



US00D505659S

(12) **United States Design Patent** (10) **Patent No.:** **US D505,659 S**
Nagai et al. (45) **Date of Patent:** **** May 31, 2005**

(54) **MOTION CONVERTER**

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(73) Assignee: **SMCCorporation**, Tokyo (JP)

(**) Term: **14 Years**

(21) Appl. No.: **29/201,076**

(22) Filed: **Mar. 8, 2004**

(30) **Foreign Application Priority Data**

Sep. 9, 2003 (JP) 2003-026288

(51) **LOC (7) Cl.** **13-02**

(52) **U.S. Cl.** **D13/110**

(58) **Field of Search** D13/101, 110,
D13/112, 118, 184, 199; 73/864.34; 74/25,
89, 57, 58, 108, 198; 123/90.1, 90.25; 310/80,
103; 318/9; 476/50, 54

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,930,415 A * 1/1976 Hoganson 74/84 R

4,203,328 A * 5/1980 DeBoynton 74/25
4,324,148 A * 4/1982 Sildve 74/108
4,509,379 A * 4/1985 Westmoreland 74/58
5,472,388 A * 12/1995 Lee et al. 476/54
6,244,228 B1 * 6/2001 Kuhn et al. 123/90.1

* cited by examiner

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Assistant Examiner—Daniel Bui

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(57) **CLAIM**

The ornamental design for a motion converter, as shown and described.

DESCRIPTION

FIG. 1 shows a front view of a motion converter showing my new design;

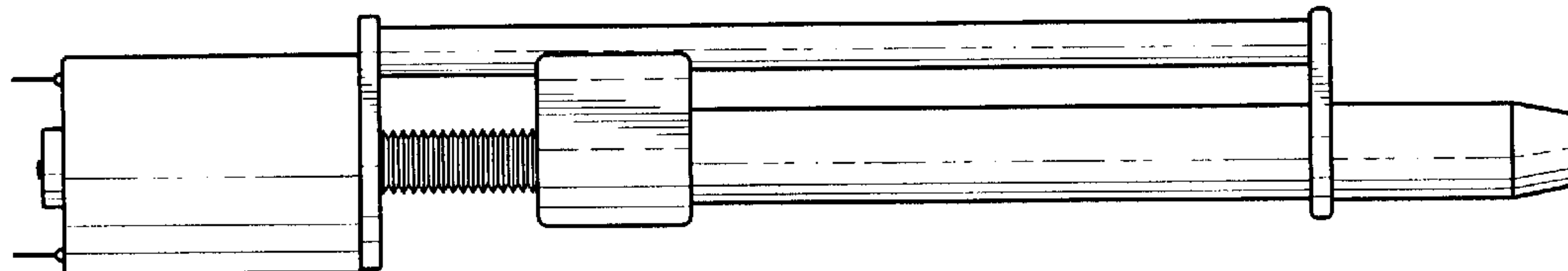
FIG. 2 shows a top view thereof;

FIG. 3 shows a bottom view thereof;

FIG. 4 shows a right side view thereof; and,

FIG. 5 shows a left side view thereof.

