

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6996858

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YOSHIHIRO TATSUMI	09/08/2021
YUKI KITAMURA	09/09/2021
KEIJI MUNEKANE	09/09/2021
YASUYUKI KANENO	09/22/2021
TAKAYUKI TAKASUGI	09/30/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	OSAKA FUJI CORPORATION
<b>Street Address:</b>	9-1, JYOKOJI 1-CHOME, AMAGASAKI-SHI
<b>City:</b>	HYOGO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	6600811
<b>Name:</b>	ASAHI SEIKO CO., LTD.
<b>Street Address:</b>	570-1, OTORI-HIGASHI-MACHI 6 CHO
<b>Internal Address:</b>	NISHI-KU, SAKAI-SHI
<b>City:</b>	OSAKA
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	5938324
<b>Name:</b>	UNIVERSITY PUBLIC CORPORATION OSAKA
<b>Street Address:</b>	2-7-601, ASAHIMACHI 1-CHOME
<b>Internal Address:</b>	ABENO-KU, OSAKA-SHI
<b>City:</b>	OSAKA
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	5450051
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17607372
<b>CORRESPONDENCE DATA</b>	
Fax Number:	

**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:** 9147234300  
**Email:** jhart@lsllp.com  
**Correspondent Name:** ANDREW YOUNG ESQ.  
**Address Line 1:** LACKENBACH SIEGEL BUILDING  
**Address Line 4:** SCARSDALE, NEW YORK 10583

<b>ATTORNEY DOCKET NUMBER:</b>	MELON.P011
<b>NAME OF SUBMITTER:</b>	ANDREW F. YOUNG
<b>SIGNATURE:</b>	/AFY/
<b>DATE SIGNED:</b>	10/29/2021

**Total Attachments: 8**  
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**ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63**  
(For Use with Signed Application Data Sheet)

Title of Invention: BALL BEARING AND METHOD FOR MANUFACTURING SAME  
Our ref. no.: MELON.P011

This assignment and declaration are directed to (check one).

- the attached application;  
 the application identified by the attorney docket no. and title of invention given above; and claiming priority to  
 PCT/JP2020/016128 filed 04/10/2020, JP 2019-095313 filed 5/21/2019

**ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, as a below-named inventor I have sold and assigned, and by these presents hereby sell and assign, unto 33.3% each:

Assignee: OSAKA FUJI CORPORATION  
Address: 9-1, JYOKOJI 1-CHOME, AMAGASAKI-SHI, HYOGO 6600811 JAPAN

Assignee: ASAHI SEIKO CO., LTD.  
Address: 570-1, OTORI-HIGASHI-MACHI 6-CHO, NISHI-KU, SAKAI-SHI, OSAKA 5938324 JAPAN

Assignee: UNIVERSITY PUBLIC CORPORATION OSAKA  
Address: 2-7-601, ASAHIMACHI 1-CHOME, ABENO-KU, OSAKA-SHI, OSAKA 5450051 JAPAN

(hereinafter ASSIGNEE) all my right, title, and interest for the United States, its territories, and possessions in and to the above-identified invention and United States patent application, including any and all divisions or continuations thereof, and in and to any and all Letters Patent of the United States that may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by me had this Assignment not been made.

I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue any and all such Letters Patent to said ASSIGNEE, its successors, or assigns in accordance herewith. I warrant and covenant that I have the full and unencumbered right to sell and assign the interests herein sold and assigned and that I have not executed and will not execute any document or instrument in conflict herewith.

I further covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives, or assigns all information known to me relating to said invention or patent application and that I will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings, and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives, or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent that may be granted therefore or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns, or to assist said ASSIGNEE, its successors, legal representatives, or assigns in obtaining, reissuing, or enforcing Letters Patent of the United States for said invention.

**DECLARATION & POWER OF ATTORNEY**

As a below-named inventor, I hereby declare that:

The above-identified application was made or authorized to be made by me.

I believe that 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.

I hereby state that I have reviewed and understand the entire contents of the above-identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56

I hereby appoint the attorney(s) at NOLTE Lackenbach Siegel associated with customer no. 28752 to prosecute the identified application and to transact all business in the USPTO in connection herewith.

Signature:  
Inventor:

宗兼 圭司  
Keiji MUNEKANE

DATE

September 8th, 2021

**ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63**  
(For Use with Signed Application Data Sheet)

Title of Invention: BALL BEARING AND METHOD FOR MANUFACTURING SAME  
Our ref. no.: MELON.P011

This assignment and declaration are directed to (check one).

- the attached application;  
 the application identified by the attorney docket no. and title of invention given above; and claiming priority to  
 PCT/JP2020/016128 filed 04/10/2020; JP 2019-095313 filed 5/21/2019

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Assignee: OSAKA FUJI CORPORATION  
Address: 9-1, JYOKOJI 1-CROME, AMAGASAKI-SHI, HYOGO 6600811 JAPAN

Assignee: ASABI SEIKO CO., LTD.  
Address: 570-1, OTORI-HIGASHI-MACHI 6-CHO, NISHI-KU, SAKAI-SHI, OSAKA 5938324 JAPAN

Assignee: UNIVERSITY PUBLIC CORPORATION OSAKA  
Address: 2-7-601, ASAHIMACHI 1-CHOME, ABENO-KU, OSAKA-SHI, OSAKA 5450051 JAPAN

(hereinafter ASSIGNEE) all my right, title, and interest for the United States, its territories, and possessions in and to the above-identified invention and United States patent application, including any and all divisions or continuations thereof, and in and to any and all Letters Patent of the United States that may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by me had this Assignment not been made.

