



Tab settings

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To the Honorable Commissioner of Patents and Trademarks original documents or copy thereof.

1. Name of conveying party(ies): Toshiaki Fukushima Kazuo Suzuki Shigeru Futakami Takashi Abe Additional name of conveying party(ies) attached? [X] Yes [] No

3.12.03

2. Name and address of receiving party(ies) Name: Citizen Watch Co., Ltd. Internal Address:

JCS82 U.S. PTO 10/2385618 03/12/03

3. Nature of conveyance: [X] Assignment [] Security Agreement [] Other [] Merger [] Change of Name Execution Date: 2/4/03; 2/4/03; 2/4/03; 2/5/03, respectively

Street Address: 1-12, Tanashicho 6-chome Nishitokyo-shi, Tokyo 188-8511 JAPAN City: State: Zip: Additional Name(s) & address(es) attached? [] Yes [X] 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: 2/4/03; 2/4/03; 2/4/03; 2/5/03; 2/5/03, respectively A. Patent Application No.(s) B. Patent No.(s)

Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Smith, Gambrell & Russell Internal Address: Street Address: 1850 M Street, N.W. Suite 800 City: Washington State: DC Zip: 20036

6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41) \$ 40 [X] Enclosed [] Authorized to be charged to deposit account 8. Deposit account number: 02-4300 (Attach duplicate copy of this page if paying by deposit account)

03/17/2003 HGUTEHA1 00000006 10385618 04 FC:8021 40.00 TIP

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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. Michael A. Makuch Signature Date: March 12, 2003

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

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

CONTINUATION OF BOX 1

Name of Conveying Party(ies)

Execution Date

Takahiro Kawada

2/5/03

ASSIGNMENT

This assignment agreement is applicable to an invention entitled (Invention Title) _____
ACTUATOR APPARATUS

The PATENT RIGHTS referred to in this agreement are:

- (check one) a patent application for this invention, executed by the ASSIGNOR(S) concurrently with this assignment.
- U.S. patent application Serial No. _____, filed _____.
 - a U.S. patent application based on PCT International Application No. _____ filed on (date) _____ (U.S. patent application Serial No. _____, if known).
 - U.S. patent No. _____, issued _____.

The PATENT RIGHTS also include all divisions, reissues, continuations and extensions of the patents and patent applications identified above.

The PATENT RIGHTS assigned under this agreement are:

- (check one) U.S. patent rights only.
- Worldwide patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any U.S. or foreign patent application for this invention.

The ASSIGNOR(S) referred to in this agreement is (or are) the inventor(s) whose signatures appear on page 2 of this Assignment and any Supplemental Sheet(s).

The ASSIGNEE referred to in this agreement is:

(Name of Assignee) Citizen Watch Co., Ltd.
(Address) 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo
188-8511 Japan

The ASSIGNEE is:

- (check one) An Individual.
- A Partnership.
 - A Corporation of Japan (specify state or country)
 - (other) _____

The ASSIGNOR(S), in consideration of \$10.00 paid by the ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, hereby assign(s) the following rights to the ASSIGNEE, its successors and assigns:

the full and exclusive right to the invention;
the entire right, title and interest in and to the PATENT RIGHTS;
the right to sue and recover for any past infringement; and,
the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable provisions, based on any earlier patent applications for this invention.

ASSIGNEE: Citizen Watch Co., Ltd.

INVENTION TITLE: ACTUATOR APPARATUS

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNORS authorize any attorneys and agents who have a power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

Toshiaki FUKUSHIMA
Name of sole or first inventor

Toshiaki Fukushima
Signature

2003/2/4
Date

Kazuo SUZUKI
Name of second inventor, if any

Kazuo Suzuki
Signature

2003/2/4
Date

Shigeru FUTAKAMI
Name of third inventor, if any

SHIGERU FUTAKAMI
Signature

2003/2/4
Date

Takashi ABE
Name of fourth inventor, if any

Takashi Abee
Signature

2003/2/5
Date

Takahiro KAWADA
Name of fifth inventor, if any

Takahiro Kawada
Signature

2003/2/5
Date

Name of sixth inventor, if any

Signature

Date

Name of seventh inventor, if any

Signature

Date

Name of eighth inventor, if any

Signature

Date

Name of ninth inventor, if any

Signature

Date