FORM PTO-1595 U.S.	
(Rev. 6-93)	
OMB No. 0651-0011 (exp. 4/94	4

09-12-2003							
(Rev	RM PTO-1595 U.S. 7. 6-93) B No. 0651-0011 (exp. 4/94)			DEPARTMENT OF COMMERCE Patent and Trademark Office			
	To the Commission 10254962	al documents or copy thereof.					
1.	Name of conveying party(ies): Toshiyuki Takaku 5.27.07	2.	Name and addres	s of receiving party(ies) Sony Corporation			
Additional name(s) of conveying party(ies) attached? [] Yes [X] No			Internal Address:				
3.	Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other	Add	Street Address: ditional name(s) & addres	7-35, Kitashinagawa 6-Chome Shinagawa-ku, Tokyo, Japan sses(es) attached? [] Yes [X] No			
Execution Date: April 24, 2003							
	A. Patent Application No.(s)	eation, the execution date of the application is April 24, 2003 B. Patent No.(s)					
5.	Name and address of party to whom correspondence Concerning document should be mailed:		6. Total number of applications and patents involved: [1]				
2	Name: Randy J. Pritzker Address: Wolf, Greenfield & Sacks, P.C. Federal Reserve Plaza 600 Atlantic Avenue	7. Total fee (37 CFR 3.41) \$40.00 [] Enclosed [X] Authorized to be charged to deposit account 23/2825					
Boston, MA 02210 05/04/2003 SMASORRO 00000049 232825 10432841 08 FC:8081 40.00 CH			The Commissioner is authorized to charge any deficiencies in the enclosed payment to: 8. Deposit Account No: 23/2825				
DO NOT USE THIS SPACE							
9. Statement and signature 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.							
Randy J. Pritzker Kunly T.			Har	5-27-03			
	Name of Person Signing Signate	ure		Date			
	Total number of pages including cover sheet, attachments, and document: [2]						

Mail documents to be recorded with required cover sheet information to (modify as appropriate):

Mail Stop Patent Application Commissioner of Patents PO Box 1450, Alexandria, VA 22313-1450

> **PATENT** REEL: 014470 FRAME: 0897

S01459.70022.US

ASSIGNMENT

For good and valuable consideration, the sufficiency of which is hereby acknowledged, I, the undersigned, Yoshiyuki Takaku, Tokyo, Japan; hereby:

Sell, assign and transfer to Sony Corporation, a corporation of Japan having a place of business at 7-35, Kitashinagawa 6-Chome, Shinagawa-ku, Tokyo, Japan, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed as International Patent Application No. PCT/JP02/09729 on September 20,2002, and entitled COMMUNICATION METHOD, COMMUNICATION SYSTEM, AND OUTPUT EQUIPMENT and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority;

Agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee;

Request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee; and

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

April 24, 2003

Goshiyaki Takaku

Date April 24, 2003 y. t.

Yoshiyaki Takaku

RECORDED: 05/27/2003

PATENT **REEL: 014470 FRAME: 0898**