PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SÉBASTIEN BOURDREZ	08/18/2016
Pascal MOULAIRE	08/23/2016
Christophe RAVIER	08/18/2016

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15123914

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ATTORNEY DOCKET NUMBER: 172550

NAME OF SUBMITTER: ANNALYNN H. STEIN

SIGNATURE: /Annalynn Stein/ for Joel S. Armstrong

DATE SIGNED: 09/06/2016

Total Attachments: 2

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PATENT 503992620 REEL: 039641 FRAME: 0514

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

ASSIGNMENT

	Insert	(1)	Sébastien BOURDREZ	(2)	Pascal MOULAIRE		
(1-8)	Legal Name(s)	(3)	Christophe RAVIER	(4)			
	of Inventor(s)	(5)	-	(6)			
		(7)		(8)			
	Insert Name of	the un		cy of which are l	r good and valuable consideration paid to each of nereby acknowledged, each undersigned agrees to		
(9)	Assignee	(9)	(9) JTEKT EUROPE				
(10)	Insert Address of Assignee	(10)	(10) Z.I. du Broteau, F-69540 Irigny, FRANCE				
		invent: contin	ion, and in all applications for pater	nt including any reissue applicati	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 Foreign Application Number	(11)		TEERING ASSI	VERSAL BY MONITORING OF THE ST MOTOR AND APPLICATION OF SAID N		
		(Attor	ney Docket No. 172550), i	iled on even date herewith or as		
(12)	Alternative	(12)	U.S. Application Number				
	Identification for						
	filed applications	filed					

- 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 Assignee 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 patent for the invention and to cooperate with the Assignee 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 Assignee.
- 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 Assignee, as Assignee 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: 039641 FRAME: 0515 In witness whereuf, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	<u>August 18,2016</u>	Inventor Signature	Sebastien BOURDREZ	(SEAL)
Date	August 18, 2016	Inventor Signature	RAVIER Christophe	(SEAL)
Date	August 23, 2016	Inventor Signature	MOULLIRE Pascul	(SEAL)
Date		Inventor Signature		(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		ic if within the U.S.A. (b) a U.S. Cousul if outside the	e U/S.A. lf
Date	August 23,2016	Witness	PANTALE DOVIL	
Date	Ax 137 2016	Witness	BAGGO Alace	