**Assistant Commissioner for Patents Box Assignments** Washington, D.C. 20231

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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Attorney Docket No.

1.	A.	Name of conveying party(ies):	2. A. Name and address of receiving party(ies)
		Takao IIZUKA Masaaki SASAKI	YOSHINO KOGYOSHO CO., LTD. 2-6, OJIMA 3-CHOME KOTO-KU, TOKYO 136 JAPAN
	В.	Additional name(s) of conveying party(ies)  ☐ Yes ☐ N	attached?
3.	Α.	Nature of conveyance:	B. Additional name(s) & address(es) attach  □Yes ⊠ No
	$\boxtimes$	Assignment	
		Security Agreement	Name
		Other	
	В.	Execution Date: August 24, 1999	
	В.	Patent Application No.(s)Additional	C. Patent No.(s)
5.		ne and address of party to whom corresponde cerning document should be mailed	6. Total number of applications and patents inve
	Na	ame: OLIFF & BERRIDGE, PLC	7. A. Total fee (37 CFR 3.41)\$ 40.00
			B. Enclosed (Check No)
	Ad	ddress: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, VA 22320	Credit any overpayment or charge any under deposit account number 15-0461.
9.	To i	tement and signature. the best of my knowledge and belief, the foregoriginal document.	ping information is true and correct and any attached copy is a Date: કે ઝિંબેલ્ય્
	lam	nes A. Oliff Registration No. 27,075	Date:

			ASSIGNM	IENT	J(t) Z		
		(1)	Takao IIZUKA	(5)			
1-8)	Insert	(2)	Masaaki SASAKI	(6)			
	Name(s) of Inventor(s)	(3)		(7)			
		(4)		(8)			
		In consideration of the sum of one dollar (\$1.00) and other good and valuable considera to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfe over to					
9)	Insert Name of Assignee	f (9)	YOSHINO KOGYOSHO C	O., LTD.			
10)	Insert Address of Assignee	(10)					
	T	(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as					
(11)	Insert Identification such as Title, Case	(11)	CONTAINER				
	Number, or Foreign Application Number	(Attorney Docket No. 103768					
			hich the undersigned has (hav en date herewith or	e) executed an application for	patent in the United States of America		
(12)	Insert Date of Signing of Application	(12)	on				
(13)	Alternative	(13)	U.S. application Serial Nun	iber			
	Identification for filed applications	filed			****		
applica any app the Ass	applications for the inventi- tions and patents as the Ass 2) Each undersigned agre- plication or continuation or signee in every way possible 3) Each undersigned agre-	on, and a ignee ma es to exe division to in obtain es to exe	ny patent(s) issuing thereon, a y deem necessary. cute all papers necessary in co hereof, or any patent or reissu ting evidence and going forwa- cute all papers and documents	nd also to execute separate ass nnection with any interference e application based thereon, found and with such interference.	and any continuing, divisional or ignments in connection with such which may be declared concerning or the invention, and to cooperate with ay be necessary in connection with ements.		

4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.

5) Each undersigned authorizes and requests the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.

6) Each undersigned hereby grants the firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

	In witness where	of, execute	d by the undersigned on	the date(s) op	posite the undersigned	name(s).	
Date	August 24	1, 1999	Invento	r Signature	Jakao &	izuka	(SEAL)
Date		<u></u>	Invento	r Signature		<del></del>	(SEAL)
Date	August 24	4, 1999	Invento	r Signature	masaaki	Sasaki	(SEAL)
Vate			Invento	r Signature			(SEAL)
Date			Invento	r Signature			(SEAL)
Date			Invento	r Signature			(SEAL)
Date			Invento	r Signature			(SEAL)
Date			Invento	r Signature			(SEAL)
If neith			erably be signed before: (a fore at least two witnesses		here:	(b) a U.S. Consul if or	utside the U.S.A.
Date	August 2	4, 199	<u> </u>	Witness	Miterio	nahala	n-
Date	August 2	4, 199	)	Witness	Shing 2	land	

PATENT REEL: 010202 FRAME: 0264