



US00D909157S

(12) **United States Design Patent**  
**Dirnbeck**

(10) **Patent No.:** **US D909,157 S**

(45) **Date of Patent:** **\*\* Feb. 2, 2021**

(54) **TIRE AND WHEEL LIFT AND ROTATIONAL ALIGNER**

(71) Applicant: **Edwin J. Dirnbeck**, St. Louis, MO (US)

(72) Inventor: **Edwin J. Dirnbeck**, St. Louis, MO (US)

(\*\*) Term: **15 Years**

(21) Appl. No.: **29/733,875**

(22) Filed: **May 7, 2020**

(51) **LOC (13) Cl.** ..... **08-05**

(52) **U.S. Cl.**  
USPC ..... **D8/14**

(58) **Field of Classification Search**  
USPC ..... D8/14, 21, 51, 31, 88, 89  
CPC ... B60G 21/045; B60B 29/001; B60B 29/002;  
B60B 37/00; Y10T 29/53922  
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 1,494,269 A \* 5/1924 Meyers ..... B60B 29/001  
29/273
- 1,975,773 A \* 10/1934 Davis ..... B60B 29/001  
29/273
- 2,770,873 A \* 11/1956 Ramsey ..... B60B 29/001  
29/273
- 3,036,482 A \* 5/1962 Kenworthy ..... B25D 3/00  
173/90
- 3,389,453 A \* 6/1968 Tarter ..... B60B 29/001  
29/273
- 4,602,415 A \* 7/1986 Garcia ..... B60B 29/001  
29/273
- 5,022,133 A \* 6/1991 Weitekamp ..... B60B 29/001  
29/273

- 5,180,141 A \* 1/1993 Hunt ..... B60B 29/001  
254/131
- D343,997 S \* 2/1994 Smith ..... D8/14
- D347,971 S \* 6/1994 Krugman ..... D7/607
- 5,367,732 A 11/1994 Suggs
- 5,479,692 A \* 1/1996 Barkus ..... B60B 29/001  
29/273
- D367,212 S \* 2/1996 Blacha ..... D8/14
- D374,158 S \* 10/1996 Harris, Jr. .... D8/51
- 5,562,389 A 10/1996 Mitchell
- 6,341,411 B1 \* 1/2002 Lower ..... B60B 29/001  
29/273
- D622,567 S \* 8/2010 Maldonado ..... D8/31
- 9,440,491 B1 9/2016 Belliveau
- D864,799 S \* 10/2019 Colletti ..... D12/160

