

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| Yuji Yamaguchi | 10/31/2006 |
| Masatoshi Imai | 11/01/2006 |
| Toshiharu Noda | 11/02/2006 |
| Naosuke Asari | 11/02/2006 |
| Tomoo Mitsunaga | 11/02/2006 |
| Mitsuharu Ohki | 11/02/2006 |
| Kazumasa Ito | 11/06/2006 |
| Hidetoshi Nagano | 11/06/2006 |
| Sumito Arakawa | 11/06/2006 |
| Kei Ito | 11/06/2006 |

RECEIVING PARTY DATA

| | |
|------------------------|------------------------------|
| Name: | Sony Corporation |
| Street Address: | 7-35 Kitashinagawa |
| City: | Shinagawa-ku, Tokyo 141-0001 |
| State/Country: | JAPAN |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|----------------------------|----------|
| Application Number: | 11572331 |

CORRESPONDENCE DATA

Fax Number: (312)876-7934
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 3128768000
Email: bhannon@sonnenschein.com
Correspondent Name: Sonnenschein Nath & Rosenthal LLP
Address Line 1: PO Box 061080
Address Line 2: Wacker Drive Station, Sears Tower

OP \$40.00 11572331

Address Line 4: Chicago, ILLINOIS 60606-1080

ATTORNEY DOCKET NUMBER:

09792909-6765

NAME OF SUBMITTER:

David R. Metzger

Total Attachments: 2

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ASSIGNMENT

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

1) Yuji YAMAGUCHI, 3) Toshiharu NODA, 8) Hidetoshi NAGANO
whose mailing address(es) is/are:

c/o Sony-Kihara Research Center Inc.
1-14-10, Higashi Gotanda, Shinagawa-ku, Tokyo 141-0022 JAPAN, and

2) Masatoshi IMAI, 4) Naosuke ASARI, 5) Tomoo MITSUNAGA, 6) Mitsuharu OHKI,
7) Kazumasa ITO, 9) Sumito ARAKAWA and 10) Kei ITO
whose mailing address(es) is/are:

c/o Sony Corporation
7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 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

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

SIGNAL PROCESSING APPARATUS

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. 09792909-6765, 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.

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.

1)
DATE: October 31, 2006

Yuji Yamaguchi
Yuji YAMAGUCHI

2)
DATE: NOVEMBER 1, 2006

Masatoshi Imai
Masatoshi IMAI

3)
DATE: November 2, 2006

Toshiharu Noda
Toshiharu NODA

4)
DATE: November 2, 2006

Naosuke Asari
Naosuke ASARI

5)
DATE: November 2, 2006

Tomoo Mitsunaga
Tomoo MITSUNAGA

6)
DATE: Nov. 2, 2006

Mitsuharu Ohki
Mitsuharu OHKI

7)
DATE: November 6, 2006

Kazumasa Ito
Kazumasa ITO

8)
DATE: November 6, 2006

Hidetoshi Nagano
Hidetoshi NAGANO

9)
DATE: November 6, 2006

Sumito Arakawa
Sumito ARAKAWA

10)
DATE: November 6, 2006

Kei Ito
Kei ITO