

05-31-2002


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**PATENT IS ONLY**

FORM PTO-1595

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HEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

NORIYUKI HONDA  
 NOBUHIRO HANAI  
 MASAKAZU NAKADA

5-28-02

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

## 2. Name and address of receiving party(ies):

Name: Sony Corporation

Internal Address: \_\_\_\_\_

7-35, Kitashinagawa 6-chomeShinagawa-ku, Tokyo 141, Japan

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Additional Name(s) & Address(es) attached ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date December 11, 15 and 27, 2001

## 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)

U.S. Serial No. 09/980,024 filed November 28, 2001

Attorney Docket No. 09792486-0111

## B: Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

**SONNENSCHN NATH & ROSENTHAL**

P.O. Box #061080  
 Wacker Drive Station  
 Sears Tower  
 Chicago, IL 60606-1080  
 Customer ID No. 26263

## 6. Total number of applications and patents involved

17. Total Fee (37 CFR 3.41) ..... \$ 40.00☒ Enclosed
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## 8. Deposit Account Number:

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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.

David R. Metzger

Name of Person Signing

Signature

May 14, 2002

Date

Total number of pages

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PATENT  
 REEL: 012931 FRAME: 0580

# ASSIGNMENT

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

NORIYUKI HONDA  
NOBUHIRO HANAI  
MASAKAZU NAKADA

each of 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  
**"Electrical Connection Materials and Electrical Connection Methods"**

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. 09792486-0111, 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.

DATE: December 11, 2001 Noriyuki Honda  
 NORIYUKI HONDA

DATE: December 15, 2001 Nobuhiro Hanai  
 NOBUHIRO HANAI

DATE: December 27, 2001 Masakazu Nakada  
 MASAKAZU NAKADA