



US00D455818S

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

(10) **Patent No.:** **US D455,818 S**

(45) **Date of Patent:** **** Apr. 16, 2002**

(54) **OIL EXTRACTOR FOR VEHICLE ENGINES**

5,275,200 A 1/1994 Yamamoto
5,493,660 A * 2/1996 Kamezawa 251/96

(75) Inventor: **Yamamoto Naoyuki, Miura-gun (JP)**

* cited by examiner

(73) Assignee: **Fumoto Giken Co., Ltd. (JP)**

Primary Examiner—Robin V. Taylor

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

(74) *Attorney, Agent, or Firm*—Norris, McLaughlin, & Marcus

(21) Appl. No.: **29/134,847**

(57) **CLAIM**

(22) Filed: **Dec. 29, 2000**

The ornamental design for oil extractor for vehicle engines, as shown and described.

(30) **Foreign Application Priority Data**

Jul. 5, 2000 (JP) 2000-018492

DESCRIPTION

(51) **LOC (7) Cl.** **23-01**

FIG. 1 is a front elevational view of the design for oil extractor for vehicle engines;

(52) **U.S. Cl.** **D23/245**

FIG. 2 is a rear elevational view thereof;

(58) **Field of Search** D23/233–237,
D23/244, 245; 251/96, 98, 288; 137/315.2,
315.37

FIG. 3 is a right side elevational view thereof;

FIG. 4 is a left side elevational view thereof;

FIG. 5 is a top plan view thereof;

FIG. 6 is a bottom plan view thereof;

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,512,052 A * 6/1950 Brown 251/98
D198,428 S * 6/1964 Cordis et al. D23/245
4,078,763 A 3/1978 Yamamoto

FIG. 7 is a sectional view taken on line A—A of FIG. 1;

FIG. 8 is a sectional view taken on line B—B of FIG. 4;

FIG. 9 is a top perspective view thereof; and,

FIG. 10 is an exploded perspective view thereof.

