### 503700478 02/19/2016

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3747117

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
HIROSHI TACHIBANA	02/16/2016
KEIJIRO NISHI	02/16/2016
KAZUHIRO FUJII	02/16/2016
YUKI KATAOKA	02/15/2016
YUTA MIZUTANI	02/17/2016
ATSUSHI KOMATSU	02/10/2016
SHINGO SAKURAI	02/12/2016
YUTA KUROKAWA	02/10/2016

### **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:	15019589

#### **CORRESPONDENCE DATA**

**Fax Number:** (202)293-0445

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.

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Email: mailpto@giplaw.com

Correspondent Name: GLOBAL IP COUNSELORS, LLP DAVID TARNOFF

Address Line 1: 1233 20TH STREET, NW, SUITE 700

Address Line 2: SUITE 700

Address Line 4: WASHINGTON, D.C. 20036-2680

ATTORNEY DOCKET NUMBER:	SN-US156782
NAME OF SUBMITTER:	DAVID L. TARNOFF
SIGNATURE:	/David L. Tarnoff/

DATE SIGNED:	02/19/2016
Total Attachments: 8	
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Title of Invention	BICYCLE ELECTRICAL COMPONENT	
As the below	named inventor, I hereby declare that:	
This declarat	1 1 ** **	
is affected to	United States application or PCT international application number <u>15/019,589</u> filed on <u>February 9, 2016</u>	
The above-ic	lentified application was made or authorized to be made by me.	
I believe that 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.	
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 NA	ME OF INVENTOR (Given name FAMILY NAME)	
	Hiroshi TACHIBANA Date: Feb. 12, 2016	
Signature:	Hiroshi Taehi bana	

Title of Invention	BICYCLE ELECTRICAL COMPONENT		
As the below	v named inventor, I hereby declare that:		
This declara			
is ancorou a	United States application or PCT international application number 15/019,589 filed on February 9, 2016		
The above-i	The above-identified 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		
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LEGAL NA	ME OF INVENTOR (Given name FAMILY NAME)		
	Keijiro NISHI Date: February 16, 2016		
Signature	Keijiro Nishi		

Title of Invention	BICYCLE ELECTRICAL COMPONENT		
As the below	v named inventor, I hereby declare that:		
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is one other to	United States application or PCT international application number 15/019.589 filed on February 9, 2016		
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•	ASSIGNMENT		
acknowledge business at 3 and legal rep with the Apr (including th relevant Inte improvemen continuation the United S I agree th said inventio continuation cause any an everything p protection fo The unde	d and valuable consideration, the receipt, sufficiency and adequacy of which are hereby ed. I hereby sell, assign, and transfer to SHIMANO INC., having a principle place of 277 Oimatsu-cho. Sakai-ku, Sakai City. Osaka 590-8577 JAPAN, and its successors, assigns, presentatives, my entire right, title and interest in and to the invention listed above, together polication, any and all Patents that may issue for the United States and all foreign countries are right to claim priority under the terms of the International Convention and any other right to claim priority under the terms of the International Convention and any other right to claim priority under the terms of the International Convention and any other right to claim priority under the terms of the International Convention and any other right to claim priority under the terms of the International Convention and any other right to claim priority under the terms of the International Convention and any other right to claim priority under the terms of the International Convention and any other right to claim priority under the terms of the International Convention in and to any and all to any reissues, renewals, sometime parts, divisionals or extensions thereof that have been or shall be filed in tates and all foreign countries on any of said improvements.  International International Conventions, execute all divisional, and testify in any legal proceeding, sign all lawful papers, execute all divisional, and testify in any legal proceeding, sign all lawful papers, execute all divisional, and testify in any legal proceeding, sign all lawful papers, execute all divisional, and testify in any legal proceeding, sign all lawful papers, execute all divisional, and testify in any legal proceeding, sign all lawful papers, execute all divisional, and testify in any legal proceeding, sign all lawful papers, execute all divisional, and testify in any legal proceeding, sign all lawful papers, execute all divisional, and testify in any legal proceeding, sign all lawful pa		
LEGAL NA	ME OF INVENTOR (Given name FAMILY NAME)		
	Kazuhiro FUJII Date: (6 Feb. 20/6		
Signature	Kazulimo Fuzio		

Title of Invention	BICYCLE ELECTRICAL COMPONENT		
As the belov	w named inventor, I hereby declare that:		
This declara	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	United States application or PCT international application number 15/019.589 filed on February 9, 2016		
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US Patent ar	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.		
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	ME OF INVENTOR (Given name FAMILY NAME)		
	Yuki KATAOKA Date: Feb 15, 2016 : Yuki Kataoka		

Title of Invention	BICYCLE ELECTRICAL COMPONENT	
As the below	v named inventor, I hereby declare that:	
This declaration		
		The above-in
I believe tha application.	t I am the original inventor or an original joint inventor of a claimed invention in the	
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	ME OF INVENTOR (Given name FAMILY NAME)  Yuta MIZUTANI Date: スカノス ノ ス ノ ノフ	
	Yuta MIZUTANI Date: 20/6 / 2 / /7  Juta Mizutani	

Title of Invention	BICYCLE ELECTRICAL COMPONENT	
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acknowledg business at 2 and legal rep with the App (including the relevant Inte improvement continuation the United S I agree to said invention continuation cause any are everything protection for The united 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 NA	ME OF INVENTOR (Given name FAMILY NAME)	
	Atsushi KOMATSU Date: Fels. 10, 2016	
Signature	: a fame fa	

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LEGAL NAME OF INVENTOR (Given name FAMILY NAME)		
	Shingo SAKURAI Date: Fel. /2 / 20/6	
Signature: 標片 信号		

Title of Invention	BICYCLE ELECTRICAL COMPONENT	
As the below named inventor, I hereby declare that:		
This declara		
is directed to	United States application or PCT international application number 15/019.589 filed on February 9, 2016	
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Inventor: Yuta KUROKAWA Date: 2-16/2/10 Signature: 414 a Kurokawa		

**RECORDED: 02/19/2016**