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TO THE ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, D.C. 20231

Attorney Docket: 32014-156573

OKI

REOUEST FOR RECORDING AND COVER SHEET UNDER 37 C.F.R. 3.28 AND 3.31

Please record the attached original document.

Name of party conveying the interest: 1.

Takenori HOSHINO; Masamitsu MIKI; and Yoshimi MAEHARA

Name and address of party receiving the interest: 2.

> OKI ELECTRIC INDUSTRY CO., LTD. 7-12, Toranomon 1-chome Minato-ku, Tokyo, JAPAN

09147335x

- Description of the interest conveyed or transaction to be recorded: 3.
 - [x] Assignment [] Other:
- Application Number: 4.
 - [x] Document filed together with a patent application executed respectively on December 16, 1999; December 17, 1999; and December 16, 1999 respectively
- Address correspondence concerning this request to: VENABLE 5. P.O. Box 34385, Washington, D.C. 20043-9998.
- Number of Applications, Patents or Registrations and total fee: 6. Total: \$40.00 Patents: one patent right @ \$40
- Date of execution of document: December 16, 1999; December 17, 1999; and December 16, 1999 7. Respectively
- If document is an assignment of a trademark right to an assignee who 8. is not domiciled in the United States, such assignee has designated a /2000 KHARLING 00000114 White representative

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[] per attached designation [] other:

9. To the best of knowledge and belief of the undersigned, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Date: December 28, 1999 10.

Rd+ 1/2 and Name: Robert J. Frank

RJF/njp

Reg. No. 19,112

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PATENT REEL: 010493 FRAME: 0267 ASSIGNMENT Attorney Docket

OF APPLICATION FOR UNITED STATES LETTERS PATENT WHEREAS Takenori HOSHINO Masamitsu MIKI and Yoshimi MAEHARA __ hereinafter (collectively) referred to as the assignor, has invented a certain improvement acoustic inspection method for hard disks, relating to acoustic inspection system for hard disks, and program memory with said assignor has caused an application for United States Letters Patent to be prepared [X] the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office; [] said application having been filed in the United States Patent and Trademark _____, Serial Number [if known] __ Office on [] said application having been filed under the Patent Cooperation Treaty on_ Serial No. _____, the United States of America being designated. AND WHEREAS Oki Electric Industry Co., Ltd. of 7-12, Toranomon 1-chome, Minato-ku, Tokyo, Japan hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any all divisions and continuations thereof, and the said invention and any all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made. AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof. AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith. EXECUTED, this / th day of December, 1999. ASSIGNOR: WITNESSES:

Signature: Takenon Hoshino Signature: Cheko Isuchida Name: <u>Takenori HOSHINO</u> Name: Chieko Tsuchida Address: c/o Oki Electric Industry Co., Ltd. 7-12, Toranomon 1-chome, Minato-ku, Tokyo, Japan Signature:_____

Name:_ Address:____

11

ASSIGNMENT

Attorney	Docket:	

Page 2

Title:	acoustic acoustic	inspection r	method f system f	or hard or hard	disks, disks,	and	program	_memory	medium
EXECU	TED, this _	<i>/7th</i> day of	Pec	ember	, 19	99.			
Name: Same: Same: Address:	e: \attah atoshi Han c/o Oki Elec	hasaki etric Industry Come, Minato-ku,	Name: M.	e: <u>/nase</u> asamitsu 		ki_			
Name:	9:								
WITHNESSE!	۹.	16th day of			_				
Name: Ma Address:		izu ectric Industry (ome, Minato-ku,	Name:	Yoshimi M —	AEHARA	giala	<u>, </u>		
Name:	9:								
EXECU	TED, this _	day of		,	, 19	9.			
Name:	e:		Name:	e:					
Address:									
Name:	e:								

RECORDED: 1/2/28/1999

PATENT REEL: 010493 FRAME: 0269