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	OIPE	11-27-2001		
B/O FORM PTO 1595 (1/31/92) Patent and Trademark Office RECORDATION FORM COVER SHEET PATENTS ONLY		101901746 ASAM.0021		
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.				
1.	Name of Conveying Party(ies):	2. Name and Address of Receiving Party(ies):		
(1) Yasuyuki OOKUMA, (2) Kenji MAIO, (3) Yoichiro KOBAYASHI and (4) Hiroyasu YOSHIZAWA Additional names of conveying parties attached		Name: HITACHI, LTD. 6, Kanda Surugadai 4-chome City, State, Zip: Chiyoda-ku, Tokyo, Japan		
⊠ □ Ex	Assignment	11-21-61		
4. (a) Patent Application Number(s):		4. (b) Patent Numbers:		
09/941	,867			
If this document is being filed together with a new application, the execution dates of the application are: Additional Numbers Attached.				
5.	Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:	6. Total Number of Applications and Patents Involved: 1		
Name:	Stanley P. Fisher	7. Total Fee: \$40.00 (37 C.F.R. § 3.41)		
Address:	Reed Smith Hazel Thomas LLP 3110 Fairview Park Dr. Suite 1400 Falls Church, Va. 22042	 ⊠ Enclosed. ⊠ Authorized to be charged to deposit account. 8. Deposit Account Number: 		
		08-1480 ATTACH DI PELCATE COPY OF THIS PAGE IF PAYING BY DEPOSIT ACCOUNT		
DO NOT	T USE THIS SPACE			
9.	Statement and Signature:	and correct and any attached copy is a true copy of the original		
	To the best of my knowledge and bellef, the joregoing and document.	November 21, 2001		
Stanley	P. Fisher, Registration No. 24,344	LOCA MADDITE?		
Gotal n	Total number of pages comprising cover sheet: Stanley P. Pisher, Registration 3.4 MARQUE? Registration 3.4 MARQUE?			
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PATENT REEL: 012316 FRAME: 0942

ASSIGNMENT

(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by HITACHI, LTD., a corporation organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

DRIVING CIRCUIT FOR A MAGNETIC HEAD AND MAGNETIC RECORDING APPARATUS invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fullyand entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD.

Signed on the date(s) indicated aside signatures:

RECORDED: 11/21/2001

	INVENTOR(S)	Date Signed
	(発明者フルネームサイン)	(署名日)
1)	Yasuyuki OKUMA	8/20/2001
	Yasuyuki OOKUMA Yerji Maio Konji MAIO	05/21/200/
2)	_	08/22/2001
3)	Yoichiro Kobayashi	08/22/2001
4)	Hiroyasu Yoshizawa Hiroyasu Yoshizawa	LOJONJO
5)		
6)		
7)		
8)		
9)		
10)		

PATENT REEL: 012316 FRAME: 0943