1 Claim, 6 Drawing Sheets

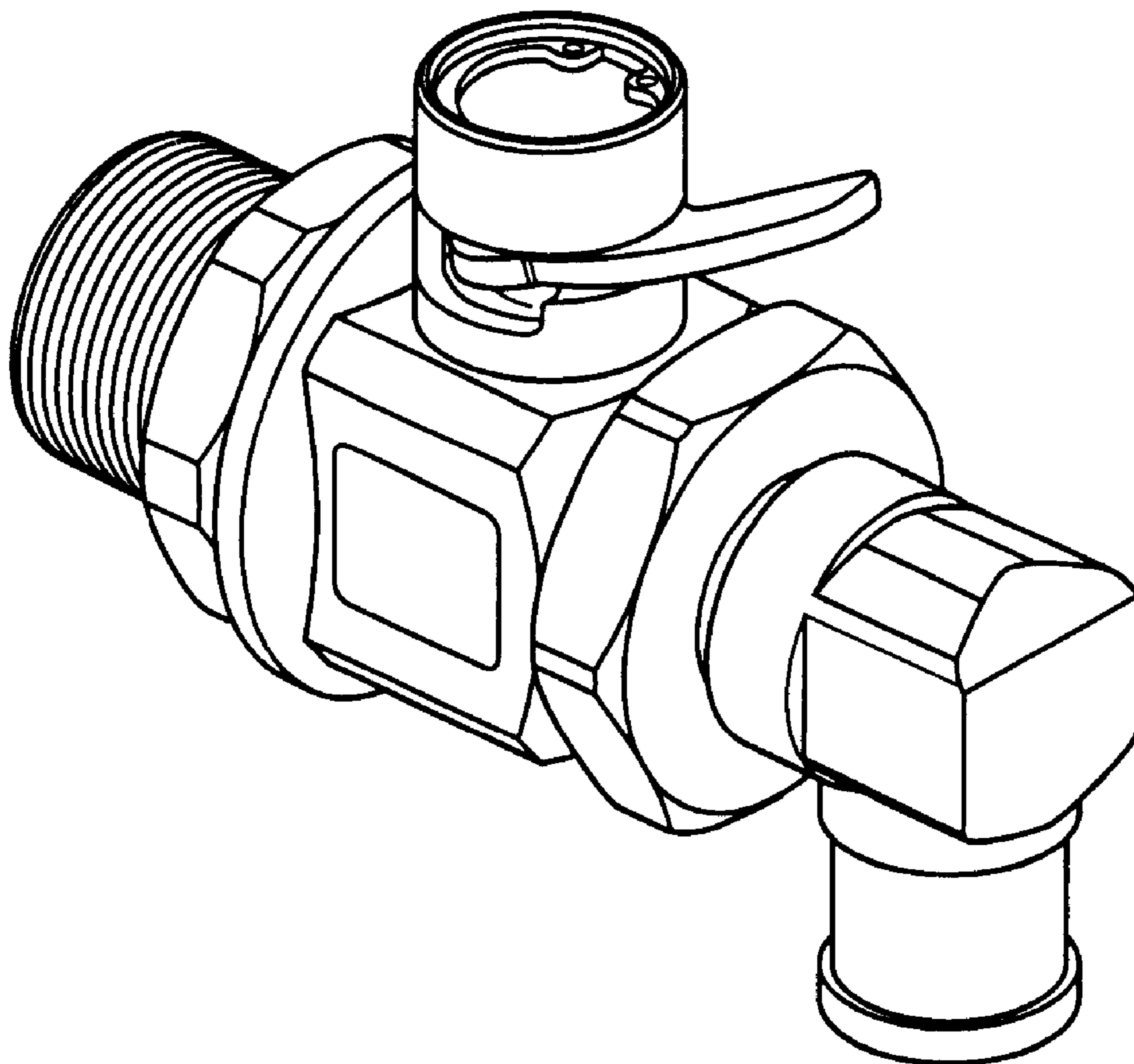


Fig. 1

