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JCS966 U.S. PTO  
09/976754  
10/12/01

TO THE ASSISTANT COMMISSIONER FOR PA.

101880782

ments or copy thereof.

1. Name of conveying party(ies): (If multiple assignors, list numerically)

- 1. Takanori Washiro
- 2. Yoichi Iso
- 3. Toshiyuki Imagawa
- 4. Minoru Oozeki

10-12-01  
09976754

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

( ) Yes (X) No

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

**Name:** The Furukawa Electric Co., Ltd.  
**Address:** 2-6-1, Marunouchi, Chiyoda-ku, Tokyo 100-8322 JAPAN

**Name:** Sony Corporation  
**Address:** 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001, JAPAN

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

( ) Yes (X) No

3. Nature of conveyance:

- (X) Assignment
- ( ) Merger
- ( ) Security Agreement
- ( ) Change of Name
- ( ) Other:

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in

- 1 above) 1. September 27, 2001
- 2. September 27, 2001
- 3. October 1, 2001
- 4. October 1, 2001

4. Application number(s) or Patent number(s):

(X) Application(s) filed herewith  
Execution Date(s): September 27, 2001

( ) Patent Application No.:  
Filing Date:

( ) Patent No.:  
Issue Date:

Additional numbers attached? ( ) Yes (X) No

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

**Name:** Raymond B. Hom  
KNOBBE, MARTENS, OLSON & BEAR, LLP  
**Customer No.** 20,995  
**Internal Address:** Sixteenth Floor  
**Street Address:** 620 Newport Center Drive  
**City:** Newport Beach **State:** CA **ZIP:** 92660  
**Attorney's Docket No.:** SUZUY4.001AUS

7. Total fee (37 CFR 1.21(h)): \$40.00

(X) Enclosed  
( ) Authorized to be charged to deposit account if any additional fees are required, or to credit any overpayment

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

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.

Raymond B. Hom  
Name of Person Signing

Raymond B. Hom  
Signature

10/12/01  
Date

44,773  
Registration No.

Total number of pages including cover sheet, attachments and document: 4

Mail documents to be recorded with required cover sheet information to:

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## ASSIGNMENT

(01S1009-1)

In consideration of value received, I, having a residence as stated below above my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

SMALL ANTENNA

sell and assign to

1. THE FURUKAWA ELECTRIC CO., LTD., a Japanese corporation, having a place of business at 2-6-1, Marunouchi, Chiyoda-ku, Tokyo 100-8322 Japan
2. Sony Corporation, a Japanese corporation, having a place of business at 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001, Japan

their successors, and assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

(check one)  executed concurrently herewith;  
 executed on \_\_\_\_\_ ;  
 Application No. \_\_\_\_\_ , filed \_\_\_\_\_ ;

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document.

Knobbee, Martens, Olson & Bear, 620 Newport Center Drive, Sixteenth Floor Newport Beach, California, 92660

## ASSIGNMENT

(01S1009-1)

[1st inventor]

Residence and mailing address: c/o THE FURUKAWA ELECTRIC CO., LTD., 2-6-1,  
Marunouchi, Chiyoda-ku, Tokyo 100-8322 Japan  
Country of Citizenship: Japan

Takanori Washiro

Takanori Washiro

September 27, 2001

Date

[2nd inventor]

Residence and mailing address: c/o THE FURUKAWA ELECTRIC CO., LTD., 2-6-1,  
Marunouchi, Chiyoda-ku, Tokyo 100-8322 Japan  
Country of Citizenship: Japan

Yoichi Iso

Yoichi Iso

September 27, 2001

Date

[3rd inventor]

Residence and mailing address: c/o Sony Corporation, 7-35, Kitashinagawa 6-chome,  
Shinagawa-ku, Tokyo 141-0001, Japan  
Country of Citizenship: Japan

Toshiyuki Imagawa

Toshiyuki Imagawa

Date

Date

[4th inventor]

Residence and mailing address: c/o Sony Corporation, 7-35, Kitashinagawa 6-chome,  
Shinagawa-ku, Tokyo 141-0001, Japan  
Country of Citizenship: Japan

Minoru Oozeki

Minoru Oozeki

Date

Date

RECORDING OFFICER:

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Beach, California, 92660

PATENT  
REEL: 012255 FRAME: 0570

## ASSIGNMENT

(01S1009-1)

[1st inventor]

Residence and mailing address: c/o THE FURUKAWA ELECTRIC CO., LTD., 2-6-1,  
Marunouchi, Chiyoda-ku, Tokyo 100-8322 Japan  
Country of Citizenship: Japan

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Takanori Washiro

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Date

[2nd inventor]

Residence and mailing address: c/o THE FURUKAWA ELECTRIC CO., LTD., 2-6-1,  
Marunouchi, Chiyoda-ku, Tokyo 100-8322 Japan  
Country of Citizenship: Japan

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Yoichi Iso

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Date

[3rd inventor]

Residence and mailing address: c/o Sony Corporation, 7-35, Kitashinagawa 6-chome,  
Shinagawa-ku, Tokyo 141-0001, Japan  
Country of Citizenship: Japan

*Toshiyuki Imagawa*

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Toshiyuki Imagawa

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October 1, 2001

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Date

[4th inventor]

Residence and mailing address: c/o Sony Corporation, 7-35, Kitashinagawa 6-chome,  
Shinagawa-ku, Tokyo 141-0001, Japan  
Country of Citizenship: Japan

*Minoru Oozeki*

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Minoru Oozeki

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October 1, 2001

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Date

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