PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AKIRA NIITSUMA	12/03/2018
SATOSHI FUJII	12/04/2018

RECEIVING PARTY DATA

Name:	SHIMANO INC.
Street Address:	3-77 OIMATSU-CHO, SAKAI-KU
City:	SAKAI, OSAKA
State/Country:	JAPAN
Postal Code:	590-8577

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16211651

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: SN-US185437	
NAME OF SUBMITTER:	JEFFREY J. HOWELL
SIGNATURE:	/Jeffrey J. Howell/
DATE SIGNED:	12/06/2018

Total Attachments: 2

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PATENT 505222869 REEL: 047692 FRAME: 0847

COMBINED DECLARATION and ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title	of
Inver	ation

BEARING HOUSING STRUCTURE AND DUAL-BEARING REEL.

	REEL
As the below named inventor, I hereby declare that:	
This declarat	
	United States application or PCT international application number filed on
The above-ic	dentified application was made or authorized to be made by me.
I believe tha application.	t I am the original inventor or an original joint inventor of a claimed invention in the
	nowledge that any willful false statement made in this declaration is punishable under 18 by fine or imprisonment of not more than five (5) years, or both.
	wed and understand the contents of the application and am aware of the duty to disclose to the all Trademark Office all information known to me to be material to patentability as defined in 56.
	ASSIGNMENT
For good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I hereby sell, assign, and transfer to SHIMANO INC., having a principle place of business at 3-77 Oimatsu-cho, Sakai-ku, Sakai City, Osaka 590-8577 JAPAN, and its successors, assigns, and legal representatives, my entire right, title and interest in and to the invention listed above, together with the Application, any and all Patents that may issue for the United States and all foreign countries (including the right to claim priority under the terms of the International Convention and any other relevant International Treaties and Arrangements from the aforesaid application), in and to any and all improvements that are disclosed in the above-noted application, and in and to any reissues, renewals, continuations, continuation-in-parts, divisionals or extensions thereof that have been or shall be filed in the United States and all foreign countries on any of said improvements. I agree that I will communicate to the assignee or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal, and reissue applications, execute all necessary assignment papers to cause any and all Patents to be issued to the assignee, make all rightful oaths, and, generally do everything possible to aid said assignee, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries. The undersigned hereby grants the firm of Global IP Counselors, LLP the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.	
	ME OF INVENTOR (Given name FAMILY NAME) Akira NIITSUMA Date: 3. Dec. 20/8.

PATENT REEL: 047692 FRAME: 0848

COMBINED DECLARATION and ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of

RECORDED: 12/06/2018

BEARING HOUSING STRUCTURE AND DUAL-BEARING

Invention	REEL
As the below named inventor, I hereby declare that:	
This declaration is directed to:	The attached application, or
is directed to:	United States application or PCT international application number filed on
The above-ident	ified 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 have reviewed and understand the contents of the application and am aware of the duty to disclose to the US Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR § 1.56.	
-	ASSIGNMENT
For good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I hereby sell, assign, and transfer to SHIMANO INC., having a principle place of business at 3-77 Oimatsu-cho, Sakai-ku, Sakai City, Osaka 590-8577 JAPAN, and its successors, assigns, and legal representatives, my entire right, title and interest in and to the invention listed above, together with the Application, any and all Patents that may issue for the United States and all foreign countries (including the right to claim priority under the terms of the International Convention and any other relevant International Treaties and Arrangements from the aforesaid application), in and to any and all improvements that are disclosed in the above-noted application, and in and to any reissues, renewals, continuations, continuation-in-parts, divisionals or extensions thereof that have been or shall be filed in the United States and all foreign countries on any of said improvements. I agree that I will communicate to the assignee or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal, and reissue applications, execute all necessary assignment papers to cause any and all Patents to be issued to the assignee, make all rightful oaths, and, generally do everything possible to aid said assignee, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries. The undersigned hereby grants the firm of Global IP Counselors, LLP the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.	
LEGAL NAME OF INVENTOR (Given name FAMILY NAME)	
Inventor: Sa	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Signature: Satoshi Puju	

PATENT REEL: 047692 FRAME: 0849