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1. Name of conveying party(ies):	uments or the new address(es) below. 2. Name and sourcess of receiving party(ies):			
Makoto Aoki	Name: Kabushiki Kaisha Toshiba			
Additional name(s) of conveying party(ies) attached? No Yes Nature of Conveyance:	Internal Address: Street Address: 1-1, Shibaura 1-chome, Minato-ku			
■ Assignment	City: Tokyo State: ZIP: 105-80 Country: Japan 01			
Execution Date: 12/27/05	Additional name(s)& address(es) attached? ☑ No ☐Yes ☐			
4. Application number(s) or patent number(s):	is document is being filed together with a new application			
A. Patent Application No.(s)	B. Patent No.(s)			
11/316,468	ached? ☑ No ☐ Yes ☐ 23 00			
Additional numbers atta	iched? ☑ No ☐ Yes ☐ 🙀 🕟 🕄			
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:			
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9. Statement and signature. To the best of my knowledge and belief, the foregoing is true and and and and and and and and	correct and any attached copy is a true copy of the original document			
William W. Schaal	February 8, 2006			
Name of Person Signing	Signature Date			
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Docket No. 6639P117

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PATENT REEL: 017551 FRAME: 0986 In consideration of value received, I, having a residence as stated below above my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

INFORMATION RECORDING AND REPRODUCING UNIT

sell and assign to KABUSHIKI KAISHA TOSHIBA a Japanese corporation, having a business address at 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

(check one)	[X]	executed concurrently herewith			
	[]	executed on	;		
	[]	Application No.	, filed		

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention.

I hereby grant the following law firm 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 U.S. Patent and Trademark Office for recordation of this document.

Blakely Sokoloff Taylor & Zafman, LLP, Mr. William W. Schaal 3200 Park Center Drive, Suite 700, Costa Mesa, CA 92626-7149

PATENT REEL: 017551 FRAME: 0987

ASSIGNMENT

DMG039712-USA-A (05S0787)

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Date:

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