506022608 04/20/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6069323

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Takuya TODA	04/10/2020
Hitoshi TOYA	04/07/2020
Shingo ONISHI	04/10/2020

RECEIVING PARTY DATA

Name:	Jtekt Corporation
Street Address:	5-8, Minamisemba 3-chome, Chuo-ku
City:	Osaka-shi, Osaka
State/Country:	Japan
Postal Code:	542-8502

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	16512457		

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.

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: JAMES A. OLIFF
Address Line 1: OLIFF PLC

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	187144
NAME OF SUBMITTER:	TATIANA S. TATE
SIGNATURE:	/Tatiana S. Tate/
DATE SIGNED:	04/20/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

source=Assignment#page1.tif source=Assignment#page2.tif

PATENT 506022608 REEL: 052444 FRAME: 0802

source=Assignment#page3.tif

PATENT REEL: 052444 FRAME: 0803

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

ASSIGNMENT

Hitochi TOVA

Takuwa TODA

	HISCH	(1)	rakuya roda	(2)	rinosiii 101A
(1-8)	Legal Name(s)	(3)	Shingo ONISHI	(4)	
	of Inventor(s)	(5)	Becommend words and the State of the State o	(6)	
		(7)		(8)	
		the unde		ciency of which are l	r good and valuable consideration paid to each of hereby acknowledged, each undersigned agrees to
(9)	Insert Name of Assignee	(9)	JTEKT CORPORATION		
(10)	Insert Address of Assignee	(10)	5-8, Minamisemba 3-Chor	me, Chuo-ku, Osaka	-shi, Osaka 542-8502 Japan
		the entir invention	e right, title and interest for the in, and in all applications for p	he United States of A patent including any and reissue applicat	pirs, successors, assigns and legal representatives, thereica 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		(11)	ROLLING BEARING DE	VICE	
	Number, or Foreign Application Number	(Attor	ney Docket No. 187	7144)	, filed on even date herewith or as
(12)	Alternative Identification for	(12)	U.S. Application Number	16/512,457	
	filed applications	filed	July 16, 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 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: 052444 FRAME: 0804 In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date _	April 10, 2020	Inventor Signature	Takuya Toda	_ (SEAL)
Date _		Inventor Signature		(SEAL)
Date _	April 10, 2020	Inventor Signature	Shingo Omohi	_ (SEAL)
Date _		Inventor Signature		_ (SEAL)
Date _		Inventor Signature		_ (SEAL)
Date _		Inventor Signature		_ (SEAL)
Date _		Inventor Signature		_ (SEAL)
Date _		Inventor Signature _		_ (SEAL)
	nis assignment should preferably be signed n it should be signed before at least two wit		if within the U.S.A. (b) a U.S. Consul if outside the	U.S.A. If
Date _		Witness	, , , , , , , , , , , , , , , , , , ,	
Date		Witness		,

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

Date		Inventor Signature		(SEAL)
Date	April 7, 2020	Inventor Signature	Hitoshi Toya	(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
either, t	This assignment should preferably be signer then it should be signed before at least two v			f outside the U.S.A. If
Date		Witness		
Date		Witness		