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(12) **United States Design Patent** (10) **Patent No.:** **US D896,926 S**
Shinozaki et al. (45) **Date of Patent:** **** Sep. 22, 2020**

(54) **CONTROL VALVE**
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(73) Assignee: **SMC CORPORATION**, Tokyo (JP)
(**) Term: **15 Years**
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D857,852 S 8/2019 Shinozaki et al.
D857,853 S 8/2019 Shinozaki et al.
D858,713 S 9/2019 Shinozaki et al.
D871,551 S 12/2019 Shinozaki et al.
D872,236 S 1/2020 Shinozaki et al.

FOREIGN PATENT DOCUMENTS

CN 301264916 S 6/2010
CN 301321076 S 8/2010
CN 301353224 S 9/2010
CN 303267447 S 7/2015
JP 1209708 S 6/2004
JP 1464628 S 3/2013

OTHER PUBLICATIONS

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Related U.S. Application Data

(62) Division of application No. 29/637,745, filed on Feb. 21, 2018.

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(30) **Foreign Application Priority Data**

Sep. 8, 2017 (CN) 2017 3 0423995

(51) **LOC (12) Cl.** **23-01**

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

(58) **Field of Classification Search**
USPC D23/233-249, 252, 262-264; 137/625.4,
137/636.3, 636.2, 454.6, 14, 531, 315.18,
137/533.11
CPC F16K 7/17; F16K 11/0876; F16K 11/0782;
F16K 11/0716
See application file for complete search history.

(57) **CLAIM**

The ornamental design for a control valve, as shown and described.

DESCRIPTION

FIG. 1 is a front, top and right side perspective view of a control valve showing our new design;
FIG. 2 is a rear, bottom and left side perspective view thereof;
FIG. 3 is a front view thereof;
FIG. 4 is a rear view thereof;
FIG. 5 is a top plan view thereof;
FIG. 6 is a bottom plan view thereof;
FIG. 7 is a left side view thereof; and,
FIG. 8 is a right side view thereof.
The broken lines depict portions of the control valve that form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D609,306 S 2/2010 Moriyama
D609,307 S 2/2010 Moriyama
D857,172 S 8/2019 Shinozaki et al.
D857,851 S 8/2019 Shinozaki et al.

