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Post Office Box 7068 Pasadena, CA 91109-7068

Commissioner of Patents and Trademarks: Pleaserecord the attached original documents or copy thereof:

1. Name of conveying party(ies):	Name and address of receiving party(ies): Name: KABUSHIKI KAISHA KAWAI GAKKI SEISAKUSHO			
Sadamoto Wakuda				
Additional name(s) of conveying pressures)	Street Address: 200, Terajima-cho, Hamamatsu-shi, Shizuoka Japan			
3. Name of conveyance:	200			
X Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other:	3c97a			
Execution Date: December 20, 2001	Additional name(s) & address(es) attached? No			
4. Application number(s) or patent number(s):	<u> </u>			
If this document is being filed together with a new appris: December 20, 2001.	plication, the execution date of the application			
A. Patent Application No.(s)	B. Patent No.(s)			
Additio	onal numbers attached?			
5. Please return the recorded document and address all correspondence to:	6. Total number of applications and patents involved 1			
CHRISTIE, PARKER & HALE, LLP P.O. Box 7068 Pasadena, CA 91109-7068 Attention: D. Bruce Prout	 7. X Total fee enclosed (37 CFR 3.41): \$40.00 8. X Any deficiency or overpayment of fees should be charged or credited to Deposit Account No. 03-1728, except for payment of the second sec			
10. ☐ Explanatory letter is enclosed.	issue fees required under 37 CFR § 1.18. Please show our docket number with any credit or charge to our Deposit Account.			
9. Statement and signature. To the best of my knowledge and belief, the foregoin original document.	g information is true and correc dany attached copy is a true copy of the			
Date: January 8, 2002 By	Name: D. Bruce Prout 626/795-9900			
Express Mail No. EL903019028US	Total number of pages including cover sheet, attachments, and document:			

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PATENT REEL: 012477 FRAME: 0447

Docket No.:

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ASSIGNMENT

In consideration of good and valuable oundersigned,	consideration,	the receipt of which is	hereby acknowledged, the	
(1) Sadamoto WAKU	IDA			
HEREBY SELL(S), ASSIGN(S) AND TRA	ANSFER(S) T	0		
(2) Kabushiki Kaisha Kaw	ai Gakki	Seisakusho		
having a place of business at (3) 200, Terajima-cho, H	amamatsu-	-shi, Shizuoka,	Japan	
(hereinafter called "ASSIGNEE") the enwhich are disclosed in the application (4) INSTRUCTION INPUT DEV	for United St	ates Letters Patent entit	led	
which application was:	JUL TOR	EBBCIRONIC NOBI	CITE THOUSAND	
(a) executed on (5a): Dec. 20	2001	(CHRISTIE, PARKER &	& HALE, LLP, P.O. Box	
		91109-7068) is hereby		
Application No.:; authorized to insert in (b) the specified da		(b) the specified data,		
		when known.		
It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said ASSIGNEE, its assigns or its successors in interest or its designee. Upon said consideration, it is further agreed that, when requested, without charge to but at the expense of said ASSIGNEE, the undersigned will execute all divisional, continuing, substitute, renewal, and reissue patent applications; execute all rightful other papers; and generally do everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining patent protection as provided herein.				
INVENTOR(S)	SIGNATURE		DATE	
Sadamoto WAKUDA	y Sala	moto Wakuda	x Dec. 20, 2001	
Buddine Co William	<u> </u>		~	
	<u>X</u>	,	X	
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WITNESSES: Tanaba K 14 waji Tanaba H	oju TANA	KA		
itioagni Tanaha H	isaji TA	NABE		
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PATENT
RECORDED: 01/08/2002 REEL: 012477 FRAME: 0448