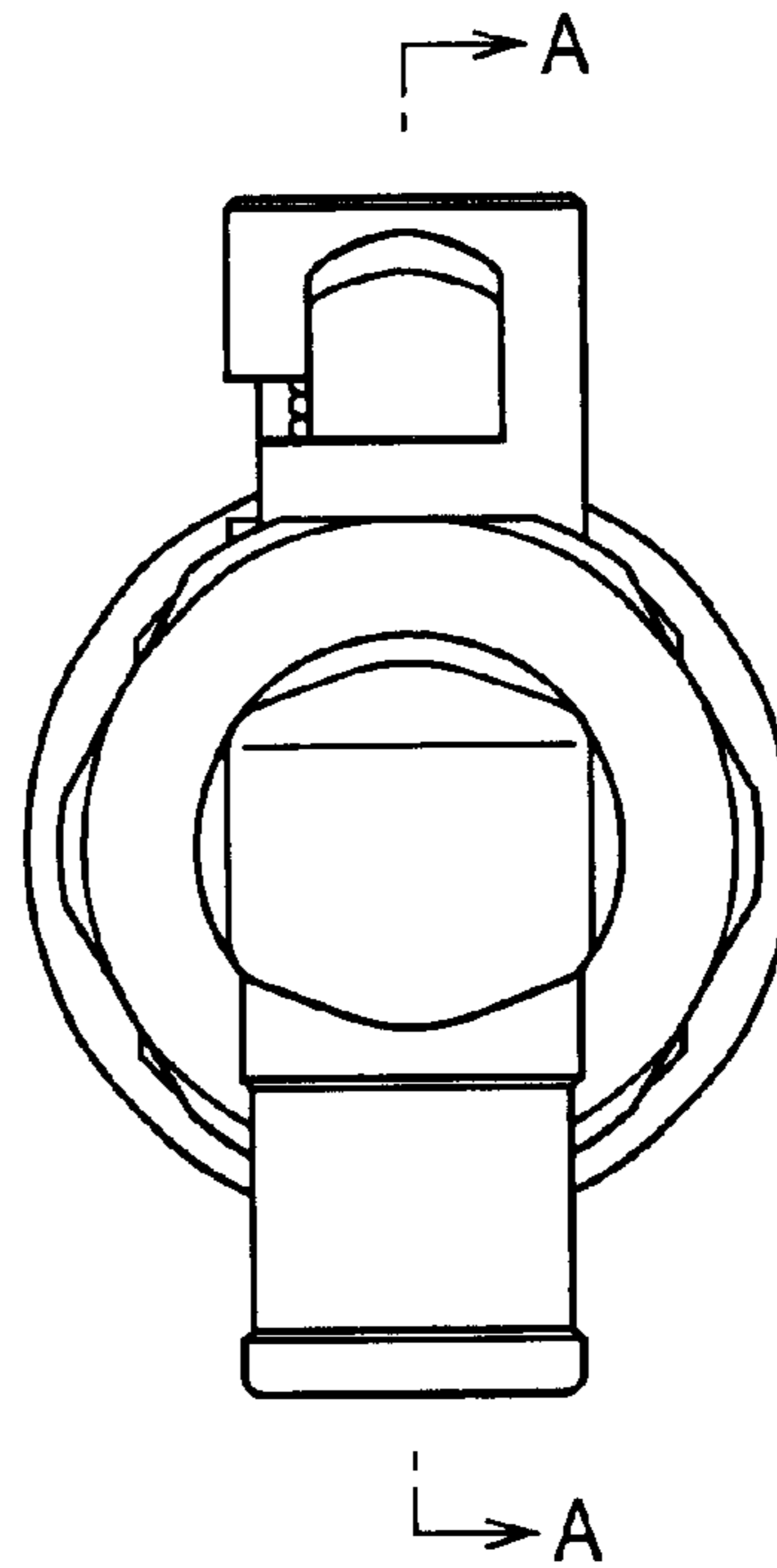


Fig. 2

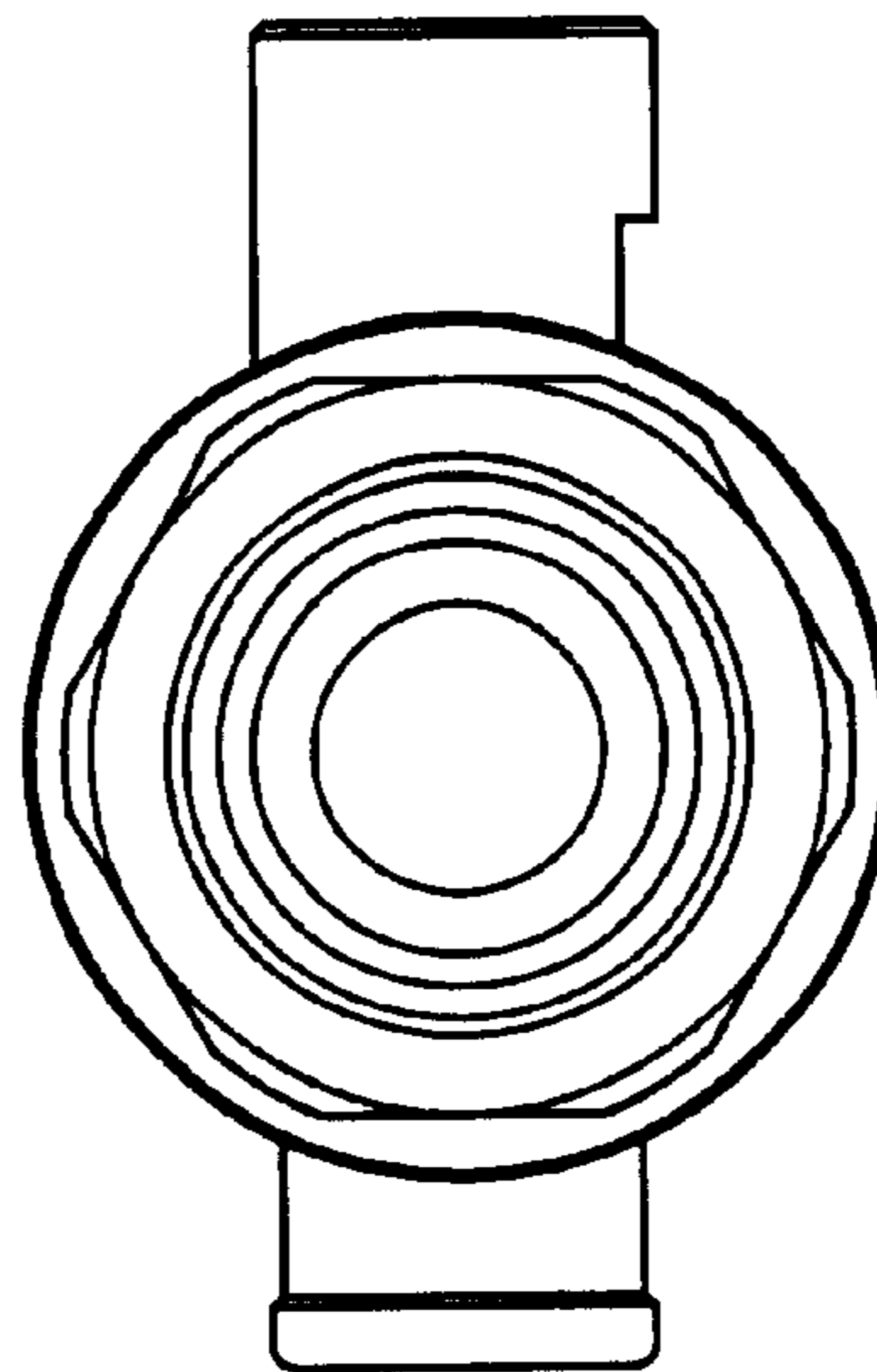