1 Claim, 8 Drawing Sheets

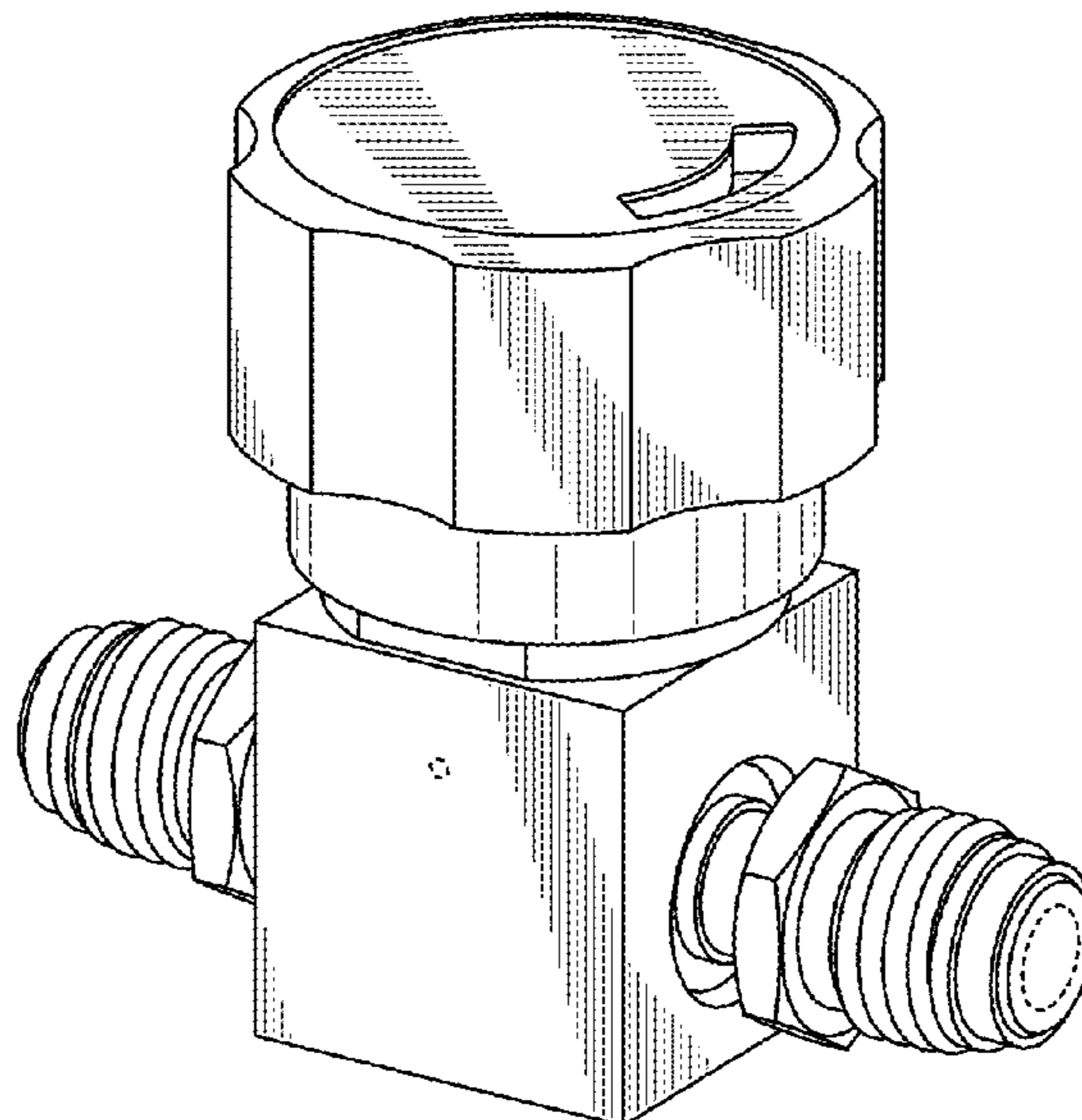


