

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT7201519

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

## CONVEYING PARTY DATA

Name	Execution Date
Mamoru TOHYAMA	01/24/2022
Yasuhiro OHMIYA	01/24/2022
Norikazu SATO	01/24/2022
Michiru HIROSE	01/24/2022
Takaaki ONIZUKA	01/26/2022
Yoshio TATEISHI	01/28/2022
Kenichi HASEGAWA	01/25/2022
Takuya TODA	01/26/2022
Komatsugu NISHIMURA	01/24/2022
Yuya YAMAMOTO	01/24/2022

## RECEIVING PARTY DATA

<b>Name:</b>	Kabushiki Kaisha Toyota Chuo Kenkyusho
<b>Street Address:</b>	41-1, Yokomichi
<b>City:</b>	Nagakute-shi, Aichi-ken
<b>State/Country:</b>	Japan
<b>Postal Code:</b>	480-1192
<b>Name:</b>	Jtekt Corporation
<b>Street Address:</b>	1-1, Asahi-machi
<b>City:</b>	Kariya-shi, Aichi-ken
<b>State/Country:</b>	Japan
<b>Postal Code:</b>	448-8652

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17684209

## 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

<b>Email:</b>	email@oliff.com
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<b>Address Line 1:</b>	OLIFF PLC
<b>Address Line 2:</b>	P.O. BOX 320850
<b>Address Line 4:</b>	ALEXANDRIA, VIRGINIA 22320-4850

<b>ATTORNEY DOCKET NUMBER:</b>	199606
<b>NAME OF SUBMITTER:</b>	CYNTHIA KLINE
<b>SIGNATURE:</b>	/Cynthia Kline/
<b>DATE SIGNED:</b>	03/01/2022

**Total Attachments: 4**

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source=9288656\_1#page4.tif

**ASSIGNMENT  
(Two Assignees)**

Insert	(1)	Mamoru TOHYAMA	(2)	Yasuhiro OHMIYA
(1-8) Legal Name(s)	(3)	Norikazu SATO	(4)	Michiru HIROSE
of Inventor(s)	(5)	Takaaki ONIZUKA	(6)	Yoshio TATEISHI
	(7)	Kenichi HASEGAWA	(8)	Takuya TODA
	(9)	Komatsugu NISHIMURA	(10)	Yuya YAMAMOTO

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 Assignee	(9A)	KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO
(10A) Insert Address of Assignee	(10A)	41-1, Yokomichi, Nagakute-shi, Aichi-ken 480-1192, Japan
(9B) Insert Name of Assignee	(9B)	JTEKT CORPORATION
(10B) Insert Address of Assignee	(10B)	1-1, Asahi-machi, Kariya-shi, Aichi-ken, 448-8652, Japan

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, 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

(11) Insert Identification such as Title, Case Number, or Foreign Application Number	(11)	BALL BEARING
	(Attorney Docket No. <u>199606</u> ),	filed on even date herewith or as
(12) Alternative Identification for filed applications	(12)	U.S. Application Number <u>17/684,209</u> filed <u>March 1, 2022</u>

- 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.

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

Date <u>January 24, 2022</u>	Inventor Signature (1) <u>Mamoru Tohyama</u> (SEAL) Mamoru TOHYAMA
Date <u>January 24, 2022</u>	Inventor Signature (2) <u>Yasuhiro Ohmiya</u> (SEAL) Yasuhiro OHMIYA
Date <u>January 24, 2022</u>	Inventor Signature (3) <u>Norikazu Sato</u> (SEAL) Norikazu SATO

<b>Date</b> _____	<b>Inventor Signature (4)</b> _____ (SEAL) Michiru HIROSE
<b>Date</b> _____	<b>Inventor Signature (5)</b> _____ (SEAL) Takaaki ONIZUKA
<b>Date</b> _____	<b>Inventor Signature (6)</b> _____ (SEAL) Yoshio TATEISHI
<b>Date</b> _____	<b>Inventor Signature (7)</b> _____ (SEAL) Kenichi HASEGAWA
<b>Date</b> _____	<b>Inventor Signature (8)</b> _____ (SEAL) Takuya TODA
<b>Date</b> _____	<b>Inventor Signature (9)</b> _____ (SEAL) Komatsugu NISHIMURA
<b>Date</b> _____	<b>Inventor Signature (10)</b> _____ (SEAL) Yuya YAMAMOTO

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

<b>Date</b> _____	<b>Witness</b> _____
<b>Date</b> _____	<b>Witness</b> _____

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(Two Assignees)**

<b>Insert</b>	(1) Mamoru TOHYAMA	(2) Yasuhiro OHMIYA
<b>(1-8) Legal Name(s)</b>	(3) Norikazu SATO	(4) Michiru HIROSE
<b>of Inventor(s)</b>	(5) Takaaki ONIZUKA	(6) Yoshio TATEISHI
	(7) Kenichi HASEGAWA	(8) Takuya TODA
	(9) Komatsugu NISHIMURA	(10) Yuya YAMAMOTO

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<b>(9A) Insert Name of Assignee</b>	(9A) KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO
<b>(10A) Insert Address of Assignee</b>	(10A) 41-1, Yokomichi, Nagakute-shi, Aichi-ken 480-1192, Japan
<b>(9B) Insert Name of Assignee</b>	(9B) JTEKT CORPORATION
<b>(10B) Insert Address of Assignee</b>	(10B) 1-1, Asahi-machi, Kariya-shi, Aichi-ken, 448-8652, Japan

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, 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

<b>(11) Insert Identification such as Title, Case Number, or Foreign Application Number</b>	(11) BALL BEARING
	(Attorney Docket No. _____), filed on even date herewith or as
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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

<b>Date</b> _____	<b>Inventor Signature (1)</b> _____ Mamoru TOHYAMA (SEAL)
<b>Date</b> _____	<b>Inventor Signature (2)</b> _____ Yasuhiro OHMIYA (SEAL)
<b>Date</b> _____	<b>Inventor Signature (3)</b> _____ Norikazu SATO (SEAL)

Date	<u>January 24, 2022</u>	Inventor Signature (4)	<u>/Michiru Hirose/</u> (SEAL) Michiru HIROSE
Date	<u>January 26, 2022</u>	Inventor Signature (5)	<u>/Takaaki Onizuka/</u> (SEAL) Takaaki ONIZUKA
Date	<u>January 28, 2022</u>	Inventor Signature (6)	<u>/Yoshio Tateishi/</u> (SEAL) Yoshio TATEISHI
Date	<u>January 25, 2022</u>	Inventor Signature (7)	<u>/Kenichi Hasegawa/</u> (SEAL) Kenichi HASEGAWA
Date	<u>January 26, 2022</u>	Inventor Signature (8)	<u>/Takuya Toda/</u> (SEAL) Takuya TODA
Date	<u>January 24, 2022</u>	Inventor Signature (9)	<u>/Komatsugu Nishimura/</u> (SEAL) Komatsugu NISHIMURA
Date	<u>January 24, 2022</u>	Inventor Signature (10)	<u>/Yuya Yamamoto/</u> (SEAL) Yuya YAMAMOTO

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Date	_____	Witness	_____