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I hereby appoint the attorney(s) at MOLTE Lackenbach Siegel associated with customer no. 28752 to prosecute the identified application and to transact all business in the USPTO in connection herewith.

Signature: Yoshihiro Tatsumi  
Inventor: Yoshihiro TATSUMI  
DATE: 9/9/2021

**ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63**  
(For Use with Signed Application Data Sheet)

Title of Invention: BALL BEARING AND METHOD FOR MANUFACTURING SAME  
Our ref. no.: MELON.F011

This assignment and declaration are directed to (check one):

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- PCT/JP2020/016128 filed 04/10/2020; JP 2019-095313 filed 5/21/2019

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**Address:** 9-1, JYOKOJI 1-CHOME, AMAGASAKI-SHI, HYOGO 6600811 JAPAN

**Assignee:** ASAHI SEIKO CO., LTD.  
**Address:** 570-1, OTORI-HIGASHI-MACHI 6-CHO, NISHI-KU, SAKAI-SHI, OSAKA 5938324 JAPAN

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Signature:

*Yuki Kitamura*

*9 / 9 / 2021*

Inventor:

Yuki KITAMURA

DATE

**ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63**  
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Signature:  
Inventor:

*Yasuyuki Kaneno*  
Yasuyuki KANEYO

*September 22, 2021*  
DATE

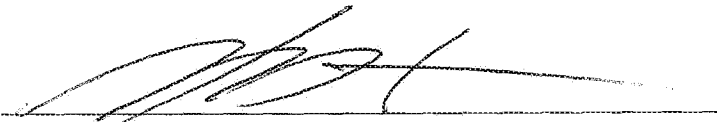
**CERTIFICATE OF TRANSLATION**

I, Tetsuo Nakatsu, Ph.D., residing at C/O Nolte Lackenbach Siegel, LLP, One Chase Rd., Scarsdale, NY 10583, do hereby declare:

that, I am fluent in the English and Japanese languages; and  
that, the attached translation of the ASSIGNMENT to UNIVERSITY PUBLIC CORPORATION OSAKA for JP 2019-095313 filed on May 21, 2019, prioritizing PCT/JP2020/016128 filed on April 10, 2020, published on November 26, 2020 as WO 2020/235248 A1 and titled; BALL BEARING AND METHOD FOR MANUFACTURING SAME from the inventors, Yasuyuki KANENO and Takayuki TAKASUGI;

is true and correct.

Signed this 9<sup>th</sup> day of September 2021



Dr. Tetsuo Nakatsu

**ASSIGNMENT**

May 21, 2019

**Assignee:**

University Public Corporation Osaka, Chairperson  
 2-7-601, Asahimachi 1-chome, Abeno-ku,  
 Osaka-shi, Osaka 5450051 JAPAN

Both confirmed that such as the invention is assigned to the designated assignee.

Type of Invention	Patent right: <del>Utility Model</del> <del>Design</del> <del>Trademark</del> <del>Program Copyright</del> <del>Use Circuit Design Right</del> <del>Plant Breeder's right</del>			
Application Number	JP Patent Application 2019-095313			
Title of Invention	BALL BEARING AND METHOD FOR MANUFACTURING SAME			
Inventor: Department, Title, Name and Ownership	Department or Entity	Title	Name	Ownership
	University Public Corporation Osaka (Graduate School of Engineering)	Professor	Yasuyuki KANENO	1/3
	University Public Corporation Osaka (Graduate School of Engineering)	Visiting Professor	Takayuki TAKASUGI	1/3
	Osaka Fuji Corporation			1/3
	Ashi Seiko Co., Ltd.			1/3

Assigner:

Address: c/o Osaka Prefecture University, 1-1 Gakuen-cho, Naka-ku,  
 Sakai-shi, Osaka 5998531 Japan 1-1

Name: **Yasuyuki KANEKO**  
 (Official Signature/Stamped)

Assigner:

Address: c/o Osaka Prefecture University, 1-1 Gakuen-cho, Naka-ku,  
 Sakai-shi, Osaka 5998531 Japan 1-1

Name: **Takayuki TAKASUGI**  
 (Official Signature/Stamped)



様式第6号

譲 渡 証 書

2019年5月21日

譲受者

大阪府大阪市阿倍野区旭町一丁目2番7-601号  
 公立大学法人大阪 理事長 様

下記の発明等について、これを譲渡したことに相違ありません。

記

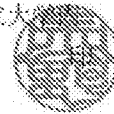
発明等の種類	特許権・実用新案権・意匠権・商標権 プログラム等の著作権・回路配置利用権・育成者権			
出願番号	特願 2019-095313			
発明等の名称	玉軸受及びその製造方法			
発明者所属・ 職、氏名、持分	所属	職	氏名	持分
	工学研究科	教授	金野 泰幸	(全体) (学内) 1/3 50%
	工学研究科	教授	高杉 隆幸	50%
	大阪富士工業株 旭精工㈱			1/3 1/3

譲渡人

住所 大阪府堺市中央区学園町1-1

公立大学法人大阪 大阪府立大

氏名 金野 泰幸



譲渡人

住所 大阪府堺市中央区学園町1-1

公立大学法人大阪 大阪府立大学内

氏名 高杉 隆幸



