

MAT-8415US

A/D 581-40

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PATENT ONLYForm PTO-1595  
(Rev. 10/02)  
OMB No. 0651-0027 (Exp. 6/30/2005)

09-30-2003

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents

original documents or copy thereof

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

1. Akihiko Iguchi
2. Yuki Satoh
3. Susumu Fukushima

5-30-03

102562435

## Name of receiving party(ies):

Name: Matsushita Electric Industrial Co., Ltd.  
Internal Address: \_\_\_\_\_  
Street Address: 1006, Oaza Kadoma, Kadoma-shi  
City: Osaka  
State: \_\_\_\_\_  
Zip: 571-8501  
Country: Japan

Additional name(s) of conveying party(ies) attached?  
☐ YES ☒ NOAdditional name(s) & address(es) attached? ☐ YES ☒ NO

## 3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Correction of Assignment Recordation  
(previously recorded at Reel \_\_\_\_\_, Frame \_\_\_\_\_).  
☐ Other

Execution Date: 1. May 21, 2003; 2. and 3. May 27, 2003

## 4. Application number(s) or patent number(s):

10433076

If this document is being filed together with a new application, the execution date of the application is: May 30, 2003

A. Patent Application Number(s) \_\_\_\_\_ B. Patent Number(s) \_\_\_\_\_  
Additional number(s) attached? ☐ YES ☒ NO

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

- Name: Lawrence E. Ashery  
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1007 Orange Street  
City: Suite 1100, P.O. Box 1596  
ZIP: Wilmington State: DE  
19899

6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit account number: 18-0350

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## 9. Statement and signature.

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Lawrence E. Ashery 34,515May 30, 2003

Name of Person Signing Registration No. Signature Date

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MAT-8415US

No legalization required

**ASSIGNMENT****WHEREAS, the ASSIGNOR, comprising the following named inventor(s)****Inventor(s)****ASSIGNOR(s)/  
INVENTOR(s)**

1. Akihiko Iguchi
2. Yuki Satoh
3. Susumu Fukushima
4.
5.

**has made an invention entitled: ANTENNA DEVICE AND COMMUNICATION  
EQUIPMENT USING THE DEVICE****and has executed an application for Letters Patent of the United States  
concurrently herewith;****ASSIGNEE  
(Full Name  
and address)****WHEREAS, the ASSIGNEE****Matsushita Electric Industrial Co., Ltd.****1006, Oaza Kadoma, Kadoma-shi, Osaka, 571-8501 Japan****is desirous of acquiring the entire interest in and to said invention and the Letters  
Patent to be obtained therefor,**

**NOW, THEREFORE, in consideration of the payment by ASSIGNEE to  
ASSIGNOR of a sum corresponding to One Dollar (\$1.00), and for other good  
and valuable consideration, the receipt of which is hereby acknowledged,  
ASSIGNOR, intending to be legally bound, hereby sells, assigns and transfers to  
ASSIGNEE, its successors and assigns the full and exclusive right, title and  
interest in and to said invention, all applications for Letters Patent for said  
invention, including all divisions and continuations thereof, all rights to claim  
priority based thereon, and all Letters Patent, including reissues, to be obtained  
therefor, including any and all foreign patent rights in this invention  
corresponding thereto.**

**ASSIGNOR hereby warrants that no assignment, sale, agreement or  
encumbrance has been or will be made or entered into which would conflict with  
this Assignment.**

- 2 -

ASSIGNOR agrees it shall be legally bound, upon request of the ASSIGNEE or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the ASSIGNOR has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the ASSIGNEE, and to execute all instruments proper to carry out the intent of this instrument.

If the invention requires a biological deposit, ASSIGNOR also grants to ASSIGNEE such control over any deposit made by ASSIGNOR as may be necessary to the validity of the patent rights assigned herein.

ASSIGNOR authorizes ASSIGNOR's attorney to insert at the end hereof the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney docket or file designation for this application.

If the ASSIGNOR includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

IN WITNESS WHEREOF, this Assignment is executed on the day indicated below.

|           | (Typed or Printed Name)    | (Signature)             | (Date)              |
|-----------|----------------------------|-------------------------|---------------------|
| SIGNATURE | 1. <u>Akihiko Iguchi</u>   | <u>Akihiko Iguchi</u>   | <u>May 21, 2003</u> |
|           | 2. <u>Yuki Satoh</u>       | <u>Yuki Satoh</u>       | <u>May 27, 2003</u> |
|           | 3. <u>Susumu Fukushima</u> | <u>Susumu Fukushima</u> | <u>May 27, 2003</u> |
|           | 4. _____                   | _____                   | _____               |
|           | 5. _____                   | _____                   | _____               |

PCT International Application No. PCT/JP02/09573 Filed: September 18, 2002

Application for United States Letters Patent

Serial No. \_\_\_\_\_ Filed \_\_\_\_\_,

Attorney Docket No. MAT-8415US.

Form PTO-1595  
(Rev. 10/02)  
OMB No. 0651-0027 (Exp. 6/30/2005)

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

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Wilmington State: DE  
19899

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 3.41): \$ 40.00**

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