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			Attorney Docket No. 113827								
	To	the Director of the U.S. Patent and Trademark Office: P	Please record the attached original document or copy thereof.								
1.	Α.	Name of conveying parties: Mutsumi MATSUURA Taiichi MIYA Q-25-02	2. A. Name and address of receiving party: MINEBEA CO., LTD. 4106-73, MIYOTA, MIYOTA-MACHI, KITASAKU-GUN, NAGANO-KEN, JAPAN								
	В.	Additional name(s) of conveying party(ies) attached?									
3.	A.	Nature of conveyance:	B. Additional name(s) & address(es) attached?								
	\boxtimes	Assignment									
		Security Agreement Change of Name									
		Other									
	В.	Execution Date: September 20, 2002	10/253477								
4.	A. 200	A. If this document is being filed together with a new application, the execution date of the application is: September 20, 2002									
	В.	Patent Application No.(s)	C. Patent No.(s)								
		Additional numbers atta	ached? Yes No								
5.		te and address of party to whom correspondence terning document should be mailed:	6. Total number of applications and patents involved: 1								
	Na	me: James A. Oliff	7. A. Total fee (37 CFR 3.41)\$ 40.00								
			B. Enclosed (Check No. 134808)								
	Ad	dress: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, VA 22320	Credit any overpayment or charge any underpayment to deposit account number 15-0461.								
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		40.00 00)									
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document											
James A. Oliff Registration No. 27,075 Thomas J. Pardini Registration No. 30,411											
	Total number of pages including cover sheet, attachments, and document: 2										

ASSIGNMENT

(1-8) Insert Name(s)	(1) Mutsumi MA	TSUURA		(6) <u>·····</u>		<u></u>				
of inventor(s)	(2) Taiichi MIYA			(6)						
	(3)			(7)		and				
	(4)			(8)						
	one dollar (\$1.	00) and other s	good and							
	valuable conside	consideration paid to each of the undersigned, each undersigned agrees to								
	assign, and hereby does assign, transfer and set over to									
(9) Insert Name of Assignee	(9) Minebea C	o., Ltd.	· · ·		<u> </u>					
(10) Insert Address of	(10) 4106-78 M	livota, Miyota	machi, Kita	saku gun. Nag	ano-ken Japan	<u> </u>				
Assignee										
	. (hereinafter desig	mated as the A	ssignee) and	Assignce's heir	s, sticcessors, sist	signs and				
	legal representat	ives, the enti	re right, title	e 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								
(11) Insert Identification,	/11) DEVICE	reexamination certificates that may be granted on the invention known as (11) DEVICE FOR MEASURING WITH HIGH ACCURACY								
euch as Title, Case Numbe				ORQUE						
	(Attorney D	onlant Nin	113827							
or Foreign Application Number	(A vantour)	OCAEL 140								
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and the second of the second o	States of America			car att alvhiscasio.	Tot pavennin, ci	m Omea				
(12) Insert Date of Signing of	(12) on Sept									
Application	()									
(13) Alternative Identification	(13) U.S. applies	tion Serial N	ımber			<u>e la proper de la companya de la co</u>				
for filed applications	(13) U.S. applies filed Se	ptember 25,	2002							
1) Each undersigned agr	ces to execute all par	ers necessary i	n connection	with any applic	ation and any co	ntinuing,				
divisional or reissue applicat	ions for the invention	o, and any pa	tent(s) issuir	ng thereon, and	also to execute	separate				
nesignments in connection wil	h such applications a	nd patents as	the Assignee	may deem neces	sary.					
2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be										
declared concerning any application or continuation or division thereof, or any patent or reissue application based										
thereon, for the invention, and to cooperate with the Assignce in every way possible in obtaining evidence and going										
forward with such interference. 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in										
3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar										
agreements.										
4) Each undersigned agr	ecs to perform all aff	irmative acts v	vhich may be	necessary to ob	tain, maintain c	r confirm				
by relastic or reexamination a						•				
5) Each undersigned au	thorizes and request	the Director	of Patenta to	isens any and	all Letters Pate:	nte of the				
United States resulting from	and application(s) to	the said Assig	mee, as Assi	ince of the entir	e interest; and o	covenants				
that he has full right to conve	y the entire interest	nerem assigne	a ann taat i	no nas not execu	ted, and will no	t execute,				
any agreements in connect ne assigns and legal representati		ist time assign	ment is billio	mg on mor and	ins hens, surge	,6025, and				
6) Each undersigned her	one crants the firm (oupp & Be	RRIDGE, PI	LC the power of	insert on this sr	signment				
any further identification the	t may be necessary	or desirable in	order to cor	mply with the r	ules of the Unit	ed States				
Patent and Trademark Office						表合:				
In witness whereof, execute	d by the undersigne	on the date(s) opposite t	he undernigned	name(s). 📝					
Date Sep. 20, 2002	nventor Signature	me	trumi	matsuur	~	(SEAL)				
Date Sep. 20, 2002	Inventor Signature	Ja	uchr.	hin ga		-(SEAL)				
Date	nventor Signature					(SEAL)				
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This assignment should prefer		(a) a Notary	Public if wit	hin the U.S.A. (b) a U.S. Consul					
the U.S.A. If neither, then it sho	uld be signed before	t least two wit	nesses who	also sign here:						
	Witness									
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PATENT REEL: 013334 FRAME: 0612