

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Hirokazu HIRAYAMA	08/27/2009
Hiroaki KURIYAMA	08/27/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Shimano Inc.
<b>Street Address:</b>	3-77, Oimatsu-cho, Sakai-ku
<b>City:</b>	Sakai, Osaka
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	590-8577
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12558583
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<b>ATTORNEY DOCKET NUMBER:</b>	SN-US071311
<b>NAME OF SUBMITTER:</b>	Rodney A. Butler
<b>Total Attachments: 1</b> source=SN-US071311_Assignment#page1.tif	

CH \$40.00 12558583

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**PATENT**  
**REEL: 023223 FRAME: 0208**

**ASSIGNMENT**

[Executed in Japan]

WHEREAS, Hirokazu HIRAYAMA, a citizen of Japan, whose address is  
c/o Shimano Inc. 3-77 Oimatsu-cho, Sakai-ku, Sakai, Osaka 590-8577, Japan.  
Hiroaki KURIYAMA, a citizen of Japan, whose address is  
c/o Shimano Inc. 3-77 Oimatsu-cho, Sakai-ku, Sakai, Osaka 590-8577, Japan.

hereinafter referred to as the Assignor(s), have invented certain new and useful improvements in  
DRAG ADJUSTING DEVICE FOR DUAL-BEARING REEL

for which the Assignor(s) have executed an Application for United States Letters Patent

(X) executed concurrently herewith  
 ( ) Serial No. \_\_\_\_\_ Filed \_\_\_\_\_

, AND WHEREAS, SHIMANO INC. having its principal place  
 of business at 3-77 Oimatsu-cho, Sakai-ku, Sakai, Osaka 590-8577, Japan  
 (hereinafter referred to as the Assignee), is desirous of acquiring the entire right, title, and interest in  
 and to said invention and said Application and in and to any Letters Patent or Patents, United  
 States or foreign as indicated below, to be obtained therefor and thereon:  
 NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is  
 herewith acknowledged, the Assignor(s) sell, assign, and transfer, unto the Assignee, its successors,  
 legal representatives and assigns, the entire right, title, and interest in the United States of America,  
 and in all foreign countries including, but not limited to, the following countries,

China, Malaysia, Korea, Singapore, Taiwan and all the Contracting States of the EPC

in, to and under said improvements, and said Application, and all original, divisional, renewal,  
 continuation, substitute, or reissue applications thereof, including the right to sue and recover for  
 any past infringement, and all rights of priority from the filing of said Application; and the  
 Assignor(s) hereby authorize and request the Commissioner of Patents and Trademarks to issue all  
 Letters Patent on said improvements or resulting therefrom to said Assignee herein, as assignee of  
 the entire interest therein, for the sole use and behalf of said Assignee, its successors, and assigns,  
 to the full end of the term or terms for which Letters Patent or Patents may be granted.  
 Further, the Assignor(s) and their legal representatives, heirs, and assigns do hereby agree and  
 covenant without further remuneration that they will communicate to said Assignee, its successors,  
 legal representatives and assigns, any facts known to them respecting said improvements whenever  
 requested, and will testify in any interferences or other legal proceeding in which any of said  
 applications or Letters Patent may become involved, sign all lawful papers, execute and deliver all  
 divisional, continuing, reissue and other applications for Letters Patent on said improvements and all  
 assignments thereof to said Assignee or its legal representatives, successors, or assigns, make all  
 rightful oaths and generally do everything necessary to assist said Assignee, its successors, legal  
 representatives and assigns, to obtain and enforce proper patent protection for said improvements in  
 the U.S. and said countries, the expenses incident to said applications to be borne and paid by said  
 assignee.

The undersigned hereby grants the firm of **Global IP Counselors, LLP**, or the firm of **Shinju Global IP** 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.

IN TESTIMONY WHEREOF, the undersigned Assignor(s) have affixed their signatures.

This 27 day of Aug., 2009 Signature Hirokazu HIRAYAMA  
 Hirokazu HIRAYAMA

This 27 day of Aug., 2009 Signature Hiroaki Kuriyama  
 Hiroaki KURIYAMA

**PATENT**