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PATENT ONLY

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To the Honorable Commissioner

102715968

Attached original documents or copy thereof

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

1. Junichi FUKUTANI
2. ToshihiroFURUSAWA
3. Motoyoshi KITAGAWA
4. Masashi YASUDA

Additional name(s) of conveying party(ies) 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.-2. October 10, 2003;  
3. October 3, 2003; and 4. October 30, 2003

**2. Name and address of receiving party(ies):**Name: Matsushita Electric Industrial Co., Ltd.

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

Street Address: 1006, Oaza Kadoma, Kadoma-shiCity: Osaka

State: \_\_\_\_\_

Zip: 571-8501Country: JapanAdditional name(s) & address(es) attached? ☐ YES ☒ NO**4. Application number(s) or patent number(s):**

101477815

If this document is being filed together with a new application, the execution dates of the application are: October 3, 2003, October 10, 2003 and October 30, 2003

A. Patent Application Number(s) To Be Assigned

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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ZIP: 19899

**6. Total number of applications and patents involved: 1****7. Total fee (37 CFR 3.41): \$ 40.00**

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

**8. Deposit account number: 18-0350**

(Attach duplicate copy of this page if paying by deposit account.)

**DO NOT USE THIS SPACE****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.

Lawrence E. Ashery34,515November 13, 2003

Name of Person Signing

Registration No.

Signature

Date

Total Number of Pages including cover sheet, attachments and documents: 4

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

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MAT-

No legalization required

**ASSIGNMENT**

WHEREAS, the ASSIGNOR, comprising the following named inventor(s)

Inventor(s)

ASSIGNOR(s)/  
INVENTOR(s)

- |                              |                              |
|------------------------------|------------------------------|
| 1. <u>Junichi FUKUTANI</u>   | 2. <u>Toshihiro FURUSAWA</u> |
| 3. <u>Motoyoshi KITAGAWA</u> | 4. <u>Masashi YASUDA</u>     |

has made an invention entitled: HIGH-FREQUENCY SIGNAL RECEPTION APPARATUS AND MANUFACTURING METHOD THEREOF  
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.

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>Junichi FUKUTANI</u>	<u><i>Junichi Fukutani</i></u>	<u>Oct. 10, 03</u>
	2. <u>Toshihiro FURUSAWA</u>	<u><i>Toshihiro Furusawa</i></u>	<u>Oct. 10, 03</u>
	3. <u>Motoyoshi KITAGAWA</u>	<u><i>Motoyoshi Kitagawa</i></u>	<u>October 3rd, 2003</u>
	4. <u>Masashi YASUDA</u>	<u><i>Masashi Yasuda</i></u>	<u>October 30, 2003</u>

PCT International Application No. PCT/JP03/00464 Filed: January 21, 2003

Application for United States Letters Patent

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

Attorney Docket No. \_\_\_\_\_.