

US00D890309S

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

(10) **Patent No.:** **US D890,309 S**

(45) **Date of Patent:** **** Jul. 14, 2020**

- (54) **WATER COOLING APPARATUS**
- (71) Applicant: **Ernest Russell Murray**, Pendleton, SC (US)
- (72) Inventor: **Ernest Russell Murray**, Pendleton, SC (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/658,218**
- (22) Filed: **Jul. 30, 2018**
- (51) **LOC (12) Cl.** **23-01**
- (52) **U.S. Cl.**
USPC **D23/266**
- (58) **Field of Classification Search**
USPC D23/259, 268, 262, 266, 213–214, 138/198, 210, 38, 89, 90; 403/104; 285/125.1, 126.1, 129.1, 129.2, 132.1, 285/147.1, 148.19, 179, 179.1, 180, 181, 285/184–185; 4/256.1, 679, 681, 685, 4/686, 687, 696
CPC F16L 41/00
See application file for complete search history.

- 5,085,244 A * 2/1992 Funk B08B 9/0321 134/102.1
- 6,044,904 A * 4/2000 Shafer B09B 1/006 166/75.13
- 6,592,152 B1 * 7/2003 Nejigaki B01D 65/00 285/148.23
- 6,860,991 B1 * 3/2005 Hagon E03C 1/29 210/163
- D522,616 S * 6/2006 Minnick D23/233
- D595,391 S * 6/2009 Weltman D23/268
- D727,470 S * 4/2015 Agar D23/262
- 2007/0209707 A1 * 9/2007 Weltman F16L 55/053 137/247.25

* cited by examiner

Primary Examiner — Amy C Wierenga

(57) **CLAIM**

The ornamental design for a water cooling apparatus, as shown and described.

DESCRIPTION

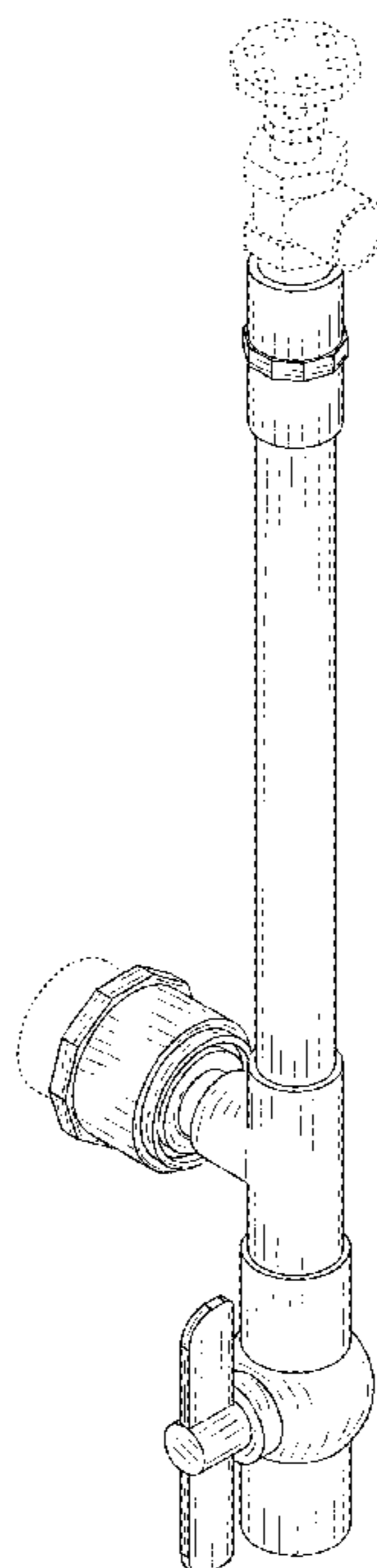
FIG. 1 is a front-top-left perspective view of a water cooling apparatus showing my new design;
 FIG. 2 is a front-top-right perspective view thereof;
 FIG. 3 is a front plan view thereof;
 FIG. 4 is a back plan view thereof;
 FIG. 5 is a right elevation view thereof;
 FIG. 6 is a longitudinal cross-sectional view taken along line 6-6 in FIG. 5;
 FIG. 7 is a left elevation view thereof;
 FIG. 8 is a top elevation view thereof; and,
 FIG. 9 is a bottom elevation view thereof.
 The broken line showing of the valve and threads in FIGS. 1-9 are included for the purpose of showing environmental structure and form no part of the claimed design.

