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ents:
r copy thereof.

1. Name of conveying party(ies):

Yuji AKAO
Masayuki KOIKE

12.27.02

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

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

Execution Date: December 10, 2002

2. Name and address of receiving party(ies)

Name: CITIZEN WATCH CO., LTD.

Internal Address: _____

Street Address: 1-12, Tanashicho 6-chome,

Nishitokyo-shi, Tokyo 188-8511, Japan

City: _____

State: _____ ZIP: _____

Additional name(s) & address(es) attached? Yes No

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

10312497

If this document is being filed together with a new application,
The execution date of the application is: December 10, 2002

A. Patent Application No. (s)

B. Patent No. (s)

Additional numbers attached? Yes No

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

Name: Kent E. Baldauf, Sr.

Internal Address: Webb Ziesenheim Logsdon

Orkin & Hanson, P.C.

Street Address: 700 Koppers Building

436 Seventh Avenue

City: Pittsburgh State: PA ZIP: 15219-1818

6. Total number of applications and patents involved: 1

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

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

(Attach triplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

Richard L. Byrne, Reg. No. 28,498

Name of Person Signing

Signature

December 27, 2002

Date

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

Mail documents to be recorded with required cover sheet information to:
Assistant Commissioner for Patents, U.S. Patent and Trademark Office
Office of Public Records, Crystal Gateway 4, Room 335
Washington, D.C. 20231

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PATENT
REEL: 013732 FRAME: 0113

ASSIGNMENT

WHEREAS, We, Yuji AKAO
 and Masayuki KOIKE, residing
 in c/o CITIZEN WATCH CO., LTD., 1-12, Tanashicho 6-chome, Nishitokyo-shi,
Tokyo 188-8511, Japan, respectively,
 have invented certain new and useful improvements entitled ***
PEAK-TORQUE DESCENDING COMPOSITION, COMPONENT HAVING SLIDING PORTION USING THE
 for which we have this day executed an application for United
 States Letters Patent;

AND, WHEREAS CITIZEN WATCH CO., LTD., a
 corporation of Japan, having a
 place of business at 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511,
 hereinafter called the "assignee", is desirous of acquiring the Japan
 entire right, title, and interest in and to said application and
 the inventions and improvements therein disclosed.

NOW, THEREFORE, in consideration of One (\$1.00) Dollar
 and other good and valuable consideration paid to us by said
 assignee, the receipt of which is hereby acknowledged, we do
 hereby assign, sell, transfer, and set over unto said assignee
 the entire right, title and interest in and to said application
 and the inventions and improvements therein disclosed for the
 United States and all foreign countries and any Letters Patent
 which may issue therefor in the United States and all foreign
 countries and all divisions, reissues, continuations, renewals,
 and/or extensions thereof, said assignee to have and to hold the
 interests herein assigned to the full ends of the terms of said
 Letters Patent and any and all divisions, reissues,
 continuations, renewals, and/or extensions thereof, respectively,
 as fully and entirely as the same would have been held and
 enjoyed by us had this assignment not been made.

The Commissioner of Patents and Trademarks is requested
 to issue such Letters Patent in accordance herewith. We covenant
 that we are the lawful owners of the said application,
 inventions, and improvements, that the same are unencumbered,
 that no license has been granted to make, use, or vend the said
 inventions or improvements or any of them, and that we have the
 full right to make this assignment.

And for the consideration aforesaid, we agree jointly
 and individually that we will communicate to said assignee or the
 representatives thereof any facts known to us respecting said
 inventions and improvements, and will, upon request, but without
 expense to us, testify in any legal proceedings, sign all lawful
 papers, execute all divisional, reissue, continuation, renewal,
 and/or extension applications, make all rightful oaths, and
 generally do all other and further lawful acts, deemed necessary
 or expedient by said assignee or by counsel for said assignee, to
 assist or enable said assignee to obtain and enforce full
 benefits from the rights and interests herein assigned. This
 assignment shall be binding upon our heirs, executors,

 COMPOSITION AND PRESS FIT METHOD USING THE COMPOSITION

administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.

EXECUTED December 10th, 2002.

Yuji Akao

Yuji AKAO

Masayuki Koike

Masayuki KOIKE

Tatsuo Nitta

Witness

Masao Mafune

Witness