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FORM PTO-1619A

Expires 06/30/99 OMB 0651-0027 11.30.00

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Address (line 1)	c/o Shinjyu Global IP Counselors, LLP						
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	1233 Twentieth Street, N.W. Suite 700						
Address (line 3)	Washington, D.C. 20036						
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PATENT

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Correspondent Name and Addres	S Area Code and Telephone Number	(202) 293 - 0444
Name Shinjyu Global	IP Counselors, LLP	
Address (line 1) 1233 Twentieth	Street, N.W. Suite 700	
Address (line 2) Washington, D.	C. 20036	
Address (line 3)		
Address (line 4)		
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Patent Application Number(s) If this document is being filed together with a new signed by the first named executing inventor.	the Patent Number (DO NOT ENTER BOTH numbers fo	Number(s)
Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Num has not been assigned.	PCT PCT PCT	PCT PCT
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Fee Amount Fee Amou	nt for Properties Listed (37 CFR 3.41): \$	40
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Signature

Statement and Signature

indicated herein.

James W. Judge

Name of Person Signing

PATENT REEL: 011336 FRAME: 0523

ASSIGNMENT

WHEREAS,Ya		, a citizen of Japan residing at
3-8-11, Kimigaoka,	Hashimoto-shi, Wakayama, Japan	; , a citizen of Japan residing at
		; and , a citizen of Japan residing a
hereinaster referred to as the Assignor(s), have	invented certain new and useful improv	rements in
SP	INNING REEL SPOOL	
AND WHEREAS,	Shimano Inc.	
having its principal place of business at		
herewith acknowledged, the Assignor(s) se representatives and assigns, the entire right, to countries including, but not limited to, the follow Germany, Italy, the Netherlands, Belgium, Australia, Singapin, to and under said improvements, and said A or reissue applications thereof, including the priority from the filing of said Application; as Patents and Trademarks to issue all Letters Pater as assignee of the entire interest therein, for the	od and valuable consideration, the recoll, assign, and transfer, unto the title, and interest in the United States wing countries, Denmark, Finland, Luxembourg, Uniterpore, Malaysia, China, Taiwan and Korpplication, and all original, divisional, right to sue and recover for any past and the Assignor(s) hereby authorize and ton said improvements or resulting the sole use and behoof of said Assignee, in	reipt and sufficiency of which is Assignee, its successors, legal of America, and in all foreign d Kingdom, France, Sweden, ea renewal, continuation, substitute, infringement, and all rights of the request the Commissioner of the refrom to said Assignee herein,
full end of the term or terms for which Letters P Further, the Assignor(s) and covenant without further remuneration that they and assigns, any facts known to them respectinterferences or other legal proceeding in whice all lawful papers, execute and deliver all division improvements and all assignments thereof to sarrightful oaths and generally do everything necessigns, to obtain and enforce proper patent perpenses incident to said applications to be born	their legal representatives, heirs, and will communicate to said Assignee, its sting said improvements whenever rech any of said applications or Letters Panal, continuing, reissue and other application Assignee or its legal representatives, essary to assist said Assignee, its succeptotection for said improvements in t	successors, legal representatives quested, and will testify in any atent may become involved, sign cations for Letters Patent on said, successors, or assigns, make all essors, legal representatives and
IN TESTIMONY WHEREOF This 24 day of 1000, 2000 Signature.	the undersigned Assignor(s) have affin	xed their signatures.
This day of, 2000 Signatu	ire:	

This _____day of ______, 2000 Signature:_____

RECORDED: 11/30/2000

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