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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
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		Name	Execution Date
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CORRESPONDENCE Fax Number: <i>Correspondence will I</i> <i>US Mail.</i> Phone: Email: Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER SIGNATURE: DATE SIGNED:	(3 be sent to t 3 ⁻¹ pa 19 19 10 10 10 10 10 10 10 10 10 10 10 10 10	the e-mail address first; if that is uns 10-203-8080 atentdocket@jmbm.com EFFER, MANGELS, BUTLER & MITCH 200 AVENUE OF THE STARS, 7TH FI 200 AVENUE OF STARS, 7TH FI 200 AVENUE OF STARS, 7TH FI 200 AVENUE OF STARS, 7TH FI 201 AVENUE OF STARS, 7TH FI 201 AVENUE OF STARS, 7TH FI 202 AVENUE OF STARS, 7TH FI 203 A	HELL, LLP

Insert name(s) of inventors(s)	Daisuke Nago
Insert name of Assignee	SHIMANO INC.
Insert state of incorporation of Assignee	Japan
Insert address of Assignee	3-77 Oimatsu-Cho Sakai-ku, Sakai City Osaka 590-8577 JAPAN
Insert identification of invention, such as title, case number or foreign application number	BICYCLE STEM
approximation manifold	(hereinafter "the Invention")

ASSIGNMENT OF PATENT APPLICATION

1) 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 do(es) sell, assign, transfer, and convey unto Assignee all right, title, and interest that exist today and may exist in the future in and to any and all of the following:

(a) the Invention;

(b) all provisional applications, non-provisional applications, reissues, reexaminations, extensions, continuations, divisions, continuations-in-part, requests for continued examination, registrations and Inter Partes Review (IPR) certificates and Post-Grant Review (PGR) certificates thereof of the Invention;

(c) all foreign patents, patent applications, and counterparts relating to any item in any of the foregoing categories (a) through (b), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other equivalent governmental grants or issuances;

(d) all inventions, invention disclosures, discoveries know how, show how, trade secrets, design rights, trade dress, get up, copyrights, and ideas described in any item in any of the foregoing categories (a) through (c) and all other rights arising out of any of the foregoing;

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all rights to apply in any or all countries of the world for patents, (e) certificates of invention, utility models, industrial design protections, design patent protections, or other equivalent governmental grants or issuances of any type related to any item in any of the foregoing categories (a) through (d), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;

2) The undersigned agree(s) to execute all papers necessary in connection with any of the foregoing categories (a) through (e) and any and all applications related thereto, and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to perform all affirmative acts which may be necessary 3) to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents 4) to issue any and all Letters Patents of the United States resulting from said application or any divisions, continuing or continuations-in-part 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.

5) The undersigned hereby grants BERNARD R. GANS, Reg. No. 27,443; ROD S. BERMAN, Reg. No. 31,483; BRENNAN C. SWAIN, Reg. No. 43,175; GREGORY S. CORDREY, Reg. No. 44,089; and ALI SHALCHI, Reg. No. 52,201, 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.

<u>Har. 17, 2014</u> Date

Daisuke Nago Signature of Daisuke Nago

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