1 Claim, 9 Drawing Sheets

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 1,716,945 A * 6/1929 Worth F25D 31/002 62/393
- 1,832,701 A * 11/1931 Graham F28C 1/02 261/89
- 2,169,795 A * 8/1939 Evers, Jr. F25B 5/04 62/115
- D244,937 S * 7/1977 Houk D23/259
- D284,603 S * 7/1986 Loignon D23/259



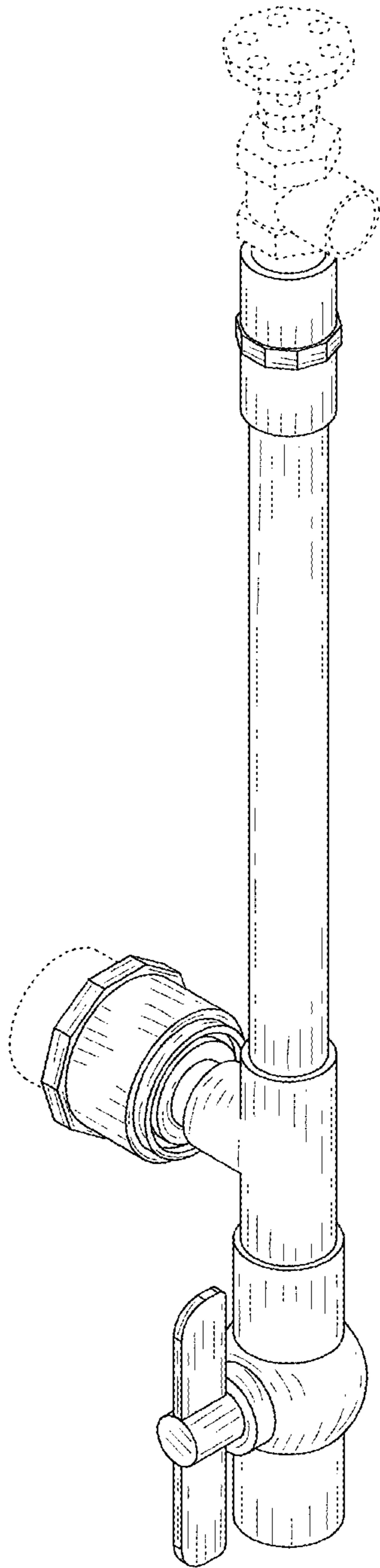


FIG. 1

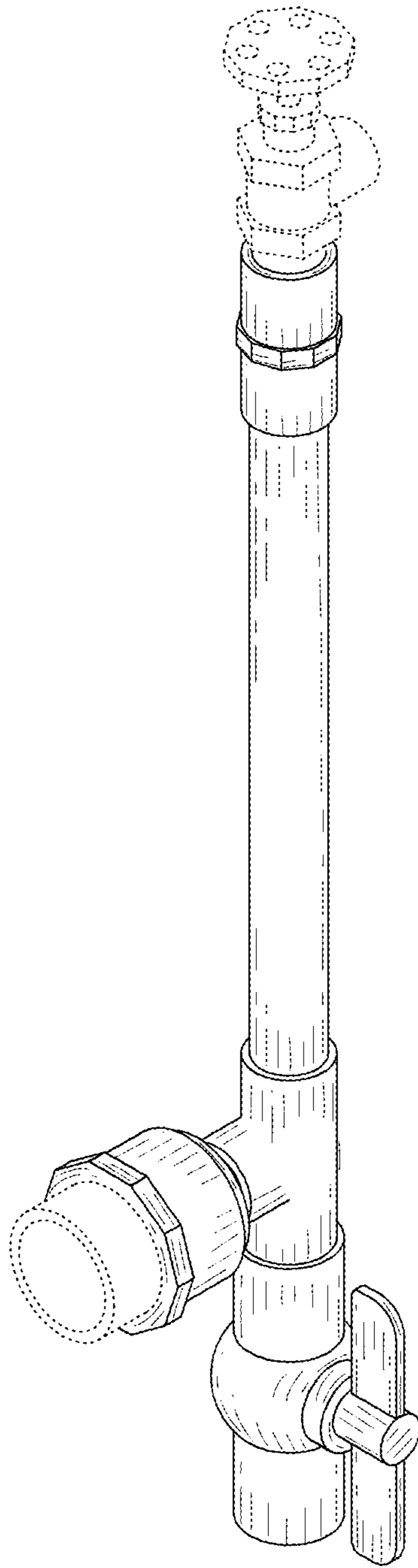


FIG. 2

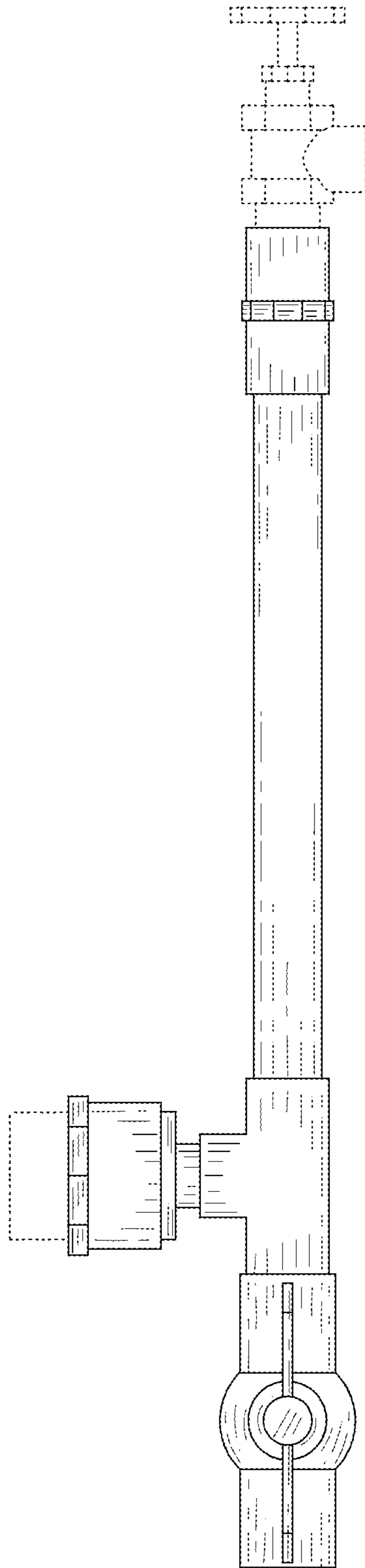


FIG. 3

