FLH Ref. No.: 450100-04953

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Kiyoaki TAKI	GUCHI		

Additional name(s) of conveying party(ies) attached? \_\_\_ Yes X No

3. Nature of conveyance:

1. Name of conveying party

- Assignment
- Security Agreement
- Merger
- Change of Name
- Other: Correction on applicant's name from "KIYOAKI, TAKIGUCHI" to -- TAKIGUCHI, KIYOAKI--.

Execution Date(s): July 5, 2005

SONY CORPORATION

7-35 Kitashinagawa 6-chome Shinagawa-Ku, Tokyo 141-0001, Japan

Additional name(s) & address(es) attached? \_\_\_ Yes

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:

A. Patent Application No. <u>10/547,064</u> filed <u>August 25, 2005</u>.

Additional numbers attached? \_\_\_Yes \_\_X\_No

6. Total number of applications and patents involve

5. Name and address of party to whom correspondence concerning document should be mailed:

WILLIAM S. FROMMER

Internal Address: FROMMER LAWRENCE & HAUG LLP

Street Address:

745 FIFTH AVENUE

City:

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7. Total fee (37 CFR 3.41) X Enclosed

Deposit account number:

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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.

William S. Frommer, Reg. No. 25,506

Name of Person Signing

May 8, 2006

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**ER SHEET** 

FROMMER LAWRENCE & HAUG LLP 745 Fifth Avenue New York, New York 10151 (212) 588-0800

Attorney Docket No. 450100-04953

	/	,				
Арı	olicant:	Takiguchi KIYOAKI				
For	:	COMMUNICATION SYSTE	EM			
U.S	S. Serial No.:	Filed Concurrently Herewith				
Coı	responding International Application. No.:	PCT/JP2004/002371				
Inte	ernational Filing Date:	February 27, 2004				
Coi P.C	il Stop PCT mmissioner for Patents b. Box 1450 xandria, VA 22313-1450					
1.	Names of Conveying Parties:	Takiguchi KIYOAKI				
2.	Names and addresses of receiving parties:	SONY CORPORATION 7-35 Kitashinagawa 6-chome Shinagawa-Ku, Tokyo 141-0				
3.	Nature of Conveyance:	Assignment				
	Execution Date(s):	July 5, 2005				
4.	☐ Application No.: ☐ This document is being filed together with a new application, the execution date of the application is: ☐ July 5, 2005					
5.	Name and address of party to whom the recorbe mailed:	ded assignment and any corres	pondence concerning the document should			
80 - 10 90 - 70 P	in this east is east of end of the	William S. Frommer Registration No. 25,506 FROMMER LAWRENCE & 745 Fifth Avenue New York, New York 10151	HAUG LLP			
6.	Total number of applications and patents invo	olved: <u>1</u>				
7.	Total Fee (37 CFR 3.41):  ☐ Fee enclosed.	\$40.00				
8.	Charge Fee Deposit Account No. 50-0320 (Attach duplicate copy of this page if paying by deposit account).					
	☐ If any additional fee is required, authorize	ation is hereby given to charge	Deposit Account No. 50-0320.			
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.					
	William S. Frommer William S.	Prai Porman	August 25, 2005			
	Name of Person Signing	Signature	Date			
		C				

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PATENT REEL: 017896 FRAME: 0655

## ASSIGNMENT

WHEREAS, I, as below named inventors, residing at the addresses stated next to our names, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in Communication System

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address:

AND WHEREAS, SONY CORPORATION, a Japanese corporation, with offices at 7-35 Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo 141-0001, Japan (hereinafter referred to ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter—American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: International Serial Number: PCT/JP2004/002371

International Filing Date: 27 February 2004

This assignment executed on the dates indicated below.

Kiyoaki TAKIGUCHI				
Name of first or sole inventor	Execution date of U.S. Patent Application			
Kanagawa, Japan	<i>i</i>			
Residence of first or sole inventor				
Kipaski Takiguchi	July 5, 2005			
Signature of first or sole inventor	Date of this assignment			
Name of second inventor	Execution date of U.S. Patent Application			
Residence of second inventor				
Signature of second inventor	Date of this assignment			
Name of third inventor	Execution data of U.S. Patent Application			
Residence of third inventor				
Signature of third inventor	Date of this assignment			

Page 1 of 1

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**RECORDED: 05/15/2006**