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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commission

101573060

original documents or copy thereto:

10015 U.S. PTO
09/734716
12/13/00

1. Name of conveying party(ies):

Koichiro MIZUSHIMA

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

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

State or Area:

Zip/Postal Code: 571-8501

Country: JAPAN

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

3. Nature of conveyance:

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

Execution Date: October 11, 2000

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

If the document is being filed together with a new application, the execution date of the application is: October 11, 2000

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached? NO

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

Name: ISRAEL GOPSTEIN, ESQ.

Internal Address:

Street Address: 1700 Diagonal Road, Suite 310

City: Alexandria State: VA ZIP: 22314

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) PTO FORM 2038 is attached in the amount of \$40.00

8. Deposit account number:

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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.

ISRAEL GOPSTEIN, REG. NO. 27,333

SignatureDec. 13, 2000
Date

Total number of pages comprising cover sheet: 2

CMB No. 0851-0011 (exp. 4/94)

12/14/2000 VYANG1 00000031 09734716

03 FC:581

40.00 OP

PATENT
REEL: 011391 FRAME: 0943

Docket No.: _____

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

Koichiro MIZUSHIMA

who has made a certain new and useful invention, hereby sells, assigns and transfers unto

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

of 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

METHOD AND APPARATUS FOR CONCURRENTLY ESTIMATING RESPECTIVE DIRECTIONS OF A PLURALITY OF
SOUND SOURCES AND FOR MONITORING INDIVIDUAL SOUND LEVELS OF RESPECTIVE MOVING SOUND SOURCES

(a) for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____; or

(b) for which an application for United States Letters Patent was executed on October 11, 2000,

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature:

INVENTOR

Koichiro Mizushima

Name: Koichiro Mizushima

DATE SIGNED

October 11, 2000