Fig. 3

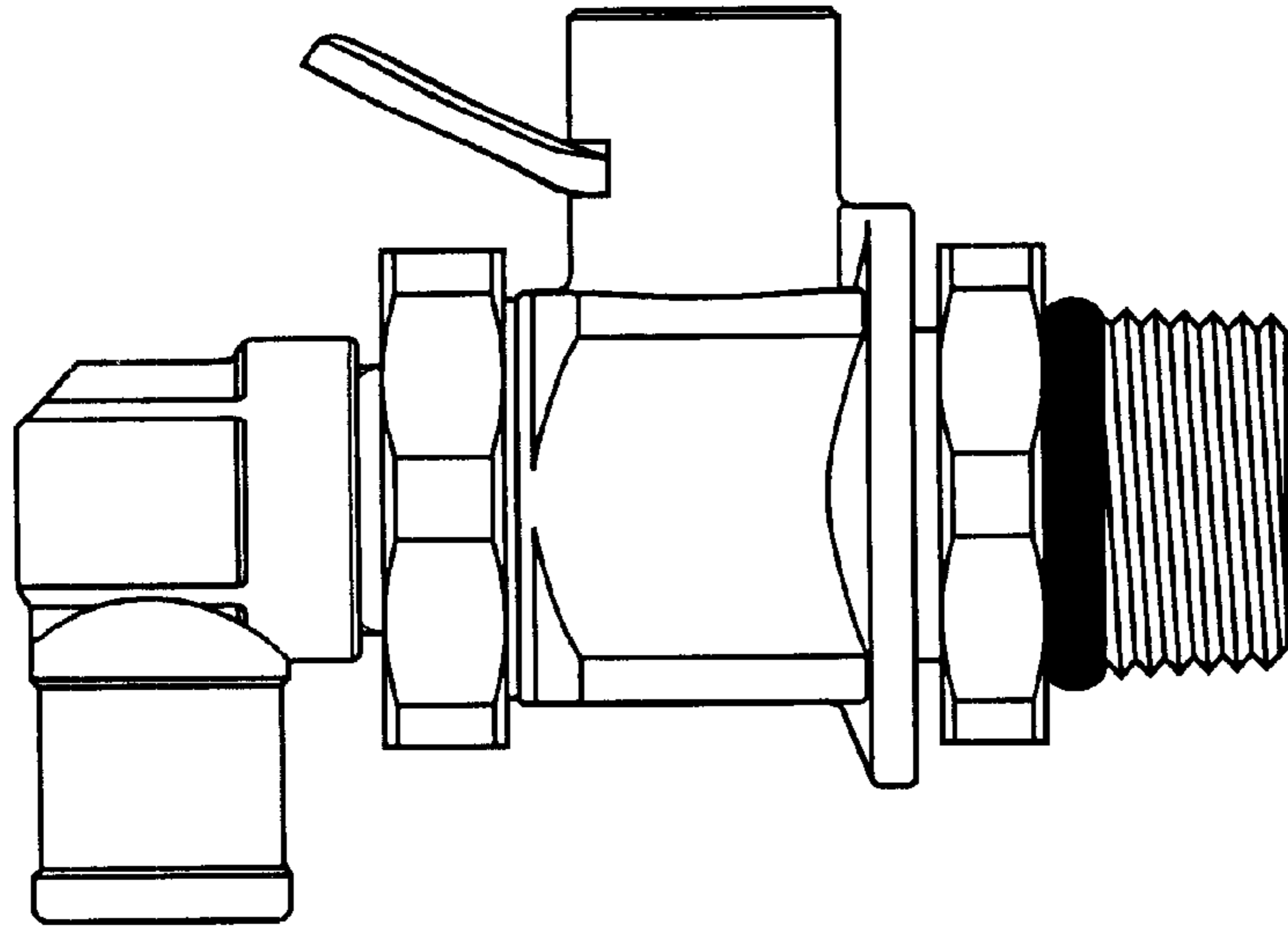


Fig. 4

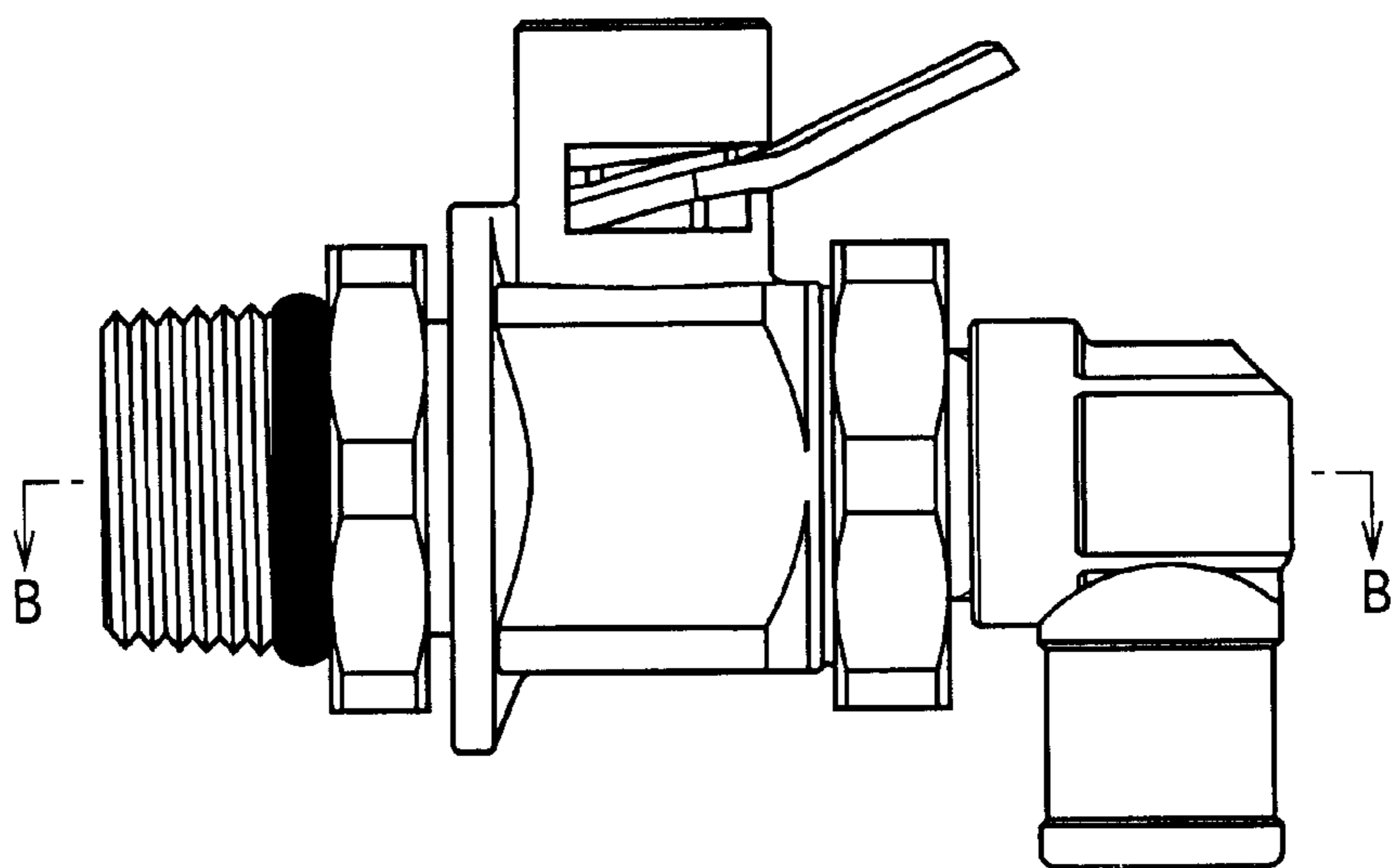


