

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Assignee's address previously recorded on Reel 020856 Frame 0292. Assignor(s) hereby confirms the 1-1, Shibaura 1-chome, Minato-ku Tokyo, Japan 105-8001.										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Manabu Shibutani</td><td>03/31/2008</td></tr><tr><td>Hiroyuki Kamio</td><td>03/31/2008</td></tr></tbody></table>		Name	Execution Date	Manabu Shibutani	03/31/2008	Hiroyuki Kamio	03/31/2008				
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<table border="1"><tr><td>Name:</td><td>KABUSHIKI KAISHA TOSHIBA</td></tr><tr><td>Street Address:</td><td>1-1, Shibaura 1-chome, Minato-ku</td></tr><tr><td>City:</td><td>Tokyo</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>105-8001</td></tr></table>		Name:	KABUSHIKI KAISHA TOSHIBA	Street Address:	1-1, Shibaura 1-chome, Minato-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	105-8001
Name:	KABUSHIKI KAISHA TOSHIBA										
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State/Country:	JAPAN										
Postal Code:	105-8001										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12047715</td></tr></tbody></table>		Property Type	Number	Application Number:	12047715						
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CORRESPONDENCE DATA											
Fax Number: (703)770-7901 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	008312-0368947										
NAME OF SUBMITTER:	E. Rico Hernandez										
Total Attachments: 5 source=Assignment#page1.tif											

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PATENT
REEL: 020945 FRAME: 0309

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TO:PILLSBURY WINTHROP SHAW PITTMAN, LLP COMPANY:P.O. BOX 10500

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.104/25/2008
500523373

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
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NAME OF SUBMITTER:	E. Rico Hernandez										
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif											

CH \$40.00 12047715

ASSIGNMENT

DAG044688-USA-A
(07S0513)

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:

RECORDING METHOD, REPRODUCING METHOD, RECORDING APPARATUS, AND
REPRODUCING APPARATUS OF DIGITAL STREAM

have sold and assigned and do hereby 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) ☒ executed concurrently herewith
☐ executed on _____ ;
☒ Application No. 12/047,715 , filed March 13, 2008 ;

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.

Pillsbury Winthrop Shaw Pittman LLP, 1650 Tysons Boulevard McLean, Virginia
22102-4859

ASSIGNMENT

DAG044688-USA-A
(07S0513)

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Manabu Shibutani
Manabu Shibutani

Mar 31, 2008
Date:

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Hiroyuki Kamio
Hiroyuki Kamio

Mar. 31, 2008
Date: