
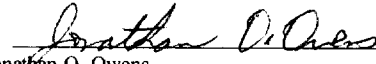


<b>FORM PTO-1595</b> (Rev. 06/93)		<b>RECORDATION FORM COVER SHEET</b> <b>PATENTS ONLY</b>		U.S. Department of Commerce Patent and Trademark Office	
CMB No. 0651-0011 (Exp. 04/94)		Attorney Docket No.: <u>SONY-24300</u>			
Assistant Commissioner for Patents Washington, D.C. 20231		<div style="font-size: 2em; font-family: cursive;">03/27/03</div>		<div style="font-size: 1.2em;">04-08-2003</div>  <div style="font-size: 1.2em; margin-top: 5px;">102412210</div>	
Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies):  Hiroshi Takeuchi  ___ Additional name(s) of conveying party(ies) attached.		2. Name and address of receiving party(ies):  SONY CORPORATION 6-7-35 Kitashinagawa, Shinagawa Tokyo, 141 JAPAN  SONY ELECTRONICS, INC. 1 Sony Drive Park Ridge, New Jersey 07656-8003  ___ Additional name(s) and address(es) attached.			
3. Nature of conveyance:  <input checked="" type="checkbox"/> Assignment                      ___ Merger ___ Security Agreement            ___ Change of Name ___ Other: _____  Execution Date: <u>March 27, 2003</u>		4. Application number(s) or patent number(s):  <input checked="" type="checkbox"/> This document is being filed together with a new application, the execution date of the application is: <u>March 27, 2003</u> ___ Patent Application Serial No.(s): filed on . ___ Patent No.(s): . ___ Additional numbers attached.			
5. Name and address of party to whom correspondence concerning document should be mailed:  Jonathan O. Owens HAVERSTOCK & OWENS LLP 162 North Wolfe Road Sunnyvale, California 94086		6. Total number of applications and patents involved: <u>1</u> .  7. Total fee(s) [37 CFR §§ 1.21(h) and 3.41]:  <input checked="" type="checkbox"/> Check(s) in the amount of \$1,126.00 (\$1,086.00 for basic filing fee plus \$40.00 assignment recordation fee) enclosed.  8. Authorization to Charge Additional Fees:  <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees or credit any overpayment associated with this communication and which may be required under 37 CFR §§ 1.21(h) and 3.41 to Deposit Account No. <u>08-1275</u> .			
9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  <div style="display: flex; justify-content: space-between;"> <div>           Dated: <u>March 27, 2003</u> </div> <div>           Signature:             Name: <u>Jonathan O. Owens</u>            Reg. No.: <u>37,902</u> </div> </div>					
Total number of pages including cover sheet, attachments, and document: <u>2</u>					

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## ASSIGNMENT

WHEREAS, I, Hiroshi Takeuchi, hereinafter referred to as "ASSIGNOR", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: VARIABLE READ OUTPUT IMPEDANCE CONTROL CIRCUIT FOR MAGNETIC MEDIA STORAGE SYSTEM

Date of Execution: \_\_\_\_\_ Filing Date: \_\_\_\_\_ Serial No.: \_\_\_\_\_

WHEREAS, SONY CORPORATION, a Japanese corporation, 6-7-35 Kitashinagawa, Shinagawa, Tokyo, 141, Japan, and SONY ELECTRONICS INC., a corporation of the State of Delaware, 1 Sony Drive, Park Ridge, NJ 07656-8003, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee, and Assignee's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this assignment and transfer not been made, to the full end and term of any Letters Patent.

Assignor further agrees that he will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has hereunto signed his name to this assignment on the date indicated below.

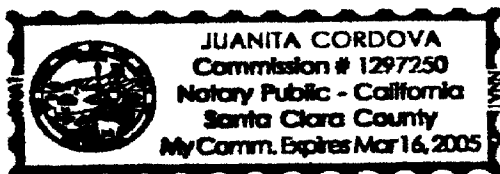
Hiroshi Takeuchi 3-27-03  
Hiroshi Takeuchi

STATE OF Calif.  
COUNTY OF San Jose

On March 27, 2003 before me, Juanita Cordova,  
personally appeared Hiroshi Takeuchi,  
☐ personally known to me - OR - ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose names are subscribed to

the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



SEAL

Juanita Cordova  
Signature of Notary Public