FIG. 1

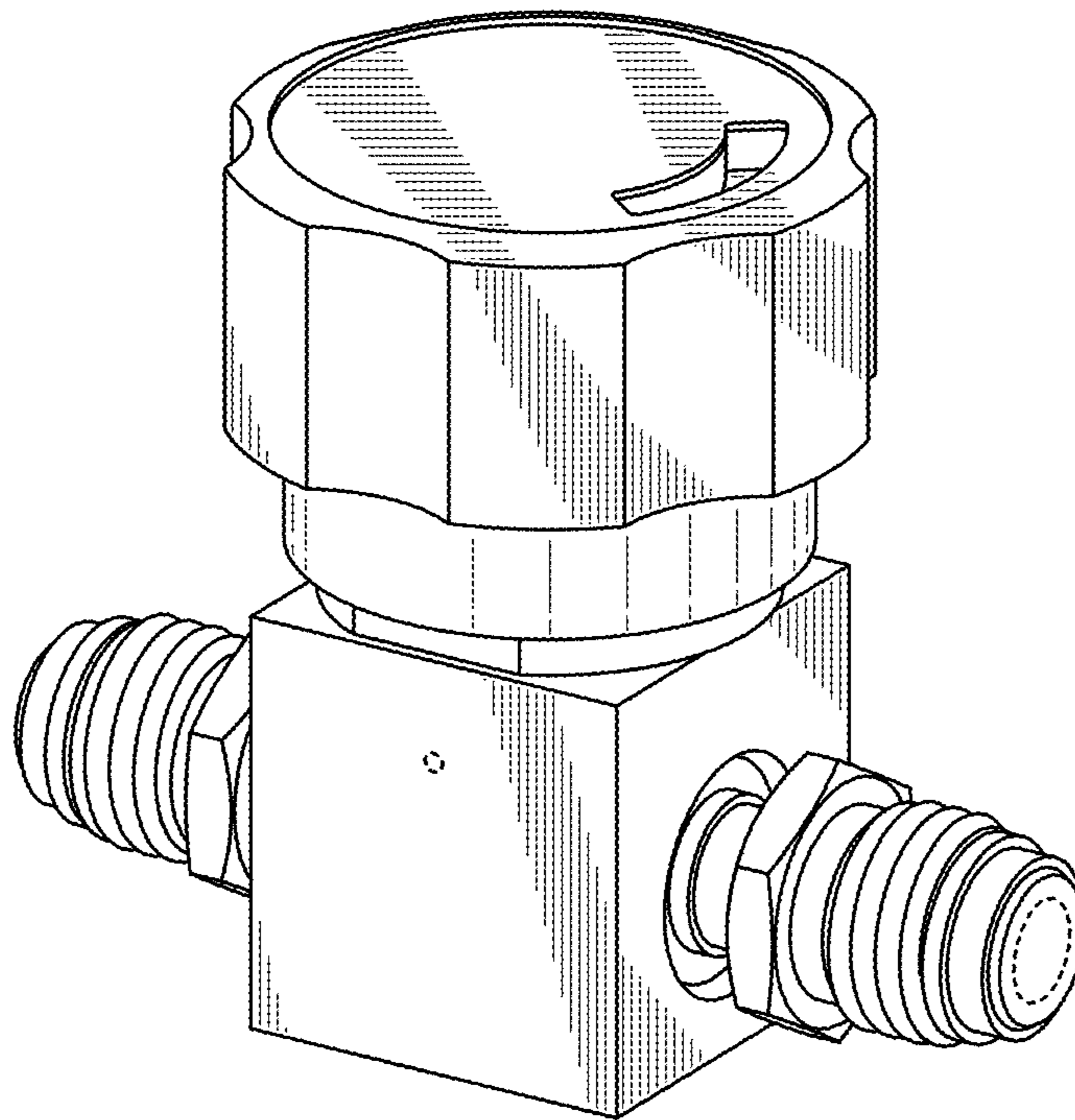