Fig. 5

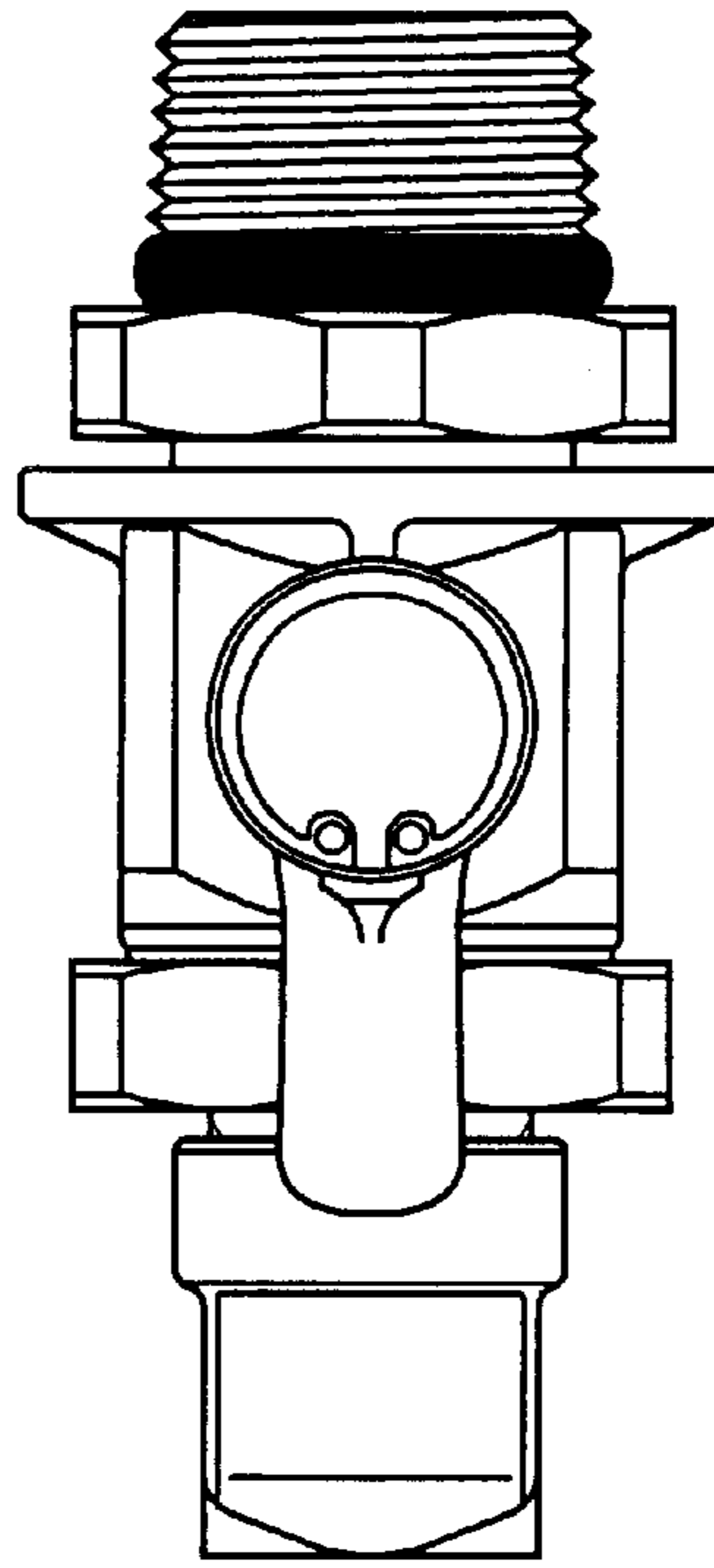


Fig. 6

