

A10581-40

09/701697

FORM PTO-1595
1-31-92

01-17-2001

FRONT SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

528 Rec'd PCT/PTO 01 DEC 2000



To the Honorable Commissioner of:

101584800

with the attached original documents or copy thereof.

1. Name of conveying parties:

Manabu YAMAGUCHI
Toshio OBARA

MP
12.1.01

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 571-8501

Country: Japan

Additional name(s) of conveying party(ies) attached? Yes No

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other
- Merger
- Change of Name

Execution Date: September 4, 2000, 2000

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

If this document is being filed together with a new application, the execution date of the application is: September 4, 2000

A. Patent Application No.(s)

B. Patent No.(s)

09/701697

Additional numbers attached? Yes No

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

Name: STEVENS, DAVIS, MILLER & MOSHER, L.L.P.

Internal Address: Suite 850/L9289.00116 PCT

Street Address: 1615 L Street, N.W.

City: Washington State: D.C. Zip: 20036

6. Total number of applications and patents involved: 1

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

- Enclosed (Check No. 14474)
- Any deficiencies may be charged to deposit account
- Authorized to be charged to deposit account

8. Deposit account number: 19-4375

(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.

James E. Ledbetter
Name of Person Signing
Registration No. 28,732

Signature

December 1, 2000
Date

Total number of pages including cover sheet, attachments, and document: 2

OMB No. 0651-0011 (exp. 4/94)

12/05/2000 ERIMANDO 00000087 09701697

03 FC:581

40.00 00

PATENT
REEL: 011419 FRAME: 0958

USA
ASSIGNMENT OF PATENT APPLICATION

- (1) Manabu YAMAGUCHI
- (2) Toshio OBARA
- (3) _____
- (4) _____
- (5) _____

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

- (6) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
- (6a) of 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 JAPAN
- (7) _____
- (7a) of _____

(hereinafter designated as the Assignee) the entire rights, title and interest for the United States, its territories, dependencies and possessions, and for the country of

- (8) _____ in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as

- (9) RADIO APPARATUS AND TRANSMISSION/RECEPTION METHOD
(Case No. _____)

for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed

- (10) on _____ or has already filed
- (11) U.S. appln. Serial No. _____, filed on _____

- (12) The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

- 1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining such evidence and going forward with such interference.
- 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.
- 6) The undersigned hereby grant(s) the firm of STEVENS, DAVIS, MILLER & MOSHER, L.L.P. the power to insert on this assignment any further identification which may be necessary or desirable to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

- Date September 4, 2000 Signature of Inventor (1) Manabu Yamaguchi (Seal)
- Date September 4, 2000 Signature of Inventor (2) Toshio Obara (Seal)
- Date _____ Signature of Inventor (3) _____ (Seal)
- Date _____ Signature of Inventor (4) _____ (Seal)
- Date _____ Signature of Inventor (5) _____ (Seal)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A., or (b) a U.S. Counsel if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

- Date September 4, 2000 Signature of Witness Fujio Sasaki (Seal)
- Date _____ Signature of Witness _____ (Seal)