FIG. 2

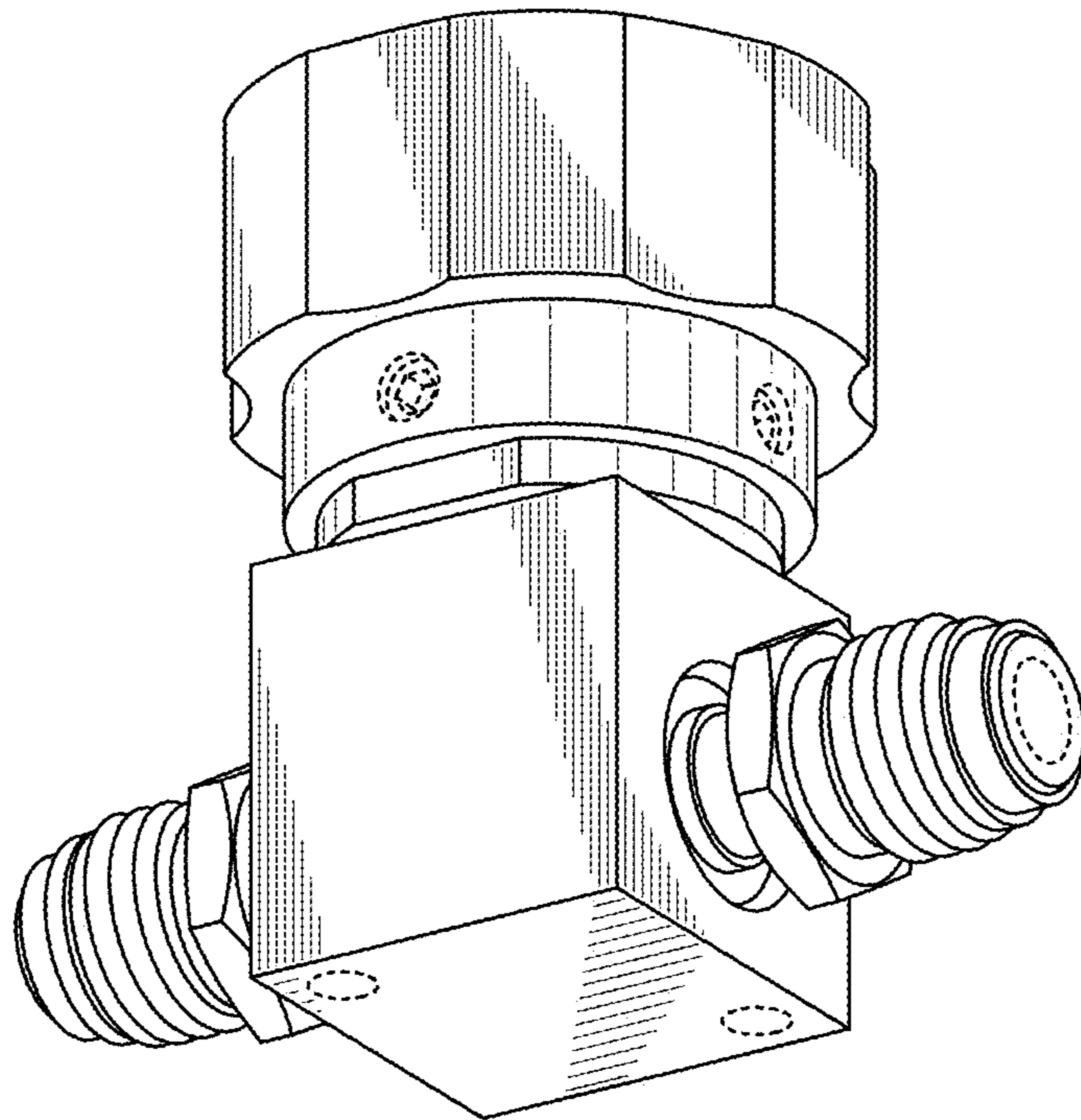


FIG. 3

