

06-19-2002

RECC



102127909

Our Ref.: 461-93

Commissioner of Patents and Trademarks
Box Assignment, Washington, D.C. 20231

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Takashi YAMAMOTO
Youta IWAMOTO

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

Name: Denso Corporation
Internal Address:
Street Address: 1-1 Showa-cho Kariya-city

City: Aichi-pref.
State/Country: Japan
Zip: 448-8661

Additional name/s of conveying party/ies attached? ☐

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Assignment ☐ Change of Name
☐ Other _____

Execution Date: May 24, 2002

Additional name/s & address/es attached? ☐ Yes ☒ 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: May 24, 2002

A. Patent Application No(s).

(1) To be assigned

(2)

(3)

B. Patent No(s).

(1)

(2)

(3)

Additional numbers attached ☐ Yes ☒ No

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

Name: Larry S. Nixon

Internal Address:

Street Address: Nixon & Vanderhye P.C.
1100 North Glebe Road
8th Floor

City: Arlington State: VA Zip: 22201

6. Total number of applications & patents involved: 1

7. Total fee (37 CFR 3.41)

\$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account #14-1140

8. The Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.

DO NOT USE THIS SPACE

9. Statements 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.

Larry S. Nixon

Name of Person Signing

Reg. No. 25,640

Signature

June 11, 2002

Date

Total number of pages including original cover sheet, attachments, and document: [2]

LSN:ecb

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02 FC:581

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636609

PATENT
REEL: 012990 FRAME: 0734

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

(Insert
ASSIGNEE's
Name(s)
Address(es))

DENSO CORPORATION

1-1 SHOWA-CHO KARIYA-CITY AICHI-PREF. 448-8661 JAPAN

(hereinafter "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of
Invention)

PIEZOELECTRIC ACTUATOR AND METHOD FOR DRIVING THE SAME

relating to International Patent Application PCT/JP _____/_____ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(Insert date
of execution
of application,
if not
concurrent)

(a) executed on _____ ;
(b) filed on _____ ,
Serial No. _____ / _____ ;

(_____) is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

| | | |
|---|--|-------------------------------|
| 1) <u>Takashi Yamamoto</u> (SIGNATURE) | <u>Takashi Yamamoto</u> (TYPE NAME) | <u>May 24, 2002</u> (DATE) |
| 2) <u>Youta Iwamoto</u> (SIGNATURE) | <u>Youta Iwamoto</u> (TYPE NAME) | <u>May 24, 2002</u> (DATE) |
| 3) _____ (SIGNATURE) | _____ (TYPE NAME) | _____ (DATE) |
| 4) _____ (SIGNATURE) | _____ (TYPE NAME) | _____ (DATE) |
| 5) _____ (SIGNATURE) | _____ (TYPE NAME) | _____ (DATE) |
| 6) _____ (SIGNATURE) | _____ (TYPE NAME) | _____ (DATE) |
| 7) _____ (SIGNATURE) | _____ (TYPE NAME) | _____ (DATE) |
| 8) _____ (SIGNATURE) | _____ (TYPE NAME) | _____ (DATE) |

RECORDED: 06/11/2002

PATENT
REEL: 012990 FRAME: 0735