Bite 0.661.0227 (exp. 6303000) RECORDATION FORM COVER SHEET PATEINTS ONLY To the Director of the U.S. Patent and Trademark Office. Please record the attached documents or the new address(es) be To the Director of the U.S. Patent and Trademark Office. Please record the attached documents or the new address(es) be INTERCORDATION FORM COVER SHEET Name of conveying party(les) None of conveying party(les) INTERCORDATION Date(s): INTERCORDATION FORM COVER SHEET None of conveying party(les)/Execution Date(s): Name of conveying party(les)/Execution Date(s): INTERCORDATION FORM COVER SHEET Sony CORPORATION Interconting domain of the attached documents or the new address(es) in the context of the attached document is of the attached document interest Assignment Control Strest Address(es) Control Control Control Control Control Control Control Control Control <td c<="" th=""><th>n PTO-1595 (Rev. 09/ 0-1)</th><th>U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office</th></td>	<th>n PTO-1595 (Rev. 09/ 0-1)</th> <th>U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office</th>	n PTO-1595 (Rev. 09/ 0-1)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
The Director of the U.S. Patent and Trademark Office: Please record ine attached documents or the new address(e) be Name of conveying party(les)/Execution Data(s): WAO NAKAMURA Execution Date(s): July 10, 2007 Security Agreement [] documents of the mark address: Security Agreement [] Merger Security Agreement [] Merger Government Interest Assignment Executive Order 9424, Confirmatory License Country: Application or patent number(s): A. Patent Application No.(s) 11/879,932 Additional numbers attached? Yes X_No Additional numbers attached? Name: Dennis M. Smid, Esq. LERNER, DAVD. LITENBERG, KRUMHOLZ & MENTLIK, LLP Internal Address: Any, Dkt: Street Address: 600 South Avenue West City: Westfield State: NJ Zip: OT090 Authorized to be charged by credit card Imme: (908) 654-6474 Patent Applications and Engles Rame and address: Aby, Dkt: Street Address: GOV South Avenue West Internal Address: GOV South Avenue West	RECORDATION FORM COVER SHEET		
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PATENT REEL: 021379 FRAME: 0056

S07P1018US00 SONYJP 3.0-1426 Docket Number:

ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, 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

TELEVISION-SIGNAL RECEIVER AND RECEIVING METHOD

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 1-7-1 Konan, Minato-Ku,

Tokyo, Japan (hereinafter referenced as 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 sufficience of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by 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 assignce 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: Serial Number: _______, Filing Date: ______, July 19, 2007

This assignment executed on the dates indicated below.

Iwao NAKAMURA

Name of first or sole inventor

Saitama, Japan

Residence of first or sole inventor

Iwao Natamura_ Signature of first or sole inventor

July 10, 2007 xecution date of U.S. Patent Application

July 10, 2007 Date of this assignment

PATENT REEL: 021379 FRAME: 0057

RECORDED: 08/12/2008