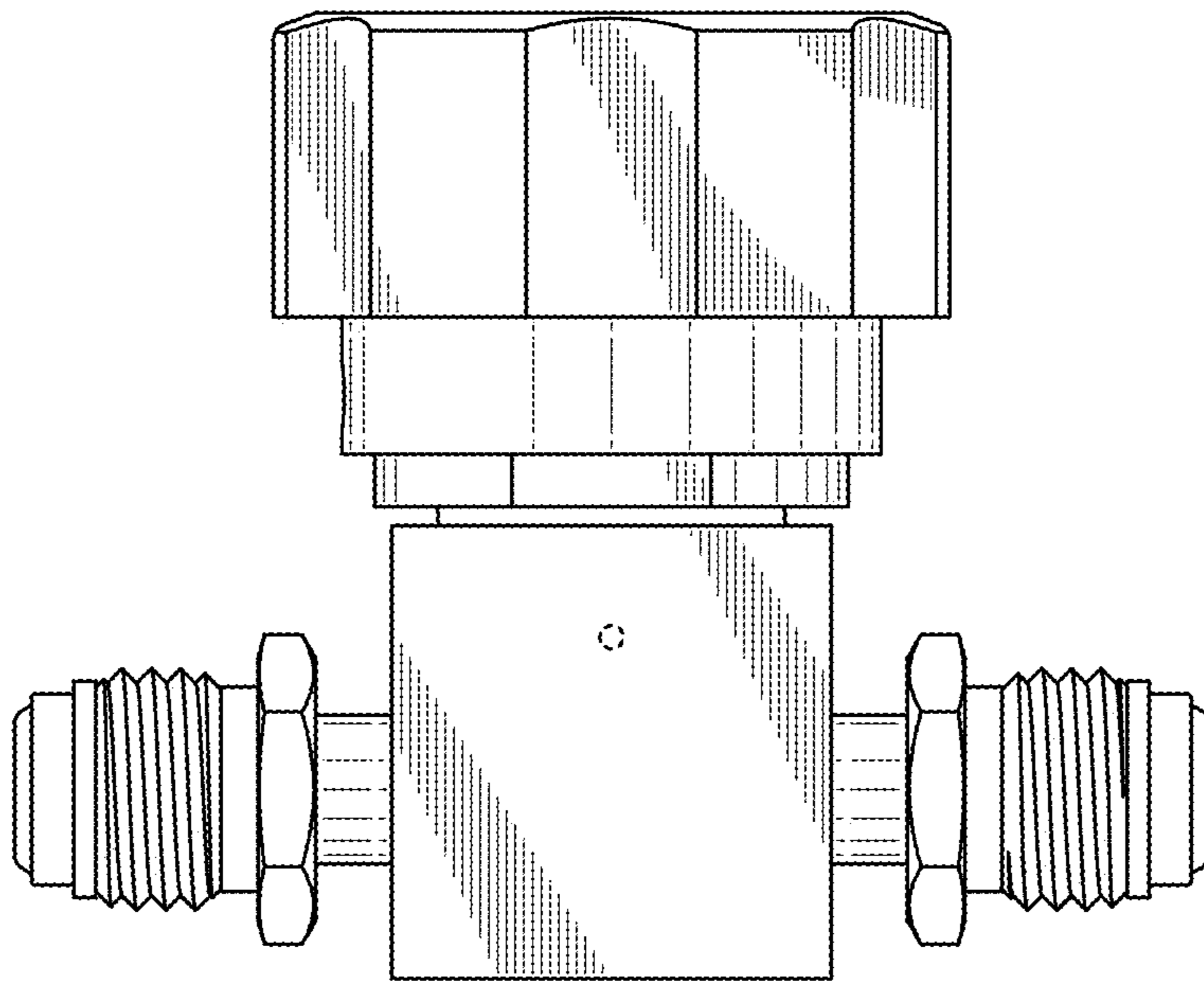


FIG. 4