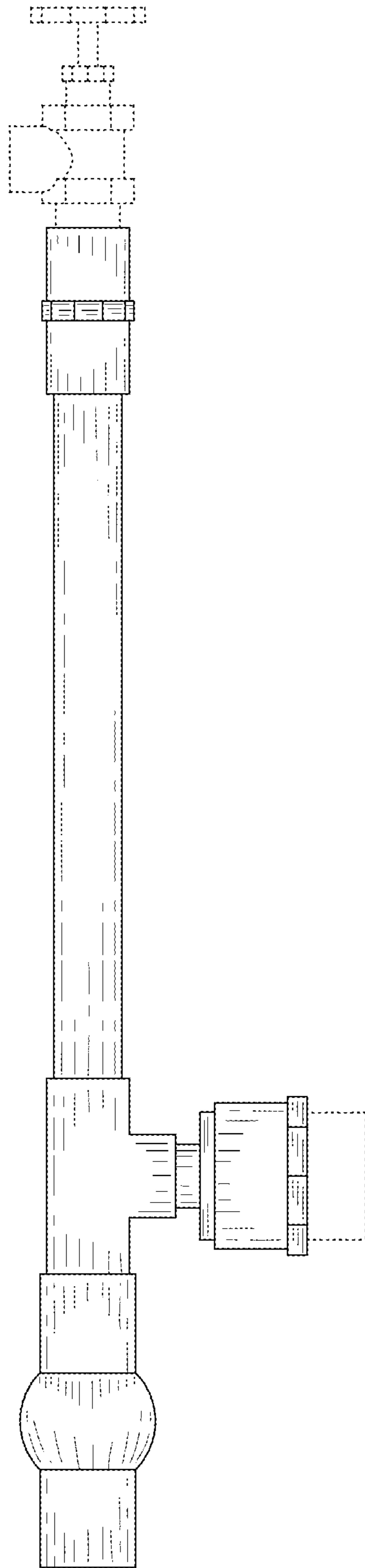


FIG. 4

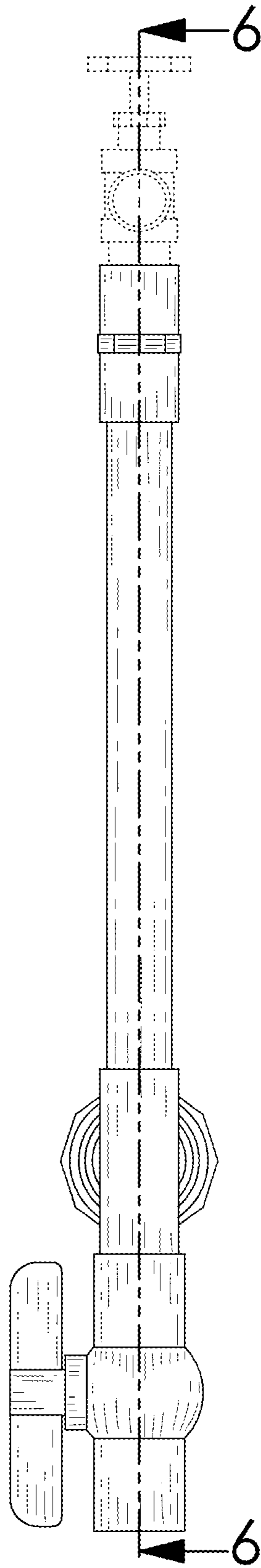


FIG. 5

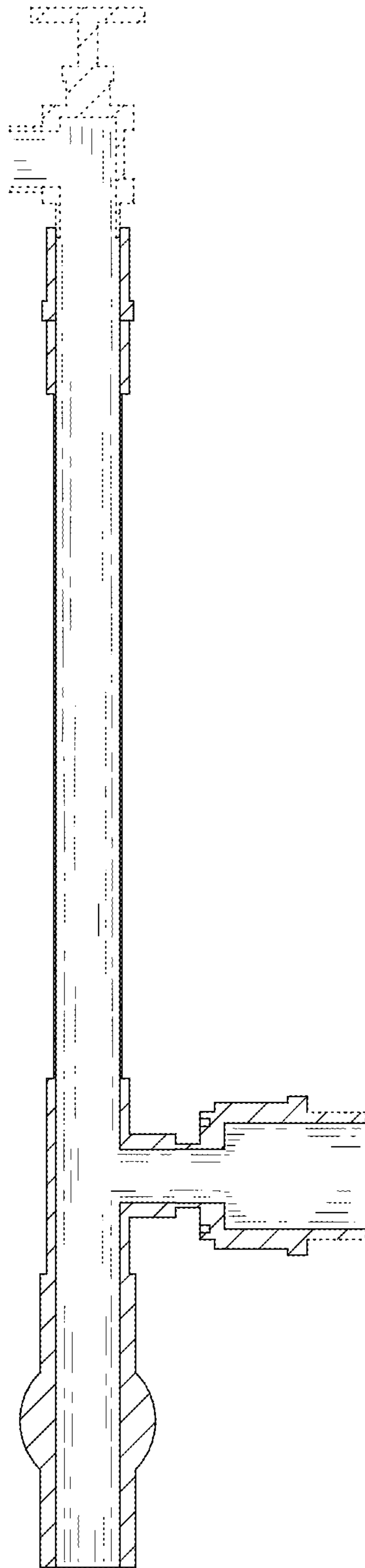


FIG. 6

