

06-23-1998

FORM PTO-1595
P16534.P05U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

To the Honorable Commission

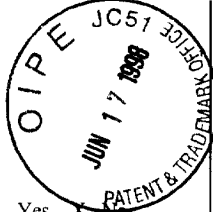
Attached original documents or copy thereof.

100744100

1. Name of Conveying party(ies):

Hideki YUKITOMO
Katsuhiko HIRAMATSU

6-17-98

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, Oaza Kadoma,Kadoma-shi, Osaka 571, JAPAN

City: _____ State: _____ ZIP: _____

Additional name(s) and address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____Execution Date: April 7 and 9, 1998

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)
09/052,976

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. BernsteinInternal Address: P16534_____
_____Street Address: GREENBLUM & BERNSTEIN, P.L.C.1941 Roland Clarke PlaceCity: Reston State: VA ZIP: 201916. Total number of applications and patents involved: 17. Total Fee (37 CFR 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)

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.

Bruce H. Bernstein, Reg. No. 29,027

Name of Person Signing

Signature

Date

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

06/22/1998 TTOM11 00000043 09052796

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40.00

documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignment

Washington, D.C. 20231

PATENT

REEL: 9250 FRAME: 0108

ASSIGNMENT

WHEREAS, Hideki Yukitomo, a citizen of Japan, whose post office address is 749-1-G564, Saedo-cho, Tsuzuki-ku, Yokohama-shi, Kanagawa 224 Japan and Katsuhiko Hiramatsu, a citizen of Japan, whose post office address is 102, Sharuman Ogawa, 4-21-4, Kurihama, Yokosuka-shi, Kanagawa 239-0831 Japan hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

ADAPTIVE TRANSMISSION DIVERSITY APPARATUS AND
ADAPTIVE TRANSMISSION DIVERSITY METHOD

for which they have filed an application for Letters Patent of the United States in the United States Patent and Trademark Office on _____ and since this Assignment is being filed after the filing date of the above-identified application, the undersigned hereby authorize and request any one of the attorneys of record in this application, including Neil F. Greenblum, Reg. No. 28,394, Bruce H. Bernstein, Reg. No. 29,02, Arnold Turk, Reg. No. 33,094, and James L. Rowland, Reg. No. 32,674, of the firm Greenblum & Bernstein, P.L.C., whose address is 1941 Roland Clarke Place, Reston, Virginia 20191, to insert here in parenthesis (Application No. 09/052,976 _____, filed April 1, 1998 _____) the application number of said application when known.

AND WHENAS, MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. organized and existing under the laws of Japan, whose post-office address is 1006, Oaza Kadoma, Kadoma-shi, Osaka 571 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 ASSIGNORS hereby assign, sell and transfer 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 therefor, said ASSIGNEE 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 ASSIGNORS might or could have held and enjoyed the same, if this assignment had ~~not been~~ made.

AND said ASSIGNORS hereby agree 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 ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

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

Hideki Yukitomo
Hideki Yukitomo

9/April/1998
Date

Katsuhiko Hiramatsu
Katsuhiko Hiramatsu

9/April/1998
Date