504905456 05/08/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YOSHIMITSU MIKI	11/08/2013
YASUHISA WATANABE	11/08/2013

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15166120

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	BRENNAN C. SWAIN	
SIGNATURE:	/Brennan C. Swain/	
DATE SIGNED:	05/08/2018	

Total Attachments: 2

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PATENT 504905456 REEL: 045747 FRAME: 0507

ASSIGNMENT OF PATENT APPLICATION

(1-8) Insert name(s) of		(1) Yoshimitsu Miki	(5)	
inventors(s)	(2) Yasuhisa Watanabe	(6)		
		(3)	(7)	
		(4)	(8)	
		and valuable considerations	of one dollar (\$1.00) and other good s paid to each of the undersigned, the ign, and hereby does assign, transfer	
(9)	Insert name of Assignee	(9) Shimano Inc.		
(10)	Insert state of incorporation of Assignee	(10) Japan		
(11) Insert address o Assignee		(11) 3-77 Oimatsu-Cho Sakai-ku, Sakai City Osaka 590-8577 Japan		
		(hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as		
(12)	Insert identification of invention	(12) OPERATING DEVICE FOR A BICYCLE		
(13)	Insert date of signing of application	(13) November 8, 2013		

¹⁾ The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

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- The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- The undersigned agree(s) 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.
- The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.
- The undersigned hereby grants ROD S. BERMAN, Reg. No. 31,483; BERNARD 6) R. GANS, Reg. No. 27,443; GREGORY S. CORDREY, Reg. No. 44,089; and BRENNAN C. SWAIN, Reg. No. 43,175, of JEFFER MANGELS BUTLER & MITCHELL LLP, Customer No. 24574, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent & Trademark Office for Recordation of this document.

Signature of: Yoshimitsu MIKI

8. Nov. 20/3 Youth's a Watanabe.

Date Signature of: Yasuhisa WATANABE

RECORDED: 05/08/2018