

07-13-1998

FORM PTO-1596 (modified)

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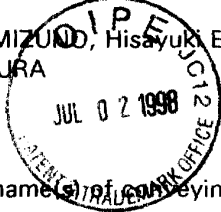
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To the Assistant Commissioner for Patents and Trademarks: Please record the attached original document(s) or copy(ies) thereof.

MRD 7-2-98

1. Name of conveying party(ies):

Osamu MIZUNO, Hisayuki ENSHU and Tohru
NAKAMURA



Additional name(s) of conveying party(ies) attached? NO

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

Name: Matsushita Electric Industrial Co., Ltd.

Street Address: 1006, Oaza Kadoma, Kadoma-shi,
OSAKA 571 JAPAN

3. Nature of conveyance:

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

Execution Date: June 5, 1998

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

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)

09/051,220

B. Patent No. (s)

Additional numbers attached? NO

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

Name: WENDEROTH, LIND & PONACK, L.L.P.

Street Address: 2033 K Street, N.W., Suite 800

City: Washington, State: DC ZIP: 20006

6. Total number of applications and patents involved: 1

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

Enclosed Check No. 29075
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8. Deposit account number: _____

(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.

Charles R. Watts, Reg. No. 33,142
Name of Person Signing

Charles R. Watts
Signature

July 2, 1998
Date

07/10/1998 DNGUYEN 00000175 09051220

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

FC:581

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Documents to be recorded with required cover sheet information to:

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THE COMMISSIONER IS AUTHORIZED TO CHARGE ANY DEFICIENCY IN THE FEE FOR THIS PAPER TO DEPOSIT ACCOUNT NO. 23-0975

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Osamu MIZUNO, Hisayuki ENSHU and Tohru NAKAMURA

Insert Name(s)
of Inventor(s)

Insert Name(s)
of Assignee(s)

Address

Title of
Invention

Date of Signing
of Application

the undersigned hereby sell(s) and assign(s) to

Matsushita Electric Industrial Co., Ltd.

of 1006, Oaza Kadoma, Kadoma-shi, OSAKA 571 JAPAN

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

TRANSDUCER SUPPORTING APPARATUS

for which an application for patent in the United States has been executed by the undersigned on

June 5, 1998

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

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.

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.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue 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.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, DC 20006, 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 Office for recordation of this document.

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

Date June 5, 1998, Name of Inventor Osamu Mizuno Osamu MIZUNO
 Date June 5, 1998, Name of Inventor Hisayuki Enshu Hisayuki ENSHU
 Date June 5, 1998, Name of Inventor Tohru Nakamura Tohru NAKAMURA
 Date _____, Name of Inventor _____
 Date _____, Name of Inventor _____
 Date _____, Name of Inventor _____

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness Toyohiko Matsuda
 Witness Toshio Makabe

ACKNOWLEDGEMENT

_____ } ss
 _____ }

This _____ day of _____, 19_____, before me
 personally came the above-named _____

to me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

SEAL _____
 _____ Official Signature
 _____ Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. 09/051,220 Filing Date April 3, 1998
 Applicant Reference Number 527676 MaM Atty Docket No. 177/527676MAM
 Title of Invention TRANSDUCER SUPPORTING APPARATUS