FOREIGN PATENT DOCUMENTS

CA 2105036 A1 2/1995

\* cited by examiner

*Primary Examiner* — Philip S Hyder

(74) *Attorney, Agent, or Firm* — Grace J. Fishel

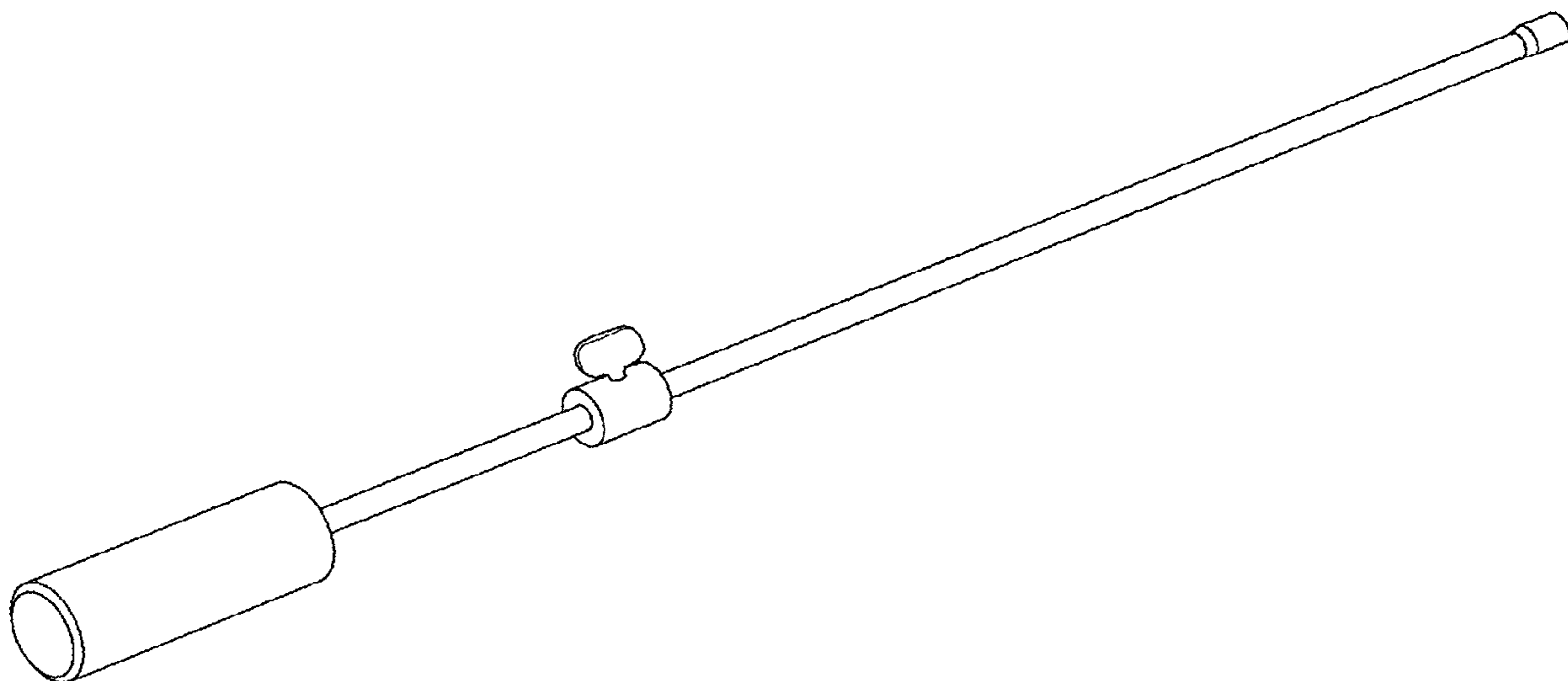
(57) **CLAIM**

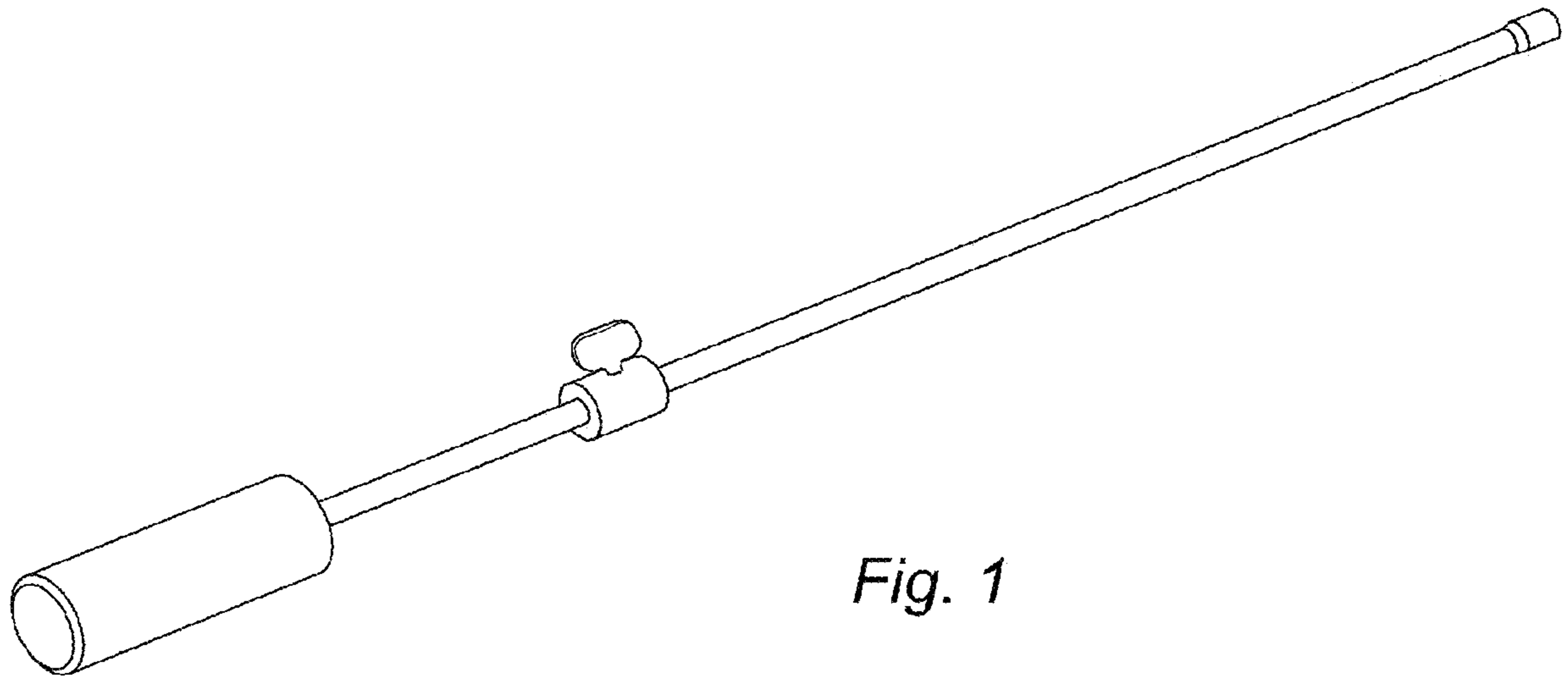
The ornamental design for a tire and wheel lift and rotational aligner, as shown.