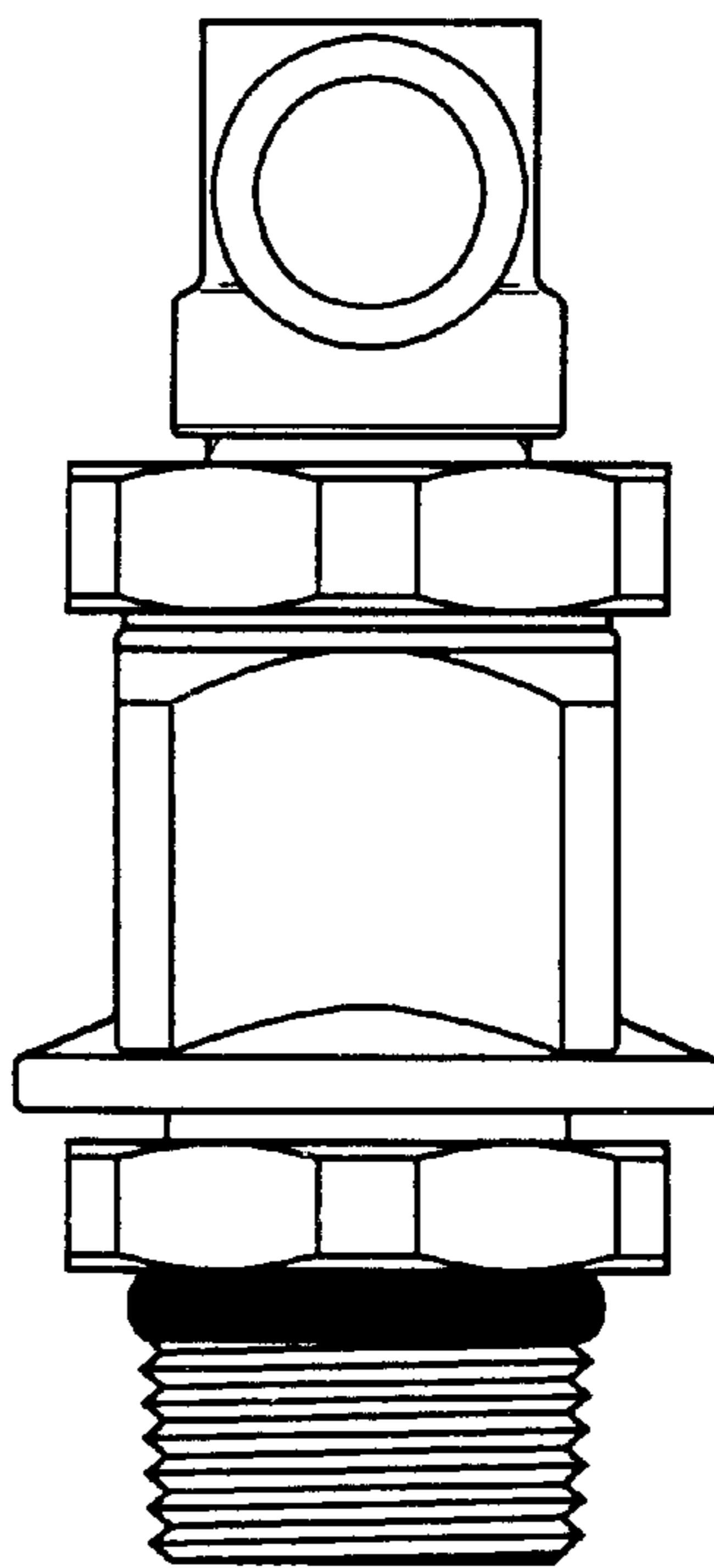


Fig. 7

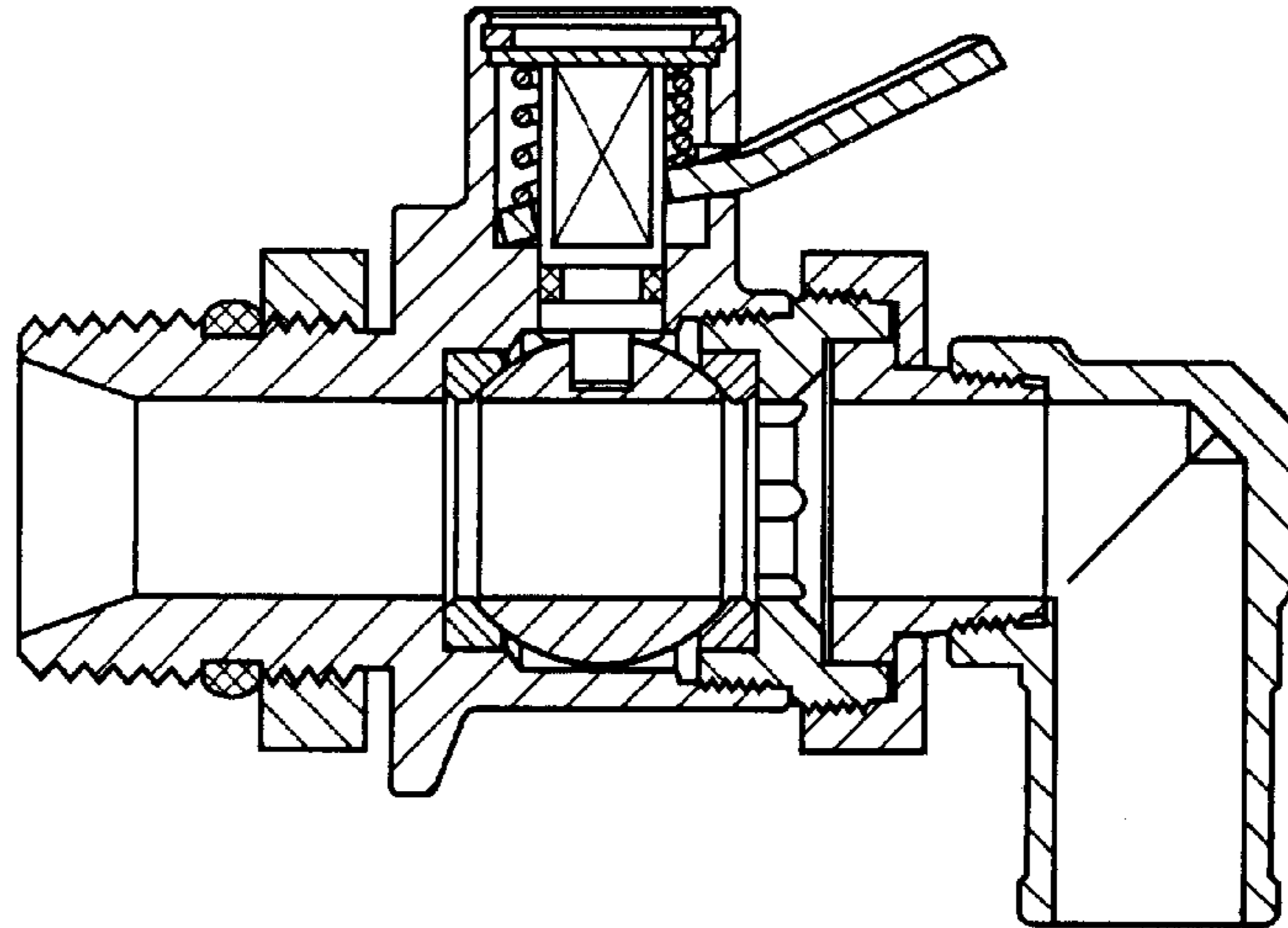


Fig. 8

