03-13-2001



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		Sum D.C. 20231	THE CHIEF TO THE				
-		Toda n	Attorney Docket No. 108612				
-		To the Director of the U.S. Patent and Trademark Office:	Please record the attached original document or copy thereof.				
1.	A.	Name of conveying parties: Shingo SUZUKI Koichi TOYODA	2. A. Name and address of receiving party: MINEBEA CO., LTD. 4106-73 OAZA MIYOTA, MIYOTA-MACHI, KITASAKU-GUN, NAGANO-KEN, JAPAN				
	В.	Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No					
3.	A.	Nature of conveyance:	B. Additional name(s) & address(es) attached?				
	Ø	Assignment	□Yes ⊠ No				
		Security Agreement					
		Other					
********	B.	Execution Date: February 13, 2001					
4.	A. If this document is being filed together with a new application, the execution date of the application is: February 13, 2001						
	B.	Patent Application No.(s)	C. Patent No.(s)				
		Additional numbers atta	ched? ☐ Yes ⊠ No				
5.		ne and address of party to whom correspondence terning document should be mailed:	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. <u>116356</u>)				
	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.				
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.						
	Jam	es A. Oliff, Registration No. 27,075	Date: February 16, 2001				
	Thomas J. Pardini, Registration No. 30,411						
	Total number of pages including cover sheet, attachments, and document: 2						
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		40.00 BP					

PATENT REEL: 011565 FRAME: 0980

ASSIGNMENT

(1-8) Insert	(1) <u>S</u>	ingo SUZUKI	• •	(5)		
	Name(s) of		ichi TOYODA				
	Inventor(s)				(7)	and	
		(4)					
						other good and valuable considerations pa	iд
		to ea				ign, and hereby does assign, transfer and s	
		over			6 (),	go y manufactory most amongs, and solor tale o	JE
(9)	Insert Name of Assignee	(9) Min e	ebea Co., Ltd.				
(10)	Insert Address of Assignee			ota, Mivota	-machi, Kita	saku-gun, Nagano-ken, Japa	n
						nterest for the United States of America	
						for patent including any and all division	
						ons, reissues and reexamination certificat	
			nted on the invention		,		•
(11)	Insert Identification,	(11) <u>FPC F</u>	OR MOUNTING	COMPONENTS	AND SPREAD	O ILLUMINATING	
	such as Title, Case	APPAR	ATUS USING T	HE SAME			
	Number or Foreign						
	Application Number	(Case No1	8612)			
					pplication for pat	ent in the United States of America	
(12)	Insert Date of						
	Signing of Application	(12) on Febru	uary 13, 200	1			
(13)	Alternative						
	identification for	(13) U.S. applic	ation Serial Numbe	r			
	filed applications						
1)	The undersigned agre	e(s) to execute all pa	pers necessary in conr	nection with the ap	plication and any co	ntinuing, divisional or reissue applications for the	ne
	invention, and any patent(s) issu	ing thereon, and also	to execute separate a	ssignments in con	nection with such ap	plications and patents as the Assignee may dee	m
	necessary.						
2)	The undersigned agree	æ(s) to execute all p	papers necessary in co	nnection with any	interference which	may be declared concerning this application	or
	continuation or division thereof,	or any patent or reis	sue application based t	hereon, and to coo	perate with the Assi	gnee in every way possible in obtaining eviden	ce
	and going forward with such in	terference.					
3)	The undersigned agre	e(s) to execute all pa	pers and documents a	nd perform any ac	t which may be nec	essary in connection with claims or provisions	οf
	the International Convention fo	r Protection of Indu	strial Property or simil	ar agreements.			
4)	The undersigned agre	e(s) to perform all af	firmative acts which n	nay be necessary to	o obtain, maintain or	confirm by reissue or reexamination a grant of	à
	valid United States Patent to the	Assignee.					
5)	The undersigned here	by authorize(s) and r	request(s) the Commis	sioner of Patents to	o issue any and all I	etters Patents of the United States resulting from	n
	said application or any divisiona	d, continuing or reiss	ue applications to the	said Assignee, as A	Assignee of the entir	e interest, and hereby covenants that he has (the	у
	have) full right to convey the en	tire interest herein a	ssigned, and that he ha	as (they have) not	executed, and will r	ot execute, any agreements in conflict herewill	1.
6)	The undersigned here	by grant(s) the firm	of OLIFF & BERRI	DGE the power to	o insert on this assi	gnment any further identification which may b	æ
	necessary or desirable in order t	o comply with the r	ules of the United Stat	es Patent and Trad	lemark Office for re	cordation of this document.	
	In witness whereof, executed	I by the undersign	ed on the date(s) op	posite the under	signed name(s).		
Date	February 13, 2001 Nam	e of Inventor	Shingo	Suguri		(SEAL)	
Date	February 13, 2001 Nam	e of Inventor	Loioli	Togoda			
Date	Nam	e of Inventor					
Date	Nam	e of Inventor				(SEAL)	
	This assignment should prefe						
(b) a	U.S. Consul if outside the U.						
Date							
Date	Witn	ess					

RECORDED: 02/16/2001

PATENT REEL: 011565 FRAME: 0981