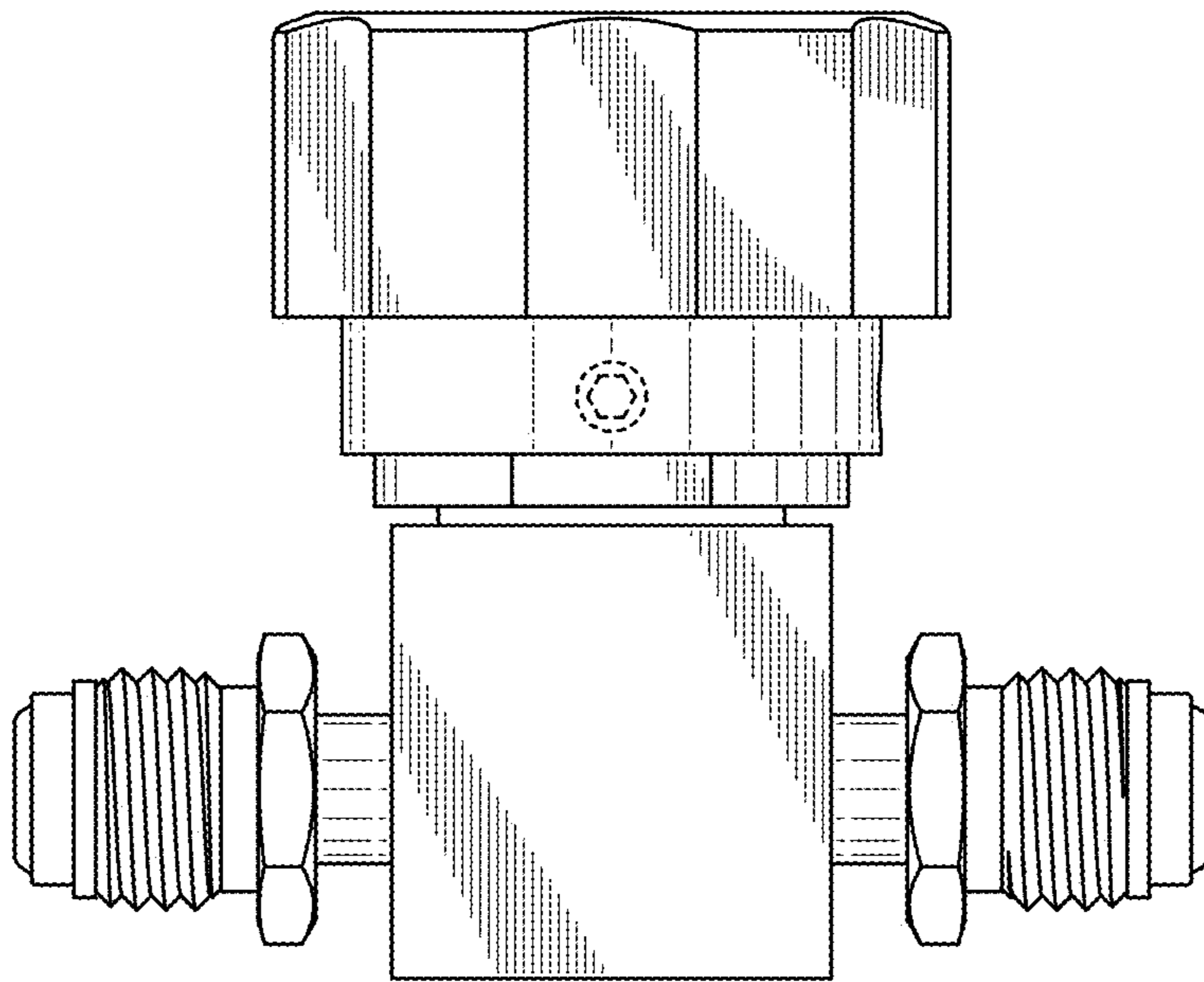


FIG. 5

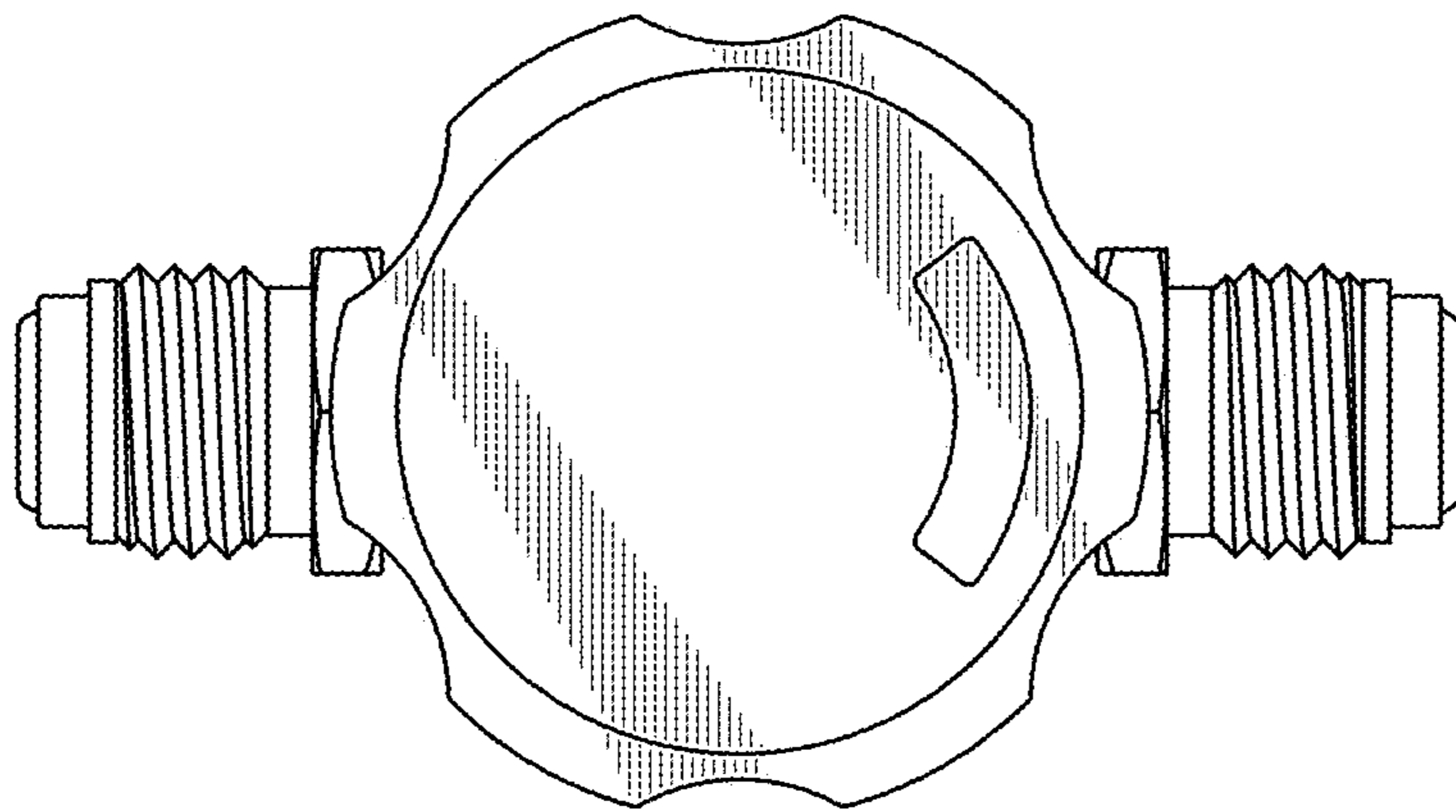


