
set over to Fie having a place of ASSIGNEE, its to the inventions or other legal reforeign countries said ASSIGNEE in and to said in	NOW. THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged. I do hereby assign, sell and set over to <u>Ficosa Adas, S.L.U.</u> , a corporation organized and existing under the laws of the state or country of <u>Spain</u> , and having a place of business at <u>Gran Via Carlos III.</u> n° 98. 5° planta, 08028 Barcelona, <u>Spain</u> , hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, my entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified application including the right of said ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for said inventions and discoveries in any and all foreign countries in its or their own name or names, or in my name, at its or their election, and I hereby assign, sell and set over to said ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications in and to said inventions and discoveries in all countries, including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications.		
applications for ASSIGNEE, its s	And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over.		
And I hereby rep.	And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.		
I hereby acknow imprisonment of	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.		
LEGAL NAME (OF INVE	NTOR	
Inventor: <u>D</u>	avid HAI	NER Date: <u>23.02.20.49</u>	
Signature:	D A	<u>f</u>	
Page 1 of 2 (Supp	olemental	Sheet with Additional Joint Inventors is attached if necessary)	
Note: An Applicati	ion Data S	Short (PTO/SP/14 or equivalent), including naming the entire inventing outilly must accommon this force	

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SUPPLEMENTAL SHEET FOR ASSUMABLE AND DECLARATION (27), F.R. 163) FOR ETHLETY OR DESIGN APPLICATION ESING AN APPLICATION DATA SHEET (21) F.R. 176)

Third inventor	
American Const. (CNA)	
Territoria Servicia de Capacida Servicia Servicia de Capacida Servicia d	Date
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Name of the Control o	

Attorney Docket Number	FICOA0103PUSA
	P-S-00010-US02

ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

Title of Invention METHODS OF CALIBRATING A CAMERA OF A VEHICLE AN		METHODS OF CALIBRATING A CAMERA OF A VEHICLE AND SYSTEMS	
As a below name	As a below named inventor, I hereby declare that:		
This declaration	is directe	ed to:	
183	The an	ached application, or	
X	United States application or PCT international application number 16/281,897 filed on February 21, 2019 (1 hereby authorize the		
	insertic	on of the application filing date and number when they become known.)	
The above-ident	itied app	lication was made or authorized to be made by me.	
I believe that I a	m the ori	ginal inventor or an original joint inventor of a claimed invention in the application.	
I hereby state the	at I have	reviewed and understand the contents of the above-identified specification, including the claims.	
		to disclose to the U.S. Patent and Trademark Office all information known to me to be material to $37\mathrm{C.F.R.}~\S~1.56$.	
set over to Fie having a place of ASSIGNEE, its to the inventions or other legal reforeign countries said ASSIGNEE in and to said in	NOW. THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged. I do hereby assign, sell and set over to <u>Ficosa Adas, S.L.U.</u> , a corporation organized and existing under the laws of the state or country of <u>Spain</u> , and having a place of business at <u>Gran Via Carlos III.</u> nº 98. 5° planta, 08028 <u>Barcelona</u> , <u>Spain</u> , hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, my entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified application including the right of said ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for said inventions and discoveries in any and all foreign countries in its or their own name or names, or in my name, at its or their election, and I hereby assign, sell and set over to said ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications in and to said inventions and discoveries in all countries, including all applications claiming benefit of the filing date hereoft continuations, continuations-in-part, divisionals, reexaminations and reissue applications.		
And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over.			
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.			
I hereby acknow imprisonment of	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.		
LEGAL NAME (DE INVE	NTOR	
Inventor: <u>D</u>	avid HAI	NER Date: 23.02.2019	
Signature:	1 4		
Page 1 of 2 (Supp	deniental	Sheet with Additional Joint Inventors is attached if necessary)	
Note: An Applicati	ion Data S	Shoot (PTO/SR/14 or equivalent), including naming the entire inventing outilly must accommon this force	

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SUPPLEMENTAL SHEET FOR ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

Additional Inventors Page 2 of 2

Title of Inv	ention	
Legal Nan	ne of Additional Joint Inventor:	
Inventor: Signature:	Taner GUNGO	Date
Legal Nan	ne of Additional Joint Inventor:	
	Sebastian CARRENO	Date: 22.02.2019
Legal Nar	ne of Additional Joint Inventor:	
Inventor: Signature:		Date:

PATENT REEL: 052725 FRAME: 0875

RECORDED: 05/21/2020