

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kentaro KOSAKA</td> <td>11/28/2012</td> </tr> <tr> <td>Satoshi SHAHANA</td> <td>11/28/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kentaro KOSAKA	11/28/2012	Satoshi SHAHANA	11/28/2012				
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<table border="1"> <tr> <td>Name:</td> <td>Shimano Inc.</td> </tr> <tr> <td>Street Address:</td> <td>3-77 Oimatsu-Cho</td> </tr> <tr> <td>City:</td> <td>Sakai-ku, Sakai City, Osaka</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>590-8577</td> </tr> </table>		Name:	Shimano Inc.	Street Address:	3-77 Oimatsu-Cho	City:	Sakai-ku, Sakai City, Osaka	State/Country:	JAPAN	Postal Code:	590-8577
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 3102030567 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 310-203-8080 Email: patentdocket@jmbm.com Correspondent Name: JEFFER, MANGELS, BUTLER & MITCHELL, LLP Address Line 1: 1900 AVENUE OF THE STARS, 7TH FLOOR Address Line 4: LOS ANGELES, CALIFORNIA 90067</p>											
ATTORNEY DOCKET NUMBER:	57139-5111										
NAME OF SUBMITTER:	Brennan C. Swain										
<p>Total Attachments: 2 source=57139_5111ASSIGNM#page1.tif source=57139_5111ASSIGNM#page2.tif</p>											

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ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s)	(1) Kentaro KOSAKA	(5)
	(2) Satoshi SHAHANA	(6)
	(3)	(7)
	(4)	(8)

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) Insert name of Assignee	(9) SHIMANO INC.
(10) Insert state of organization of Assignee	(10) Japan
(11) Insert address of 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 encompassed by
(12) Insert identification of invention, such as title, case number or foreign application number	(12) BICYCLE ELECTRIC CONTROL DEVICE WITH ADJUSTABLE SWITCH UNIT
(13) Insert date of signing application	(13) November 28, 2012

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.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or

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Page 1 of 2

division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) 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.

4) 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.

6) The undersigned hereby grants ROD S. BERMAN, Reg. No. 31,483; BERNARD R. GANS, Reg. No. 27,443; GREGORY S. CORDREY, Reg. No. 44,089; BRENNAN C. SWAIN, Reg. No. 43,175; and ANDREW S. DALLMANN, Reg. No. 55,096, 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.

Nov, 28, 2012
Date

Kentaro Kosaka
Signature of Kentaro KOSAKA

Nov 28, 2012
Date

Satoshi Shahana
Signature of Satoshi SHAHANA

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