1 Claim, 1 Drawing Sheet



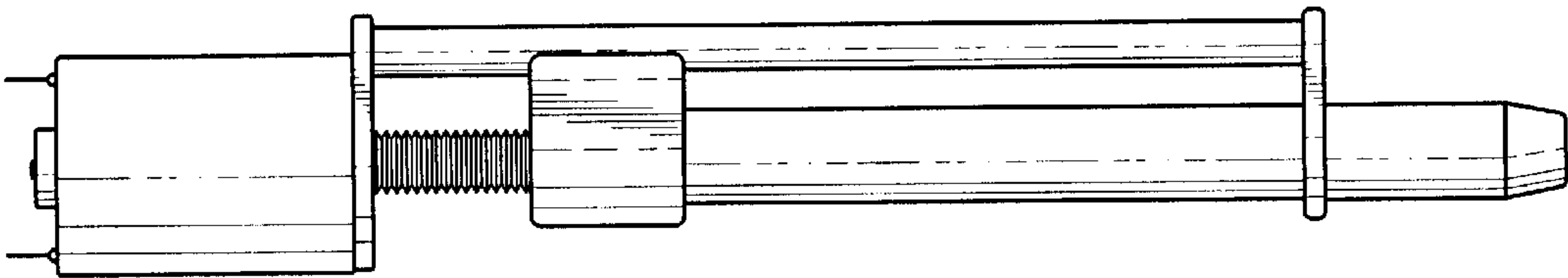


FIG. 1

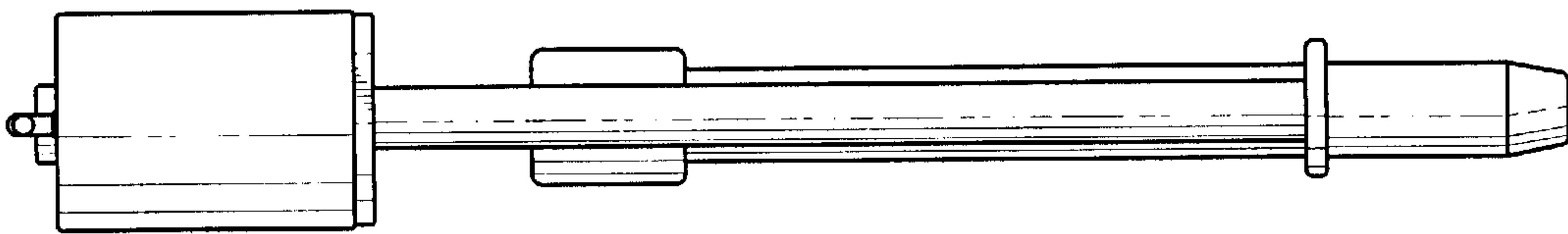


FIG. 2

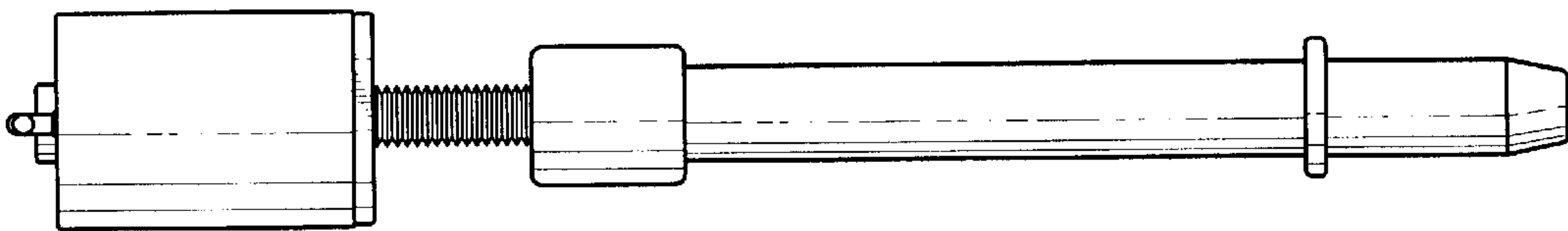


FIG. 3

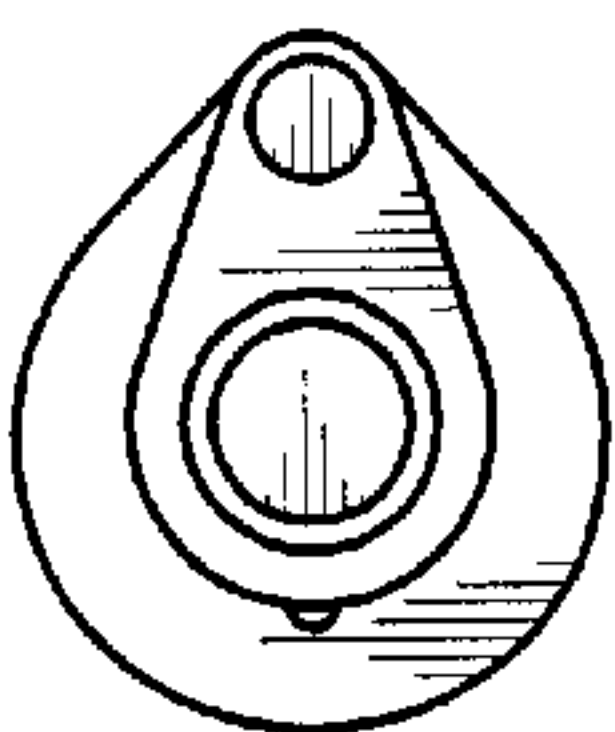


FIG. 4

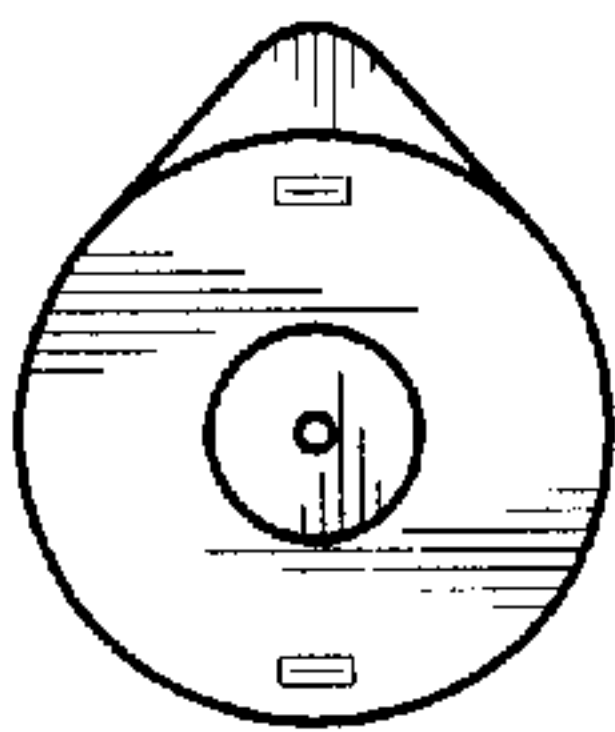


FIG. 5

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : Des. 505,659 S
DATED : May 31, 2005
INVENTOR(S) : Shigekazu Nagai et al.