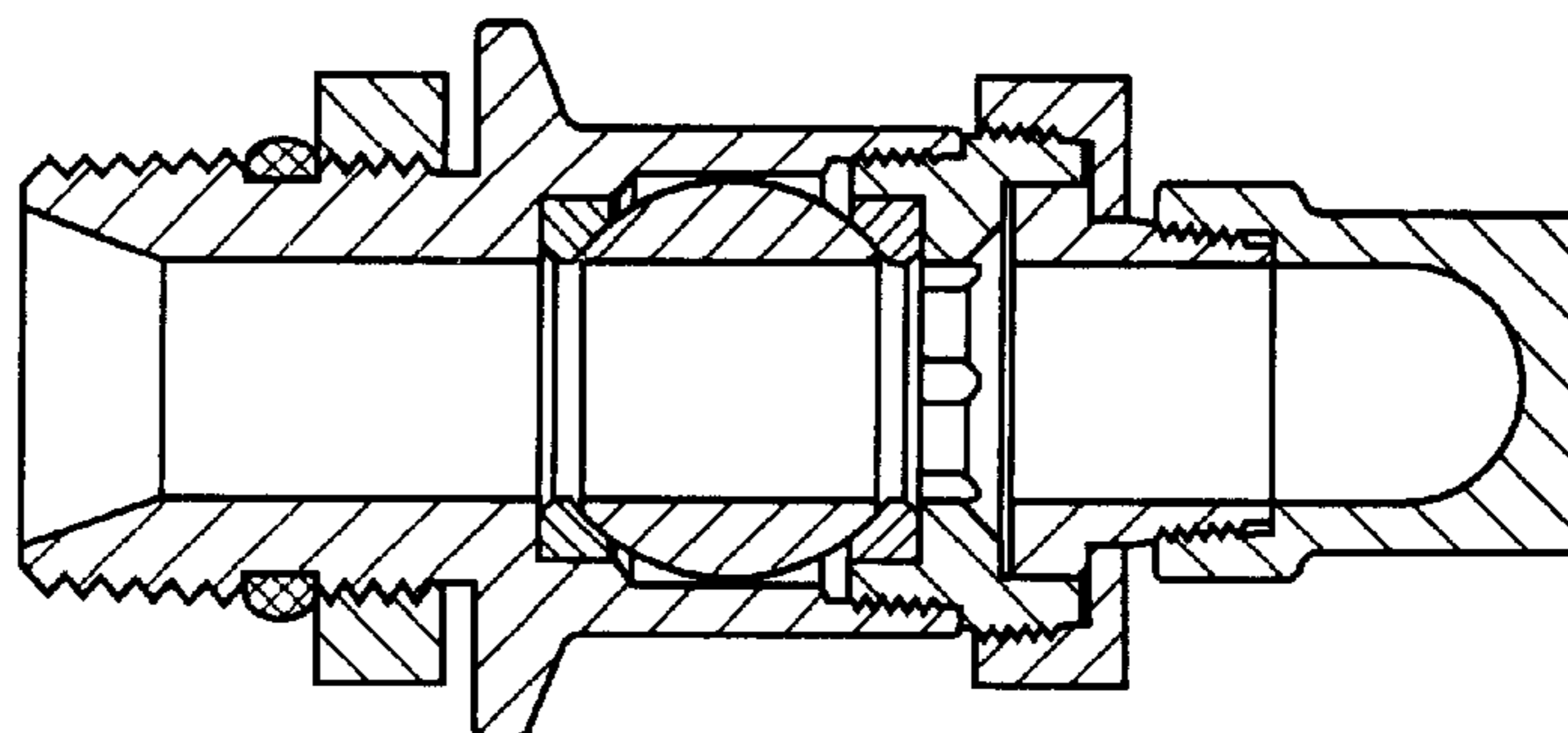
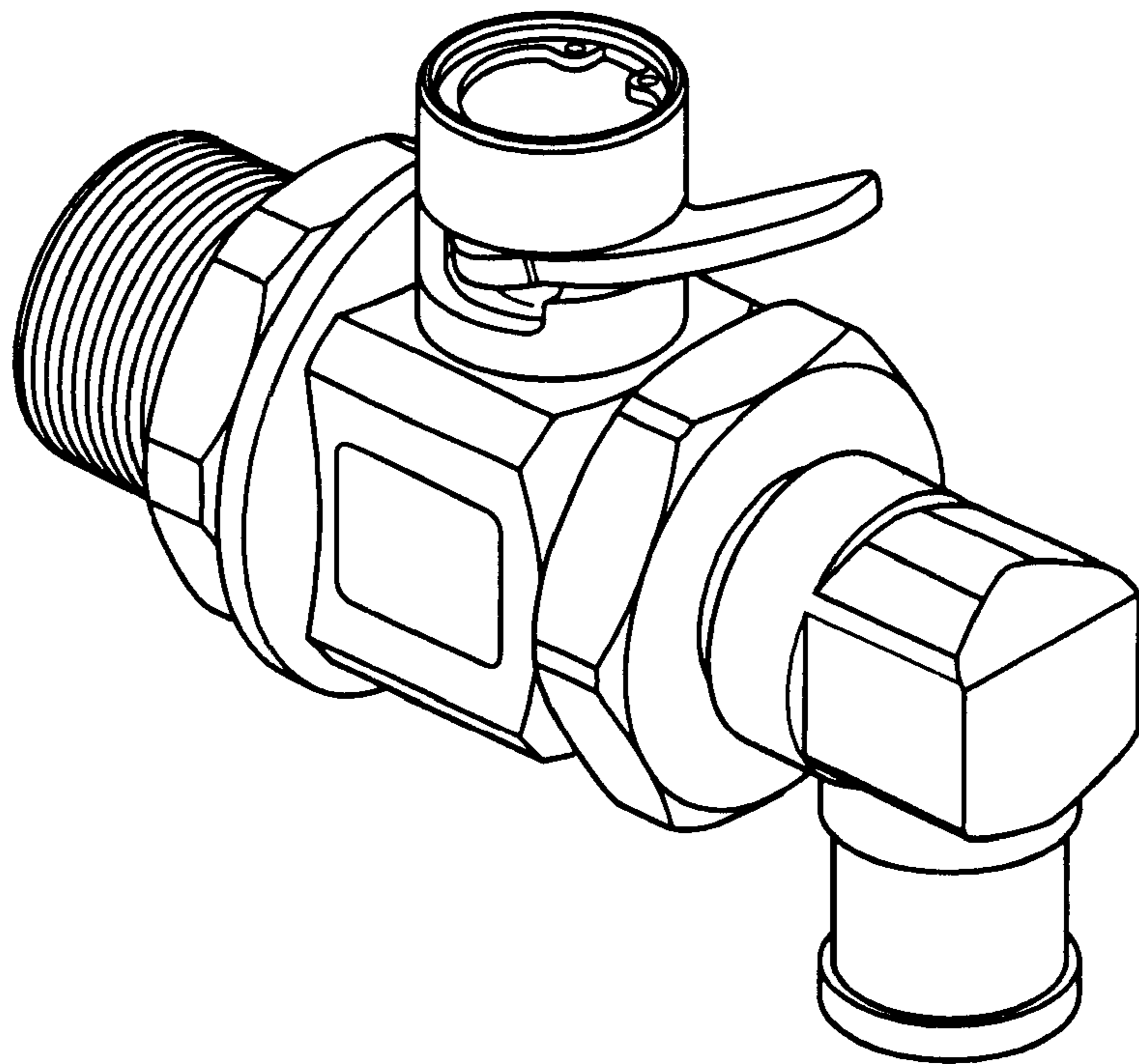