FIG. 6

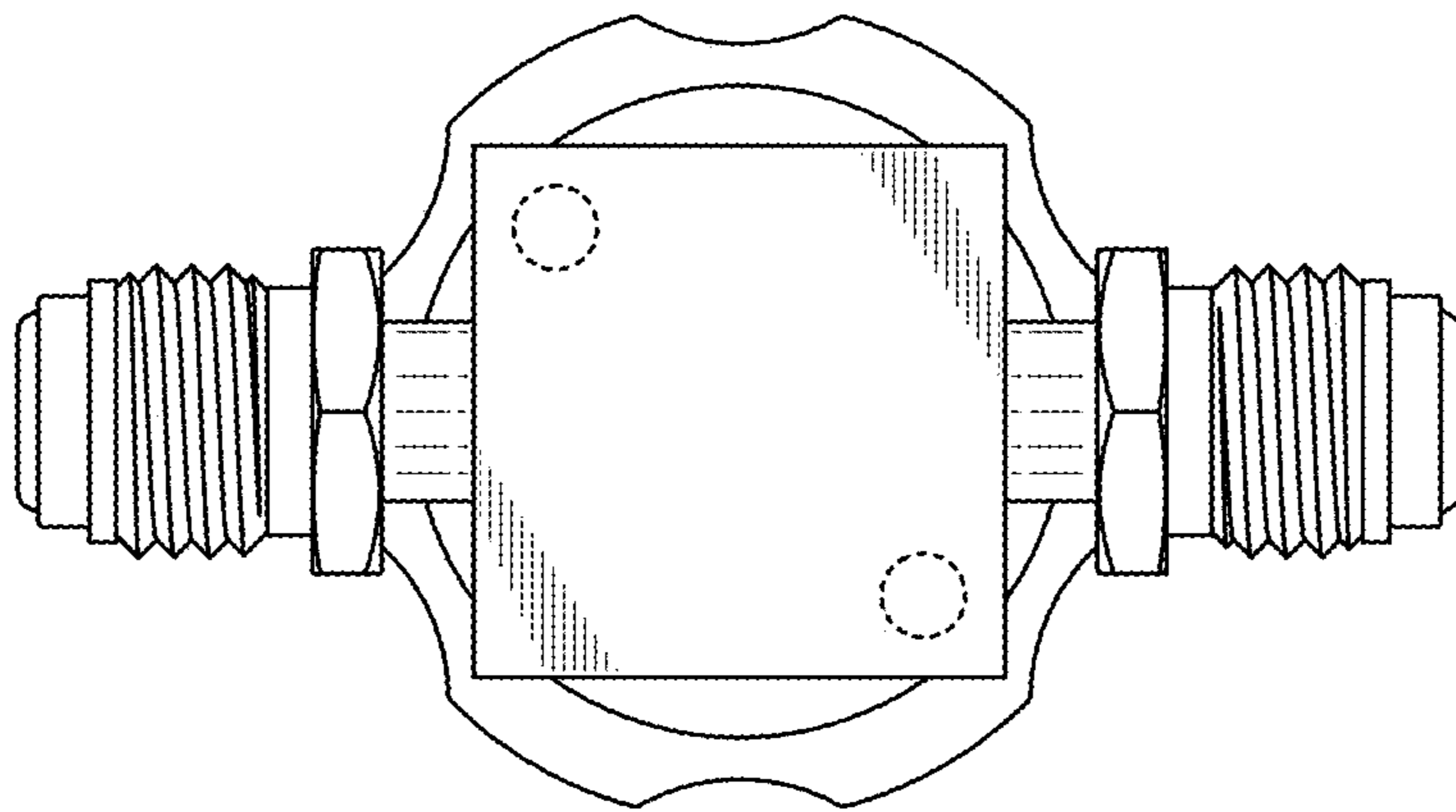


