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4. Application number(s) or paten	t number(s): "Bigycle (Control Davice"			
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			ASSIGNMENT	Express Mail Label No. ELS91832626US Attorney Docket No. 57139-5056
(1-8) Inser	Insert Name(s)	(1)	AKIRA TSUMIYAMA	(5)
	of Inventor(s)	(2)	NOBUKATSU HARA	(6)
		(3)		(7)
		(4)		(8)
		conside	sideration of the sum of the c arations paid to each of the unde reby does assign, transfer and se	Iollar (\$1.00) and other good and valuable raigned, the undersigned agree(s) to assign t over to
(9)	Insert name of Assignee	(9)	SHIMAND INC.	
(10)	Indert state of incorporation of Assignee	(10)	Japan	· · · · · · · · · · · · · · · · · · ·
(11)	Insert address of Assignee	(11)	77 Dimatsu-cho 3-cho Sakai, Oseka 590-8577 JAPAN	
			nafter designated as the Assignee st in the invention known as	b) the entire worldwide right, title and
(12)	Insert identification of invention, such as	(12)	BICYCLE CONTROL DEVICE	
	title, case number or foreign application number	for which the undersigned hes (have) executed an application for patent in the United States of America on		
(13)	Insert date of signing of application	(13)		

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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 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 ar 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, BRIAN W. KASELL, Reg. No. 33,522, KATHY MOJIBI, Reg. No. 41,409 and RUPAK NAG, Reg. No. 37,493, the power to insert on this assignment any further identification which may be nacessary or desirable in order to comply with the rules of the United States Patent & Trademark Office for recordation of this document.

Date: Nov 21. 2001	Name of Inventor: AKIRA TSUMIYAMA	Akira Tsum	gama .	
Date: Nov , 21.2001	Name of Inventor: NOBUKATSU HARA	NOBUKATSU	HARA	

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