FORM PTO-1595 (Rev. 6-93)	03-28-	2000	U.S. DEPARTMENT OF COMMERC Patent and Trademark Offi	
mad REC				
2.18.00	10129	7349	Attorney Docket No.: 040894-5524	
To the Assistant Commissioner for Patents: Please record the attached original documents or commissioner for Patents.	copy thereof.		ATTN: BOX ASSIGNMENT	
1. Name of conveying party(ies): 1. Teruaki SOGAWA 2. Takayuki MURAKAMI Additional name(s) of conveying party(ies) attac Yes X No		2. Name and address of Name: Funai Electric Internal Address:	0	
If this document is being filed together with a r Februs A. Patent Application No.(s)	09,5064 new application the cary 14, 2000 B. Patent No.	Japan City: State: Z Additional name(s) & a YesX No #50 execution date of the applications are applications.	ip: address(es) attached?	
5. Name and address of party to whom corr concerning document should be mailed:	respondence	6. Total number of appli	cations and patents involved: 1	
Name: Mr. Robert J. Gaybrick Internal Address: Morgan, Lewis & Boc Customer No. 09629		7. Total fee (37 C.F.R §3.41):\$40.00 X Enclosed Authorized to be charged to deposit account 50-0310		
Street Address: 1800 M Street, N.W. City: Washington State: D.C. Zip: 2	20036	Deposit account number: 50-0310 Attach duplicate of page if paying by deposit account		
9. Statement and Signature To the best of my knowledge and belief, the original document. J. Michael Thesz Name of Person Signing 3/27/2000 BHSBYEN 00000202 09506450 1 FC:581 40.00 0P	Signat	ure	nd any attached copy is a true copy of February 18, 2000 Date sheet, attachments and documents: 2	

PATENT REEL: 010632 FRAME: 0765

ASSIGNMENT

WHEREAS I/We, the below named invententialed:	tor(s), [hereinafter referred to as A	Assignor(s)], have made an invention
PICKUP DEVICE		
for which I/WE executed an application for United concurrently herewith; or on, (Serial No	States Letters Patent; or filed an application fo); and	r United States Letters Patent on
a corporation of Japan 7-1, Nakagaito 7-chome, Daito-shi, O	, whose saka, Japan	post office address is (hereinafter referred to as Assignee),
is desirous of securing the entire right, title, and into Patent on this invention and the Letters Patent to b	erest in and to this invention, the a issue upon this application:	application for United States Letters
may be granted thereon, and all reissues thereof; an Trademarks of the United States to issue all Letters accordance with the terms of this Assignment; AND, I/WE HEREBY further covenant ar assignee, its successors and assigns, any facts known sign all lawful papers when called upon to do so, exthe title to this invention in said assignee, its success applications, make all rightful oaths and generally do and enforce proper patent protection for this invention the execution of such papers shall be borne by the analysis application, to insert here in parent the filing date and application number of said application for the said application of the said application number of said application number of said application for the said application number of said application	and agree that I/WE will, without for to ME/US respecting this invention to ME/US respecting this invention and assigns, execute all division of everything possible to aid assignation in the United States, it being the assignee, its successors and assigns est the attorneys I/WE have empoheses (Application No.	urther consideration, communicate with ion and testify in any legal proceeding, nay be necessary or desirable to perfect onal, continuation, and reissue ee, its successors and assigns, to obtain understood that any expense incident to expense inc
Full Name of Sole of First Assignor	Assignor's Signature	Date
Teruaki Sogawa	Ternaki Sogana	February 14, 2000
Address c/o Funai Electric Co., Ltd. 7-1, Nakagaito 7-chome, Dait		Citizenship Japan
2. Full Name of Second Assignor	Assignor's Signature	Date
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