## 11-06-2007



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Form PTO-1595 (Rev. 03/ 01) OMB No. 0651-0027 (exp. 5/31/200	10345	U.S. DEPARTMENT OF COMMERCE			
To the Honorable Commiss	To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof				
Name of conveying pa		2. Name and address of receiving party(ies)			
Atsuhiko Chikaoka (10/ Shihara (10/09/2007)		Name: Funai Electric Co., Ltd. Internal Address:			
Additional name(s) of conveying attached?  3. Nature of Conveyance:  x Assignment	Party(les) Yes X No  Merger	Street Address:  7-1, 7-chome, Nakagaito, Daito-shi, Osaka 574-0013 JAPAN			
Security Agreement	Change of Name	City:			
Other		State: Zip:			
Execution Date: in pare	entheses after inventor name	Additional name(s) & Yes X No address(es) attached:			
This application		11/977816			
	Additional numbers attack	' — —			
Name and address of pa concerning document sh	rty to whom correspondence	'			
concerning document sh Name: Jonathan P. Osha	rty to whom correspondence ould be mailed:	6. Total number of applications and patents involved:			
concerning document sh Name: Jonathan P. Osha OSHA LIANG LL	rty to whom correspondence ould be mailed:	6. Total number of applications and patents involved:  1 7. Total fee (37 CFR 3.41) \$ 40.00			
concerning document sh Name: Jonathan P. Osha OSHA LIANG LL Internal Address: Atty. D	rty to whom correspondence ould be mailed:	6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41)  Enclosed			
concerning document sh Name: Jonathan P. Osha OSHA LIANG LL	rty to whom correspondence ould be mailed: P kt.: 17267/023001	6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41)  Enclosed  Authorized to be charged to deposit account X  Authorized to be charged to credit card			
concerning document sh Name: Jonathan P. Osha OSHA · LIANG LL Internal Address: Atty. D Street Address:	rty to whom correspondence ould be mailed: P kt.: 17267/023001	6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41)  Enclosed  Authorized to be charged to deposit account			
concerning document sh Name: Jonathan P. Osha OSHA · LIANG LL Internal Address: Atty. D Street Address: 1221 McKinney St., Suite 2 City:	rty to whom correspondence ould be mailed:  P kt.: 17267/023001  800  State: Zip:	6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41)  Enclosed  Authorized to be charged to deposit account  X Authorized to be charged to credit card  (Form 2038 enclosed)  8. Deposit account number:  50-0591			
concerning document sh Name: Jonathan P. Osha OSHA · LIANG LL Internal Address: Atty. D Street Address: 1221 McKinney St., Suite 2	rty to whom correspondence ould be mailed:  P kt.: 17267/023001  800  State: Zip: TX 77010	6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41)  Enclosed  Authorized to be charged to deposit account X  Authorized to be charged to credit card (Form 2038 enclosed)  8. Deposit account number:  (Attach duplicate copy of this page if paying by deposit account)			
concerning document sh Name: Jonathan P. Osha OSHA · LIANG LL Internal Address: Atty. D Street Address: 1221 McKinney St., Suite 2 City: Houston	rty to whom correspondence ould be mailed:  P kt.: 17267/023001  800  State: Zip: TX 77010  DO NOT USE	6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41)  Enclosed  Authorized to be charged to deposit account  X Authorized to be charged to credit card  (Form 2038 enclosed)  8. Deposit account number:  50-0591			
concerning document sh Name: Jonathan P. Osha OSHA · LIANG LL Internal Address: Atty. D Street Address: 1221 McKinney St., Suite 2  City: Houston  9. Statement and signature	rty to whom correspondence ould be mailed:  P kt.: 17267/023001  800  State: Zip: TX 77010  DO NOT USE	6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41)  Enclosed  Authorized to be charged to deposit account  X Authorized to be charged to credit card  (Form 2038 enclosed)  8. Deposit account number:  50-0591  (Attach duplicate copy of this page if paying by deposit account)			

18/29/2007 KMARZT1 00000063 1/977816 48.63 CP 04 FC:8021

## ASSIGNMENT - U.S. RIGHTS ONLY

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) (referred to herein as the "INVENTOR(S)") hereby assign, transfer, and set over to:

Funai Electric Co., Ltd.

having the following address:

7-1, 7-chome, Nakagaito, Daito-shi, Osaka, 574-0013, Japan

(referred to herein as "COMPANY"), its successors, and assigns, the entire right, title, and interest for the United States of America (including without limitation its territories and possessions) in and to the invention known by the following title:

## DISC DEVICE

for which the undersigned has/have executed an application for patent in the United States of America on or about this same day, together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all United States Letters Patent which may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

In addition, the undersigned INVENTOR(S) each hereby agrees:

- 1. To sign and execute any further documents which may be necessary or desirable, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
- To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
- 3. To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to COMPANY.

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm of OSHA • LIANG LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for the recordation of this document.

**OSHA • LIANG LLP** 

PATENT REEL: 020076 FRAME: 0880

indivi	iduals on the date appearing b		been executed by each of the micerolyness		
October 11,2007		1 <sup>st</sup> Inventor Signature:	Atsuhibo CHIKAOKA		
	Date	Print or Type Name:	Atsuhiko CHIKAOKA		
_0	Ctober 9 , 2007	2 <sup>nd</sup> Inventor Signature: Print or Type Name:	Tetsuya SHIHARA Tetsuya SHIHARA		
	Date	rime of Type Name.	recsuya Shihaka		
		3 <sup>rd</sup> Inventor Signature:			
	Date	Print or Type Name:			
		4 <sup>th</sup> Inventor Signature:			
	Date	Print or Type Name:			
Docume	ent9	T.			
	(a) a Notary Public for o	This Assignment may be algned ne of the States of the United State	before either: s, or (b) two witnesses who sign below:		
	•		·		
	State of	•			
<u> </u>	County of				
置	Before me personally appeared:				
2		1 <sup>d</sup> Inventor	2 <sup>nd</sup> Inventor		
NOTARY PUBLIC	execute this Assignment,	<sup>3º</sup> hventor foregoing instrument to be a free act	and deed and also represented that he/she is authorized to		
=	Dated:	Notary Public	No. 2 - and other and head		
L	J	Notary Public	My commission expires:		
ESSES	}	Signature of Witness:			
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		gnment is <u>not</u> filed concurrent g identifying information may			
U.S. Application Serial No.:					
Filing Date:					
ASSIGNMENT – U.S. RIGHTS ONLY Page 2					

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**RECORDED: 10/26/2007** 

PATENT REEL: 020076 FRAME: 0881