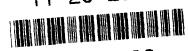
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FAIENTS ONLT					
To the Commissioner for Patents. Please record the attache	ed original documents or copie	s thereof.			
Name of Conveying Party(les):	2. Name and Address	of Receiving Party(les):			
Tetsuo NISHIDATE;	Name:	FUNAI Electric Co., Ltd.			
Masaaki SUETSUGU;	Internal Address:				
Toyoshi NOGAMI	Street Address:	7-7-1 Nakagaito,			
Additional names of conveying parties attache	d				
3. Nature of Conveyance: XAssignment □ Merger □ Security Agreement □ Change of Name □ Other:	City, State, Zip:	Daito, Osaka 574-0013, JAPAN			
Execution Date: October 29, 2007	□ Additional	name(s) and address(es) attached.			
4. (A) Patent Application Number(s):	4. (B) Patent Number(
If this document is being filed together with a new application, the execution date of the application is: October 29,	, 2007				
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Name and Address of Party to whom Correspondence Concerning Document Should be Mailed:	this Total Number of Ap	plications and and street and str			
Name: George A. Loud	7. Total Fee: (37 CFR 3.41)	\$40.00			
Address: 23364 Customer Number Phone: (703) 683-050	X Enclosed Authorized to be 8. Deposit Account No.	De charged to deposit account umber: 02-0200 COPY OF THIS PAGE IF PAYING BY DEPOSIT ACCOUNT			
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Total number of pages including cove	r sheet, attachments and documer	nt: 4			

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Title:

ASSIGNMENT BY INVENTOR(S) OF U.S. APPLICATION

WHEREAS, I am the original, first and sole inventor and I own (if only one name is listed below) or an original, first and joint inventor and the joint inventors own (if plural names are listed below) (referred to as "ASSIGNOR" below) the subject matter which is claimed and for which a patent is sought on the invention (referred to as the "INVENTION" below) entitled:

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	x	is	executed	on	even	date	herewith.		
		was	s filed on (d	ay-m	onth-ye	ear)			as U.S. Applic ation Numb er
		was	s fil ed on (d	ay-m	onth-ye	ear)			as PCT Applic ation Numb er
		was (da	executed y-month-ye		the	follo	wing date(s))	

Optical Pickup Apparatus

WHEREAS.

FUNAI Electric Co., Ltd.

having a postal address of

7-7-1 Nakagaito, Daito, Osaka JAPAN

(referred to as "ASSIGNEE" below) desires to acquire the entire right, title and interest in and to the same in the U.S.;

PATENT

REEL: 020149 FRAME: 0460

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all patents granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent applications in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of Bacon & Thomas, PLLC to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

Full Name of First or Sole Inventor	Post Office Address		
Tetsuo NISHIDATE	c/o FUNAI Electric Co., Ltd.		
	7-7-1 Nakagaito, Daito, Osaka, JAPAN		
Citizenship	Residence (city, and either state or foreign country, MPEP §605.02)		
JAPAN	Daito, Osaka, JAPAN		
Date Oct 29, 2007	Signature Tetsuo NISHIDATE		

See following page(s) for additional joint inventors.

(06Nov2001)

PATENT REEL: 020149 FRAME: 0461 ATTORNEY/DOCKET NO:

RECORDED: 11/13/2007

SUPPLEMENTAL PAGE FOR AN ASSIGNMENT BY INVENTOR(S) OF U.S. APPLICATION

Full Name of Joint Inventor	Post Office Address				
Masaaki SUETSUGU	c/o FUNAI Electric Co., Ltd.				
	7-7-1 Nakagaito, Daito, Osaka, JAPAN				
Citizenship	Residence (city, and either state or foreign country, MPEP §605.02)				
JAPAN	Daito, Osaka, JAPAN				
Date Oct 29, 2007	Signature Mapaaki RUETRUGU				
Witness Name	Witness Signature (not required for recordal)				
Full Name of Joint Inventor	Post Office Address				
Toyoshi NOGAMI	c/o FUNAI Electric Co., Ltd.				
	7-7-1 Nakagaito, Daito, Osaka, JAPAN				
Citizenship	Residence (city, and either state or foreign country, MPEP §605.02)				
JAPAN	Daito, Osaka, JAPAN				
Date Oct , 29 , 2007	Signature Toyoshi NOGAMI				
Witness Name	Witness Signature (not required for recordal)				
Full Name of Joint Inventor	Post Office Address				
Citizenship	Residence (city, and either state or foreign country, MPEP §605.02)				
Date	Signature				
Witness Name	Witness Signature (not required for recordal)				
See follo	owing page(s) for additional joint inventors. (06Nov2001)				

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