Fig. 9



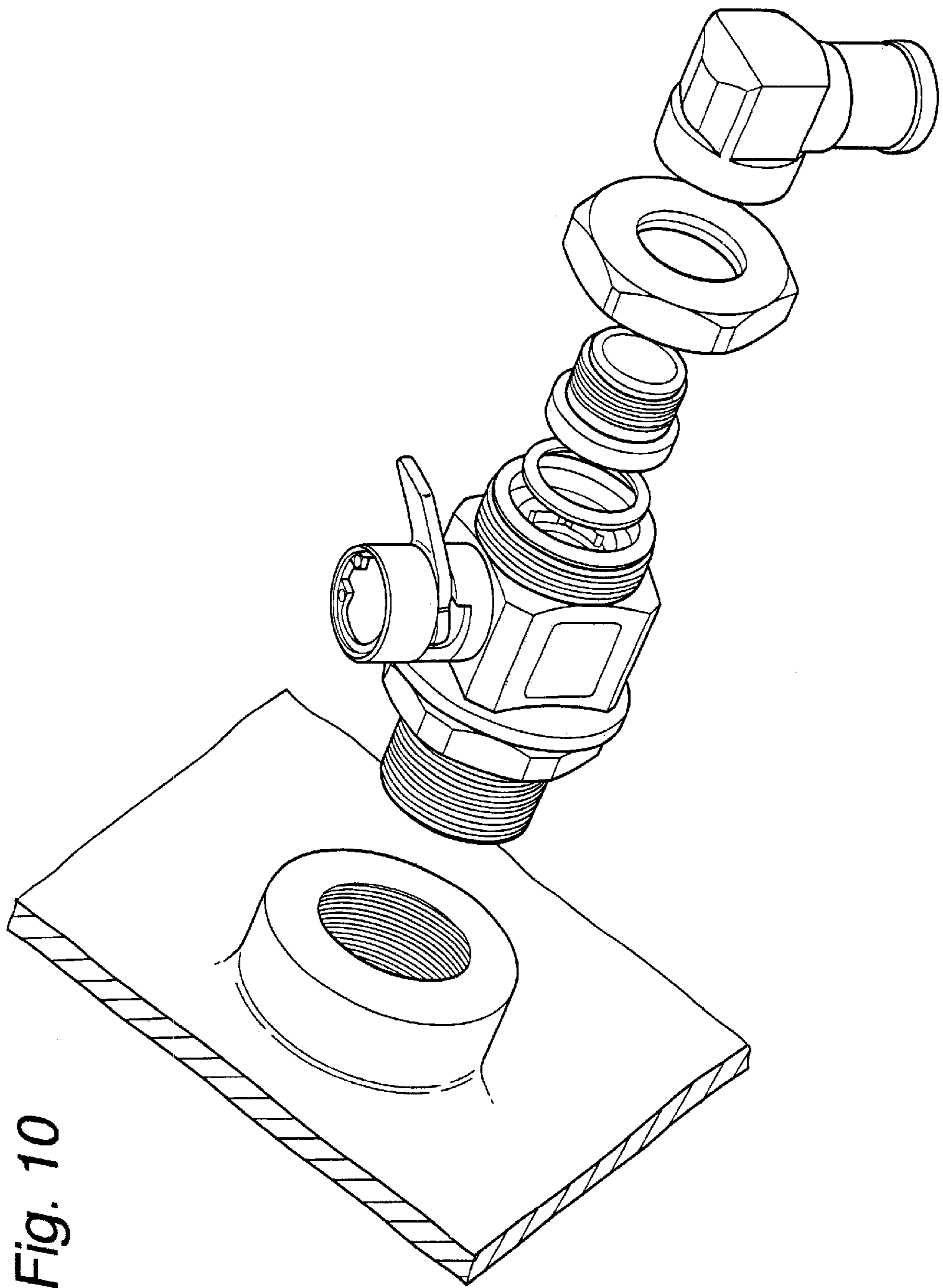


Fig. 10