
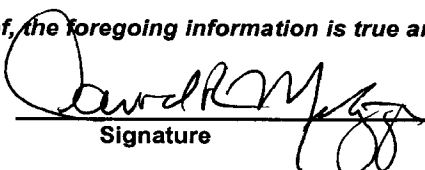


FORM PTO-1595 1/31/92	RECORD PA	10-06-2005  103094718	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof.			
1. Name of conveying party(ies) KIYOTAKA TABUCHI HIDESHI MIYAJIMA HIDEAKI MASUDA Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): Name: <u>Sony Corporation</u> Internal Address: _____ Street Address: <u>7-35, Kitashinagawa 6-chome</u> <u>Shinagawa-ku, Tokyo, Japan</u> City: _____ State: _____ Zip: _____ Additional Name(s) & Address(es) attached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other Execution Date <u>8/31/05, 9/20/05 and 9/20/05</u>		4. Application (number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> A. Patent Application No.(s) U.S. Serial No. 11/129,794 filed May 16, 2005 Attorney Docket No. 09798423-0018 </div> <div style="width: 45%;"> B: Patent No.(s) </div> </div> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed: SONNENSCHN NATH & ROSENTHAL LLP P.O. Box #061080 Wacker Drive Station Sears Tower Chicago, IL 60606-1080 Customer ID No. 26263		6. Total number of applications and patents involved <div style="text-align: right;">1</div> <hr/> 7. Total Fee (37 CFR 3.41) \$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to applicants' attorneys' American Express account. Form 2038 is attached for that purpose. <input checked="" type="checkbox"/> Any deficiency is authorized to be charged to deposit account or any additional fees 8. Deposit Account Number: <u>19.3140</u> (Attach duplicate copy of this page if paying by deposit account)	
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9. Statement and signature: <i>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.</i> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 30%;"> <u>David R. Metzger</u> Name of Person Signing </div> <div style="width: 30%; text-align: center;">  Signature </div> <div style="width: 30%; text-align: right;"> <u>September 29, 2005</u> Date Total number of pages <u>3</u> </div> </div>			
Mail documents to be recorded and required cover sheet information to: Commissioner for Patents Mail Stop Assignment Recordation Services P.O. Box 1450 Alexandria, VA 22313-1450			

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ASSIGNMENT

FOR a valuable consideration, the sufficiency and receipt of which is hereby acknowledged, the undersigned

Kiyotaka TABUCHI

whose mailing address(es) is/are:

c/o Sony Corporation

7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 JAPAN

Hideshi MIYAJIMA, Hideaki MASUDA

whose mailing address(es) is/are:

c/o Intellectual Property Division, Toshiba Corporation,

1-1, Shibaura 1-chome, Minato-ku, Tokyo JAPAN

hereby sell(s), assign(s) and transfer(s) unto Sony Corporation, a corporation of Japan, having its principal office

at 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 JAPAN, and

Kabushiki Kaisha Toshiba, a corporation of Japan, having its principal office

at 1-1, Shibaura 1-chome, Minato-ku, Tokyo JAPAN,

the whole right, title and interest in and to a certain invention or improvement in

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disclosed in an application for Letters Patent of the United States, prepared by the firm of Sonnenschein, Nath & Rosenthal of Chicago, Illinois, and executed of even date herewith, said application being identified in the office records of said firm as Case No. 09798423-0018, and in and to the United States Letters Patent therefor, when issued, together with all improvements thereon and betterments thereof, all divisions, continuations and reissues thereof and substitutions of or for said application, and all rights and privileges under the Letters Patent that may be granted therefor, including the right to claim the benefit of an earlier filing date for the same invention in a foreign country.

I/We hereby authorize and request the Commissioner of Patents to issue the Letters Patent that may be granted for said invention or improvements to said Sony Corporation and Kabushiki Kaisha Toshiba.

For the same consideration, I/we hereby agree that I/we will promptly communicate to the aforesaid assignee or its assigns full and complete information concerning said improvements or betterments of the inventions disclosed in said application, and will cooperate at any time upon request of said assignee or its assigns, at its expense, in the procurement of patent protection to cover the inventions herein assigned and to be assigned, including the execution of new, divisional, continuing and reissue applications; will make all rightful oaths, will testify in any proceedings in the United States Patent Office or in the Courts, and generally will do everything lawfully possible to aid said assignee, its successors, assigns and nominees to obtain, enjoy and enforce proper patent protection for the inventions embraced within the terms of this document.

DATE: August 31, 2005

Kiyotaka Tabuchi

Kiyotaka TABUCHI

DATE: Sep. 20, 2005

Hideshi Miyajima

Hideshi MIYAJIMA

DATE: Sp. 20, 2005

Hideaki Masuda

Hideaki MASUDA