

02/26/00

04-13-2000

PATENT ONLY



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

1. Name of conveying party(ies):  
Kaoru Ishida, Toshio Obara, Hiraoki Kosugi, Naoki Komatsu

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  
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 Other

Execution Date: February 10, 2000

2. Name and address of receiving party(ies):  
 Name: Matsushita Electric Industrial Co., Ltd.  
 Internal Address: \_\_\_\_\_  
 Street Address: 1006, Oaza Kadoma, Kadoma-shi  
 City: Osaka State: Japan ZIP: 571-8501

Additional name(s) & address(es) attached?  YES  NO

jc511 U.S. PTO  
09/514777  
02/26/00

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: February 28, 2000

A. Patent Application Number(s) \_\_\_\_\_ B. Patent Number(s) \_\_\_\_\_

Additional number(s) attached?  YES  NO

09/514777

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

Internal Address: Ratner & Prestia

Street Address: Suite 301, One Westlakes, Berwyn,  
P.O. Box 980  
 City: Valley Forge State: PA ZIP: 19482-0980

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40  
 Enclosed  
 Authorized to be charged to deposit account

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

Allan Ratner  
 Name of Person Signing  
19,717  
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Signature

Date 2/25/00

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03/27/2000 DNGUYEN 00000209 09514777  
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No legalization required

ASSIGNMENT

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

Inventor(s)

ASSIGNOR(s)/  
INVENTOR(s)

- 1. Kaoru ISHIDA
- 2. Toshio OBARA
- 3. Hiroaki KOSUGI
- 4. Naoki KOMATSU

has made an invention entitled: POWER AMPLIFIER, POWER CONTROL METHOD FOR POWER AMPLIFIER, AND COMMUNICATION EQUIPMENT

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.  
of 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,

SIGNATURE	(Typed or Printed Name)	(Signature)	(Date)
	1. <u>Kaoru ISHIDA</u>	<u><i>Kaoru Ishida</i></u>	<u>02/10/2000</u>
	2. <u>Toshio OBARA</u>	<u><i>Toshio Obara</i></u>	<u>02/10/2000</u>
	3. <u>Hiroaki KOSUGI</u>	<u><i>Hiroaki Kosugi</i></u>	<u>02/10/2000</u>
	4. <u>Naoki KOMATSU</u>	<u><i>Naoki Komatsu</i></u>	<u>02/10/2000</u>

Application for United States Letters Patent

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

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