

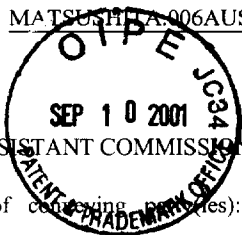
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TO THE ASSISTANT COMMISSIONER FOR P.

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ments or copy thereof.

1. Name of conveying party(ies): (If multiple assignors, list numerically)

(1) Halit S. Gokturk

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

Name: Matsushita Electric Works, Ltd.**Address:** 1048, Kadoma, Osaka, 571 Japan

Additional name(s) of conveying party(ies) attached?

() Yes (X) No

Additional name(s) of receiving party(ies) attached?

() Yes (X) No

3. Nature of conveyance:

- (X) Assignment
() Merger
() Security Agreement
() Change of Name
() Other:

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

() Application(s) filed herewith Execution Date(s):

(X) Patent Application No.: 09/862,862

Filing Date: May 22, 2001

() Patent No.:

Issue Date:

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above)

(1) August 23, 2001

Additional numbers attached? () Yes (X) No

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

Name: Yasuo Muramatsu

Muramatsu & Associates

Internal Address: Second Floor**Street Address:** 7700 Irvine Center Drive, Suite 225**City:** Irvine **State:** CA **ZIP:** 92618**Attorney's Docket No.:** MATSUSHITA.006AUS

7. Total fee (37 CFR 3.41): \$40.00

(X) Enclosed

() Authorized to be charged to deposit account

8. Deposit account number:

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

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.

Yasuo Muramatsu

Name of Person Signing

Signature

9/5/01

Date

38,684

Registration No.

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

Mail documents to be recorded with required cover sheet information to:

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Assistant Commissioner for Patents
Box Assignments
Washington, D.C. 20231

ASSIGNMENT

WHEREAS, I, **Halit S. Gokturk**, a citizen of Turkey, a resident of 1975 W. El Camino Real #102, Mountain View, CA 94040, have invented certain new and useful improvements in DUAL SIDED SELF-OSCILLATION CIRCUIT FOR DRIVING AN OSCILLATORY ACTUATOR for which I filed an application for Letters Patent in the United States Patent and Trademark Office on May 22, 2001 with the assigned application No. 09/862,862;

AND WHEREAS, **Matsushita Electric Works, Ltd.** (hereinafter "ASSIGNEE"), a Japanese corporation, with its principal place of business at 1048, Kadoma, Osaka, 571 Japan, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in the receipt of valuable consideration which is hereby acknowledged, I, the said inventors, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, his successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, his successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I will communicate to the said ASSIGNEE, his successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, his successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

This 23 day of Aug 2001



Halit S. Gokturk