

To the Honorable Director of P

original documents or copy thereof.

1. Name of Conveying party(ies):  
SHIMIZU, Yoshito

Name of receiving party(ies)

Name: MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

Internal  
Address:Street  
Address: 1006, Oaza Kadoma, Kadoma-shi,  
Osaka 571-8501 Japan

City: State: ZIP:

Additional names(s) and address(es) attached? Yes ☒ NoAdditional name(s) of conveying party(ies) attached? Yes ☐ No ☒

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: October 3, 2004

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: October 3, 2004

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached: Yes ☐ No ☒5. Name and address of party to whom correspondence concerning  
document should be mailed:

Name: Bruce H. Bernstein

Internal Address: P26243

Street Address: GREENBLUM &amp; BERNSTEIN, P.L.C.

1950 Roland Clarke Place

City: Reston State: VA ZIP: 20191

6. Total number of applications and patents involved: 1

7. Total Fee (37CFR 3.41): 40.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

19-0089

(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.

Bruce H. Bernstein, Reg. No. 29,027  
Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and document: 3

Mail documents to be recorded with required cover sheet information to:  
Director of the United States Patent and Trademark Office, Mail Stop Assignments  
220 20<sup>th</sup> Street S. Customer Window,  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

11/19/2004 SNAJARRO 00000125 10513792

02 FC:0021

40.00

PATENT  
REEL: 016649 FRAME: 0994

## ASSIGNMENT

WHEREAS, Yoshito SHIMIZU, a citizen of JAPAN, whose post office address is 2-13-22, Fujizuka, Kohoku-ku, Yokohama-shi, Kanagawa 222-0012 Japan, hereinafter referred to as the ASSIGNOR, has invented a certain improvement relating to

### FILTER CIRCUIT AND RADIO APPARATUS

for which he has executed, on the same date as this assignment, an application for Letters Patent for the United States to be filed in the United States Patent and Trademark Office, which is a National Stage Application of International Application No. PCT/JP03/14050, filed on November 4, 2003.

AND WHEREAS, MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., a corporation organized and existing under the laws of Japan, whose post-office address is 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNOR hereby assigns, sells and transfers to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefore, said ASSIGNEES and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNOR might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNOR hereby agrees to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNOR authorizes and requests the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEES, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNORS, on the respective date indicated below.

Yoshito Shimizu

Yoshito SHIMIZU

October 3, 2004

Date