**DESCRIPTION**

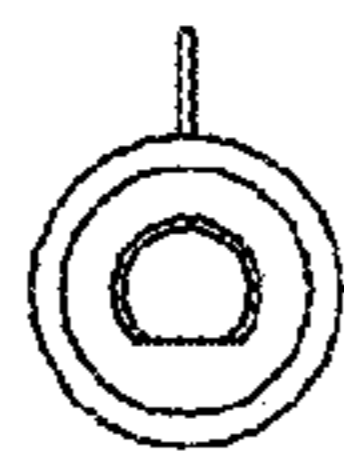
FIG. 1 is a perspective view of a tire and wheel lift and rotational aligner showing my new design;  
FIG. 2 is a front end view thereof;  
FIG. 3 is a back end view thereof;  
FIG. 4 is top plan view thereof,  
FIG. 5 is a right side elevation thereof, the left side being a mirror image; and,  
FIG. 6 is a bottom plan view thereof.

**1 Claim, 2 Drawing Sheets**





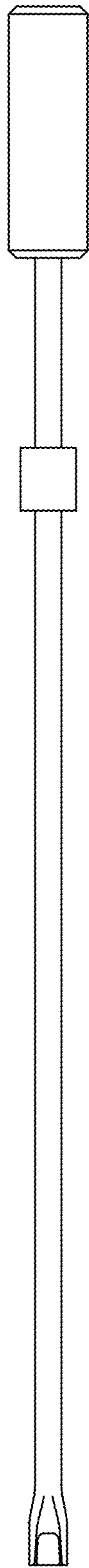
*Fig. 1*



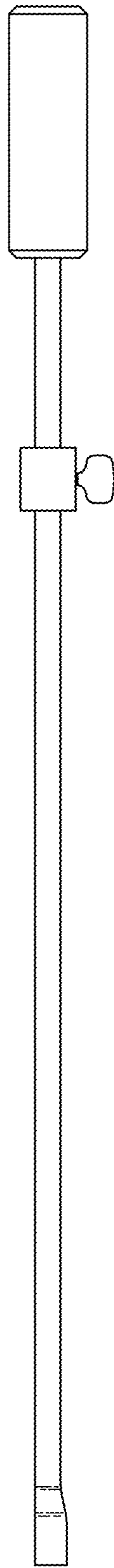
*Fig. 2*



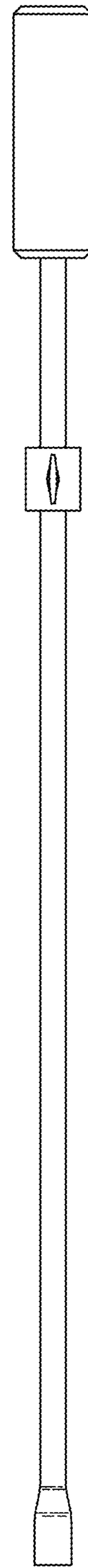
*Fig. 3*



*Fig. 4*



*Fig. 5*



*Fig. 6*