FIG. 7

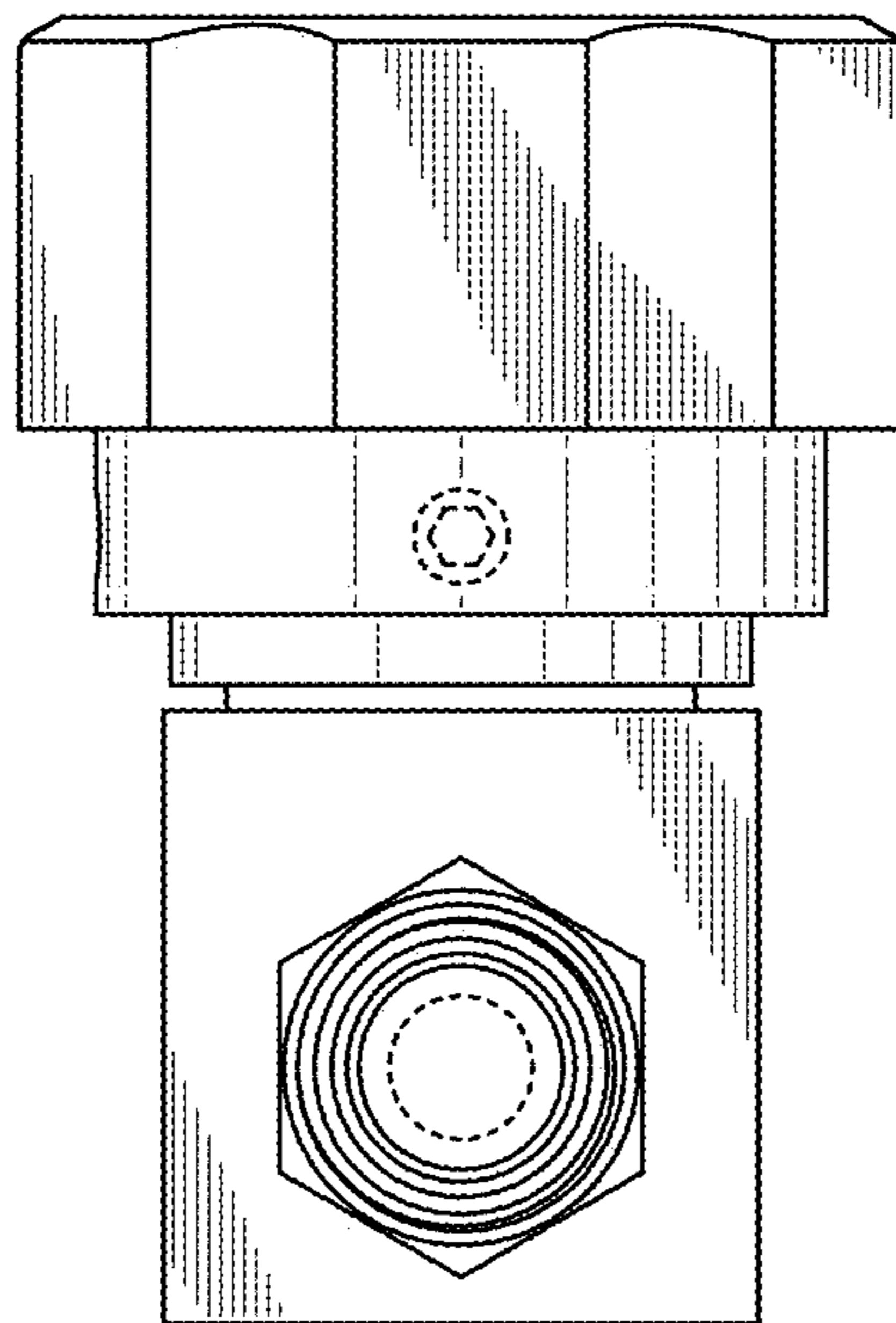


FIG. 8

