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DEPARTMENT OF COMMERCE
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10-29-04

To the Commissioner for Patents : Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Hiraku Inoue, Izuru Tanaka and Hiroto Watanabe</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>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 _____</p> <p>Execution Date: October 15, 2004, October 15, 2004 and October 18, 2004, respectively</p>	<p>2. Name and address of receiving party(ies) Name: Sony Corporation Internal Address: Street Address: 7-35, Kitashinagawa 6-Chome Shinagawa-ku, Tokyo, Japan</p> <p>Additional name(s) & addresses(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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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

A. Patent Application No.(s) **10/482,974** B. Patent No.(s)

Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence Concerning document should be mailed:</p> <p>Name: Randy J. Pritzker Address: Wolf, Greenfield & Sacks, P.C. 600 Atlantic Avenue Boston, MA 02210-2206</p>	<p>6. Total number of applications and patents involved: [1]</p> <p>7. Total fee (37 CFR 3.41) \$ 40.00</p> <p><input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account</p> <p>The Commissioner is authorized to charge any deficiencies in the enclosed payment to:</p> <p>8. Deposit Account No: 23/2825</p>
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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		10-27-04
Name of Person Signing	Signature	Date

Total number of pages including cover sheet, attachments, and document: **[2]**

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ASSIGNMENT

For good and valuable consideration, the sufficiency of which is hereby acknowledged, we, the undersigned, Hiraku Inoue, Tokyo, Japan, Izuru Tanaka, Tokyo, Japan and Hiroto Watanabe, 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/JP02/06797 on July 4, 2002, and entitled **RECORDING APPARATUS AND METHOD AND COMMUNICATION APPARATUS AND METHOD**, 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, we 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 us 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 us and that full right to convey the same as herein expressed is possessed by us/me.

October 15, 2004

Date

Hiraku Inoue

Hiraku Inoue

October 15, 2004

Date

Izuru Tanaka

Izuru Tanaka

October 18, 2004

Date

Hiroto Watanabe

Hiroto Watanabe