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05-07-1999



To the Honorable Commissioner of Patents

101031020

with the original documents or copy thereof.

1. Name of conveying party(ies):

**Yu Hasegawa, Nobutaka Mochizuki, Kenichi Nishikawa, Kazuhiro Ikeda, and Syuuichi Sugawara**

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

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

Name: Matsushita Electric Industrial Co., Ltd.

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

Street Address: 1006, Kadoma, Kadoma-shi

City: Osaka 571 State: JAPAN Zip:     

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

3. Nature of Conveyance:

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

Execution Date: April 16, 1999

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:

A. Patent Application No.(s): 09/294,694

B. Patent No.(s): \_\_\_\_\_

Additional number(s) attached?  Yes  No



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

Name: Jeffrey J. Sopko

Street Address: 1200 Leader Building

City: Cleveland State: OH Zip: 44114-1401

6. Total number of applications and patents involved: 1

7. Total Fee (37 C.F.R. §3.41) ..... \$40.00

- Enclosed
- Authorized to be charged to Deposit Account

8. Deposit Account No.

16-0820, Order No. 31740

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

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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.*

Jeffrey J. Sopko  
Name of Person Signing

*Jeffrey J. Sopko*  
Signature

April 29, 1999  
Date

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

## ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in

### LOOP ANTENNA AND ANTENNA HOLDER THEREFOR

and are the subject of a patent application prepared for filing in the United States Patent and Trademark Office, and executed by the undersigned on the dates indicated below in the appropriate spaces to the left of the signatures of the undersigned, which application is further identified as Pearne, Gordon, McCoy & Granger Docket No. 31740.

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

WHEREAS, \_\_\_\_\_, a corporation of Japan,  
having a place of business at 1006, Kadoma, Kadoma-shi, Osaka 571 Japan,  
hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Pearne, Gordon, McCoy & Granger 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 United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Date I Signed  
Declaration

April 16, 1999

Today's  
Date

April 16, 1999

Yu Hasegawa

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Name: Yu HASEGAWA

\_\_\_\_\_  
Address: 1-5-3, Takata-higashi, Kohoku-ku,  
Yokohama-shi, Kanagawa 223-0065 Japan

\_\_\_\_\_  
Witness

Date I Signed  
Declaration

April 16, 1999

Today's  
Date

April 16, 1999

Nobutaka Mochizuki

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Name: Nobutaka MOCHIZUKI

\_\_\_\_\_  
Address: 2142-1, Shimotarugi, Kakegawa-shi,  
Shizuoka 436-0222 Japan

\_\_\_\_\_  
Witness

Date I Signed  
Declaration

April 16, 1999

Today's  
Date

April 16, 1999

Kenichi Nishikawa

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Name: Kenichi NISHIKAWA

\_\_\_\_\_  
Address: 4-23-20, Rokkakubashi, Kanagawa-ku,  
Yokohama-shi, Kanagawa 221-0802 Japan

\_\_\_\_\_  
Witness

Date I Signed  
Declaration

April 16, 1999

Today's  
Date

April 16, 1999

Kazuhiro Ikeda

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Name: Kazuhiro IKEDA

\_\_\_\_\_  
Address: 4-3-6, Teraoka, Izumi-ku, Sendai-shi,  
Miyagi 981-3204 Japan

\_\_\_\_\_  
Witness

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Date I Signed  
Declaration

Today's  
Date

April 16, 1999

April 16, 1999

\_\_\_\_\_  
Witness

*Syuuichi Sugawara*

\_\_\_\_\_  
Name: Syuuichi SUGAWARA

\_\_\_\_\_  
Witness

Address: 7-10-37, Kouriyama, Taihaku-ku, Sendai-shi,  
Miyagi 982-0003 Japan

\_\_\_\_\_  
Witness

Date I Signed  
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