FORM PTO-1595 RECO 12	-17-1999 U.S. DEPARTMENT OF COMMERCE				
OMB No. 0651-0011 (exp. 4/94).99	Patent and Trademark Office				
Tab settings ⇒ ⇒ ♥					
To the Honorable Commissioner of Patents and 1. Name of conveying party(ies):	1225135 original documents or copy thereof. receiving party(ies):				
The state of the s					
NAKATA, Toshihiko SASAZAWA, Hideaki	Name: <u>HITACHI, LTD.</u>				
FURUSAWA, Kenji	Internal Address:				
Additional name(s) of conveying party(ies) attached? X Yes No					
3. Nature of conveyance:					
	Street Address: 6, Kanda Surugadai 4-chome,				
Security Agreement Change of Name	Chiyoda-ku, Tokyo, Japan				
Other	City: State: ZIP:				
Execution Date: November 22, 1999	Additional name(s) & address(es) attached?				
4. Application number(s) or patent number(s):					
If this document is being filed together with a new application	n, the execution date of the application is:				
A. Patent Application No.(s)	B. Patent No.(s)				
09/437,265					
05/15/1,205					
Additional numbers atta	I iched? Yes X No				
5. Name and address of party to whom correspondence					
concerning document should be mailed:	6. Total number of applications and patents involved: 1				
Name: ATSK, LLP	40.00				
	7. Total fee (37 CFR 3.41) \$ 40.00				
Internal Address:	X Enclosed				
	Authorized to be charged to deposit account				
Street Address: 1300 North 17th Street	8. Deposit account number:				
Suite 1800	01-2135				
City: Arlington State: VA ZIP: 22209	(Attach duplicate copy of this page if paying by deposit account)				
DO NOT	USE THIS SPACE				
9. Statement and signature.					
To the best of my knowledge and belief, the foregoing inform	aation is true and correct and any attached copy is a true copy of				
the original document. Melvin Kraus, Reg. No. 22,466	Muluhum December 14, 1999				
Name of Person Signing	Signature Date				
Total number of pages including cover sheet, attachments, and document:					
Mail documents to be recorded with required cover sheet information to: 12715/1999 MRARKOL 000(00065-094)37265 Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231					
(Form PTO1595Recordation Form Cover Sheet - page 1 of 3)					

Attachment to Form PTO - 1595 Recordation Form Cover Sheet

Additional Conveying Parties

MORISATO, Minako YAMAKURA, Hideo TAMURA, Toshio



PATENT REEL: 010440 FRAME: 0575

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 "METHOD FOR MEASURING DIMENSIONS AND

ALIGNMENT OF THIN FILM MAGNETIC HEAD AND APPARATUS THEREFOR "

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 fully and 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: 12/14/1999

INVENTOR(S)	Date Signed		Witnesses	
(発明者フルネームサイン)	(署名日)		(立会人サイン)	\sim
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5) Hideo Yanakura	November 2	1999	ysanje	moriyang
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7)				
8)				
9)				
10)				

PATENT REEL: 010440 FRAME: 0576