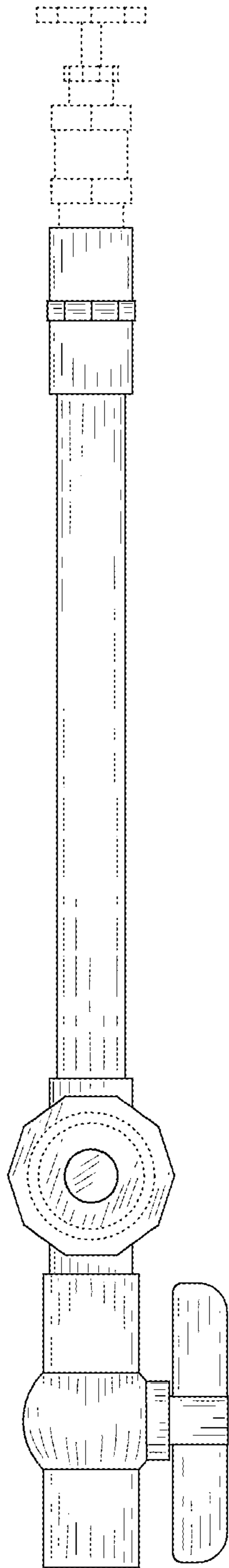


FIG. 7

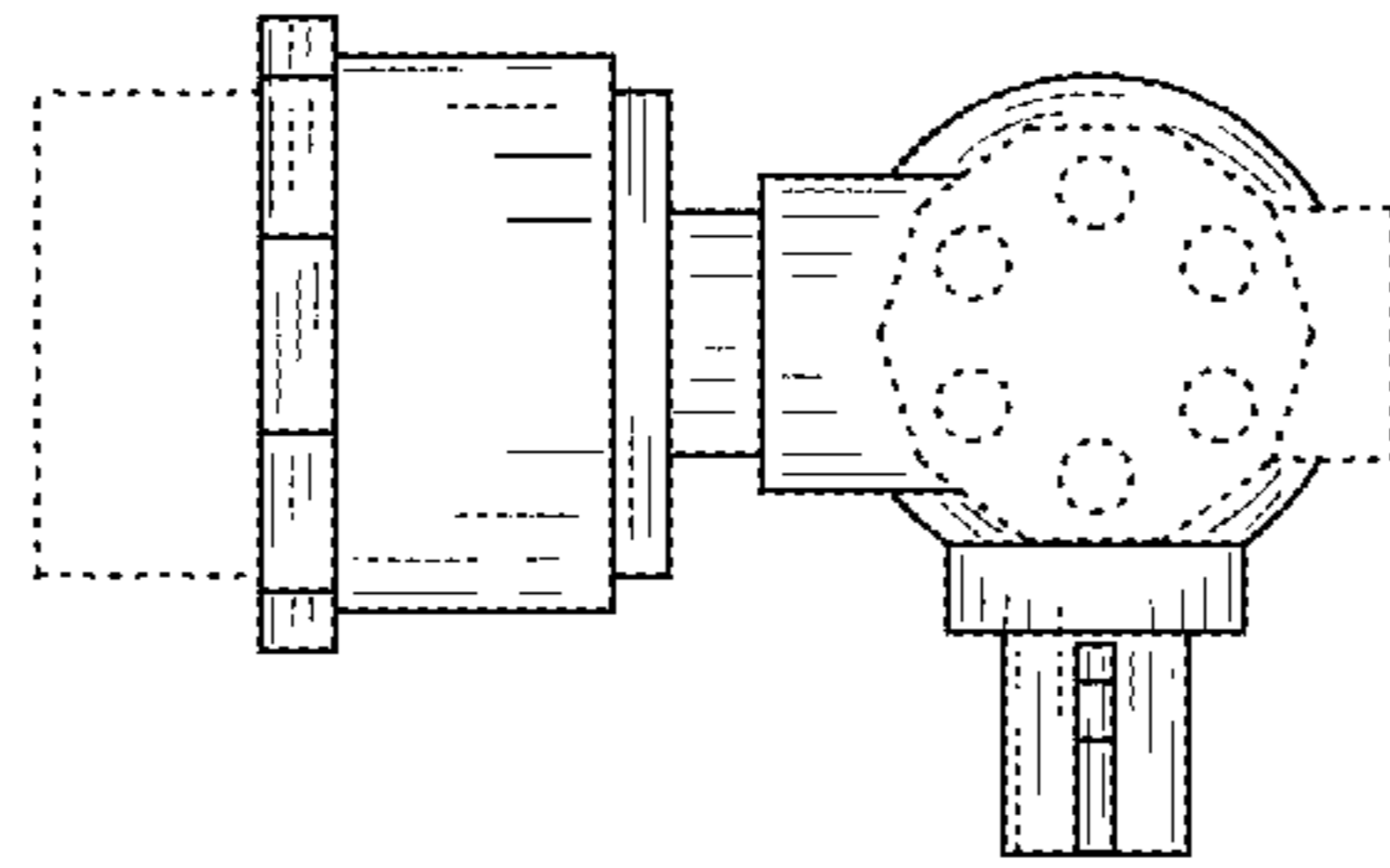


FIG. 8

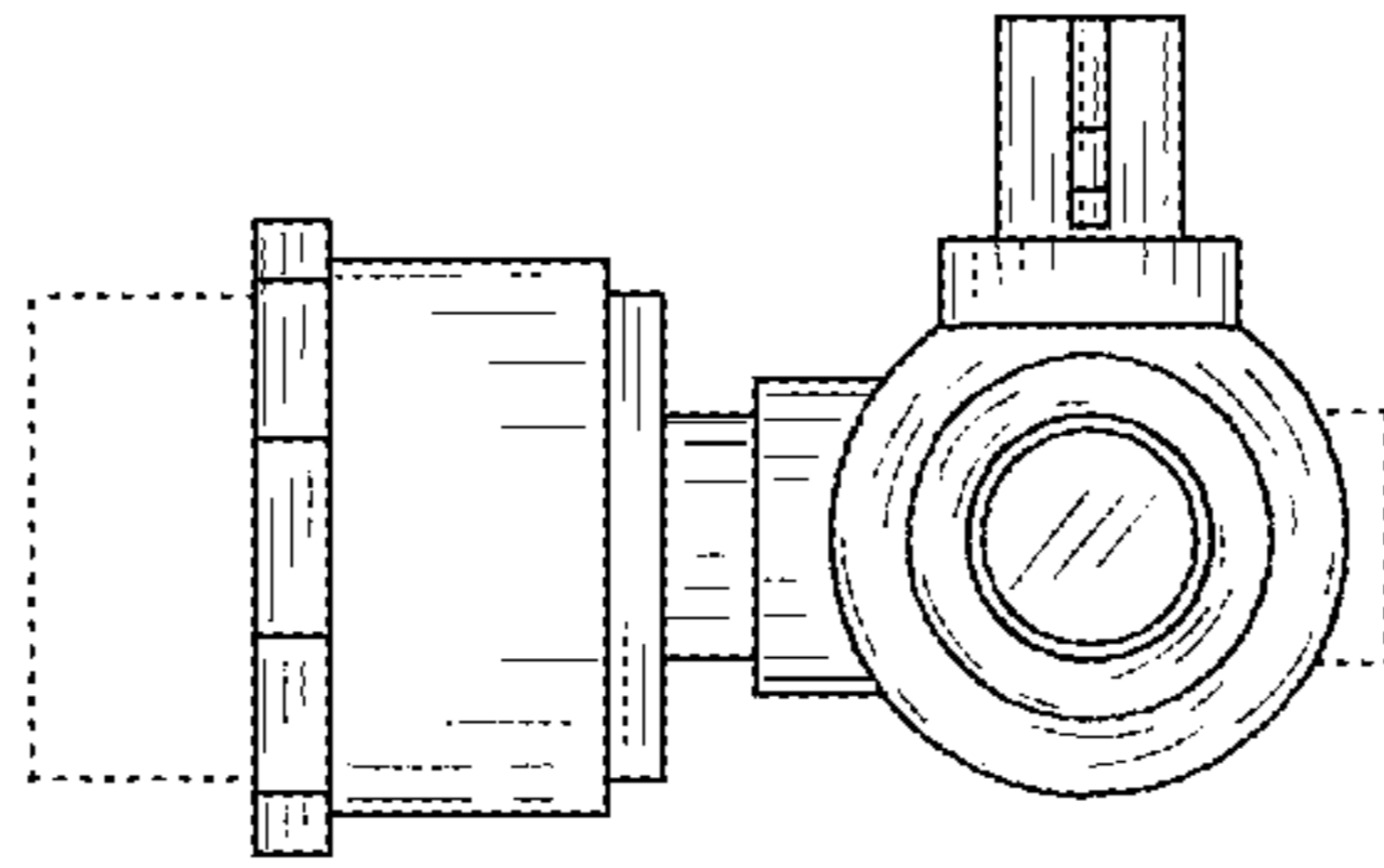


FIG. 9