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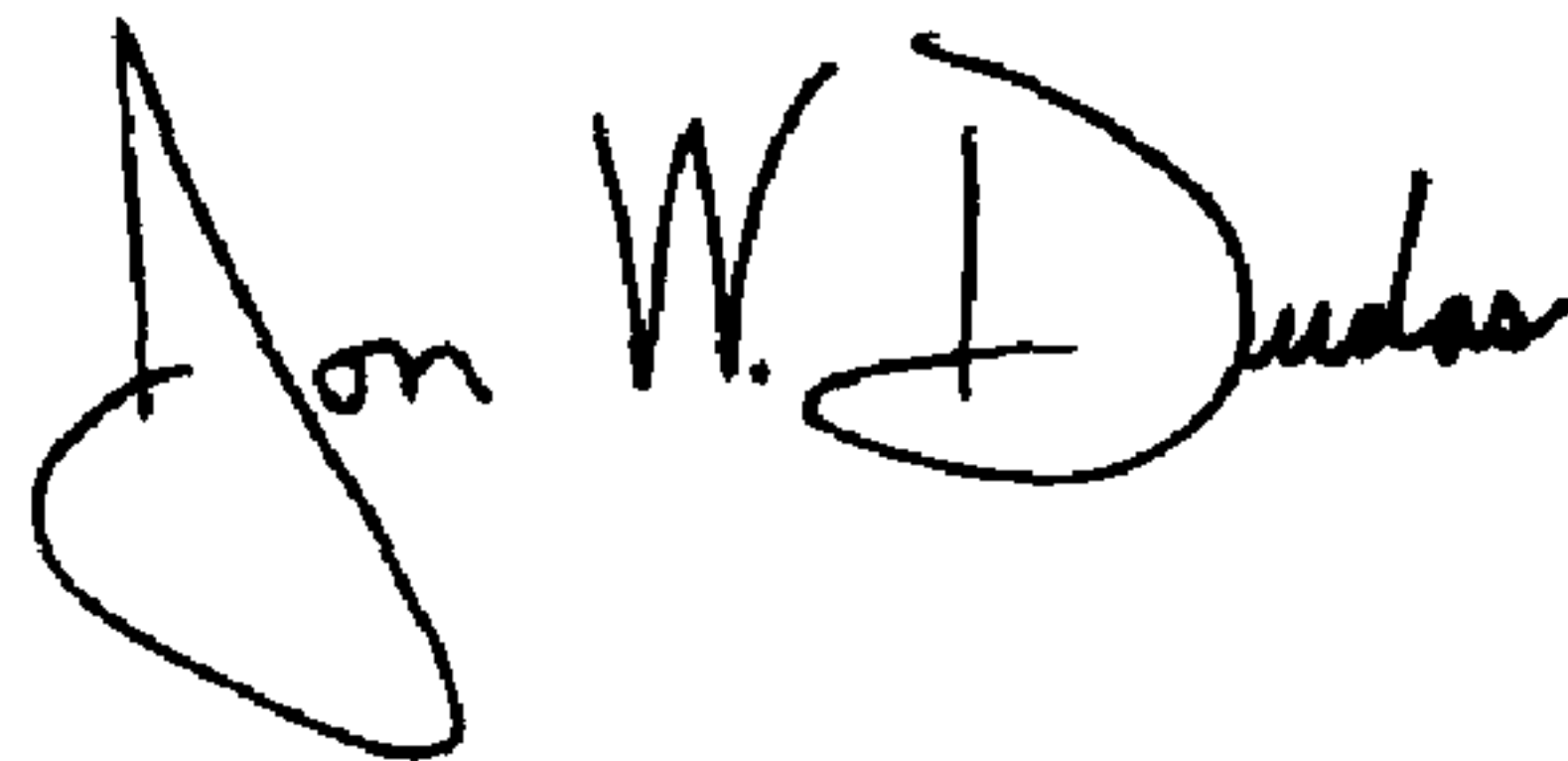
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page,

Item [73], Assignee, please delete “**SMCCorporation**” and insert therefor -- **SMC Corporation** --.

Signed and Sealed this

Twenty-seventh Day of September, 2005

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized, with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS

Director of the United States Patent and Trademark Office