

US00D892974S

(12) **United States Design Patent** (10) **Patent No.:** **US D892,974 S**  
**Allen et al.** (45) **Date of Patent:** **\*\* Aug. 11, 2020**

- (54) **FILTER CARTRIDGE**
- (71) Applicant: **Avidity Science, LLC**, Waterford, WI (US)
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- (73) Assignee: **Avidity Science, LLC**, Waterford, WI (US)
- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/669,320**
- (22) Filed: **Nov. 7, 2018**
- (51) **LOC (12) Cl.** ..... **23-01**
- (52) **U.S. Cl.**  
USPC ..... **D23/209**
- (58) **Field of Classification Search**  
USPC ..... D23/209, 358, 355, 364, 365, 386-393  
CPC ..... F24F 13/0218; F24F 13/06; F24F 13/062;  
F24F 2013/0608; F24F 2221/14; B64D  
33/02; B64D 2033/0246; F02C 7/05  
See application file for complete search history.

- D539,406 S \* 3/2007 Wang ..... D23/364
- D600,775 S \* 9/2009 Schmitt ..... D23/209
- D755,344 S \* 5/2016 Reckin ..... B01D 27/08  
D23/209
- 9,789,424 B2 \* 10/2017 Reckin ..... B01D 27/08
- D827,771 S \* 9/2018 Zhao ..... D23/209
- D852,347 S \* 6/2019 Cunningham ..... D23/366
- D867,568 S \* 11/2019 Gleixner ..... C02F 1/003  
D23/365

\* cited by examiner

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(57) **CLAIM**

The ornamental design for a filter cartridge, as shown and described.

**DESCRIPTION**

FIG. 1 is an isometric view of a filter cartridge incorporating our new design, viewed from above, behind, and from the left side of the filter cartridge;

FIG. 2 is an isometric view of the filter cartridge of FIG. 1, viewed from above, in front of, and from the right side of the filter cartridge;

FIG. 3 is a left-side elevation view thereof;

FIG. 4 is a right-side elevation view thereof;

FIG. 5 is a front elevation view thereof;

FIG. 6 is a rear elevation view thereof;

FIG. 7 is a top plan view thereof; and,

FIG. 8 is a bottom plan view thereof.

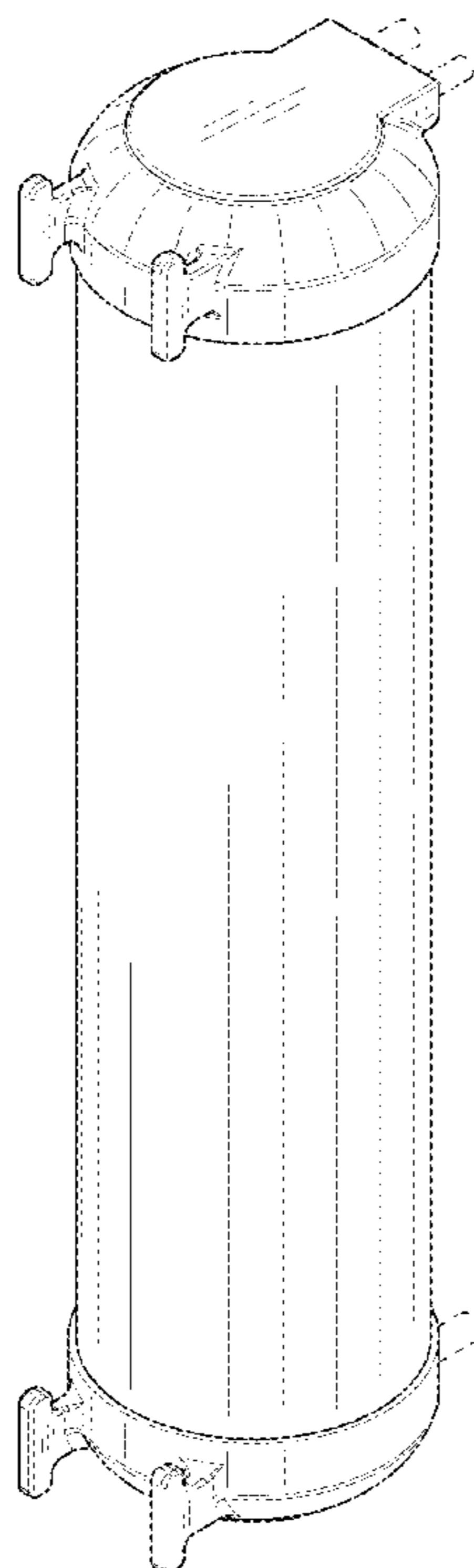
The broken lines in FIGS. 1-8 show unclaimed portions of the filter cartridge and form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 4,368,123 A \* 1/1983 Stanley ..... C02F 1/003  
210/269
- D309,492 S \* 7/1990 Boehnke ..... D23/209
- D316,740 S \* 5/1991 Kopf ..... D23/209
- D357,058 S \* 4/1995 Engelhard ..... D23/207
- D393,705 S \* 4/1998 Dure ..... D23/365
- D416,307 S \* 11/1999 Williams ..... D23/209

**1 Claim, 8 Drawing Sheets**



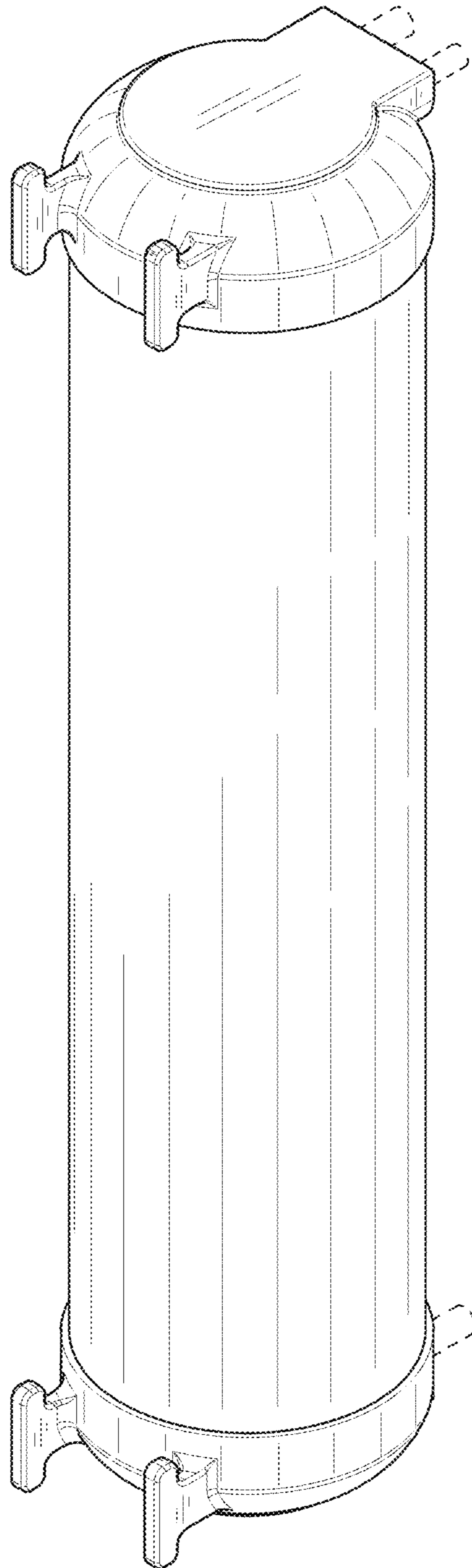


FIG. 1

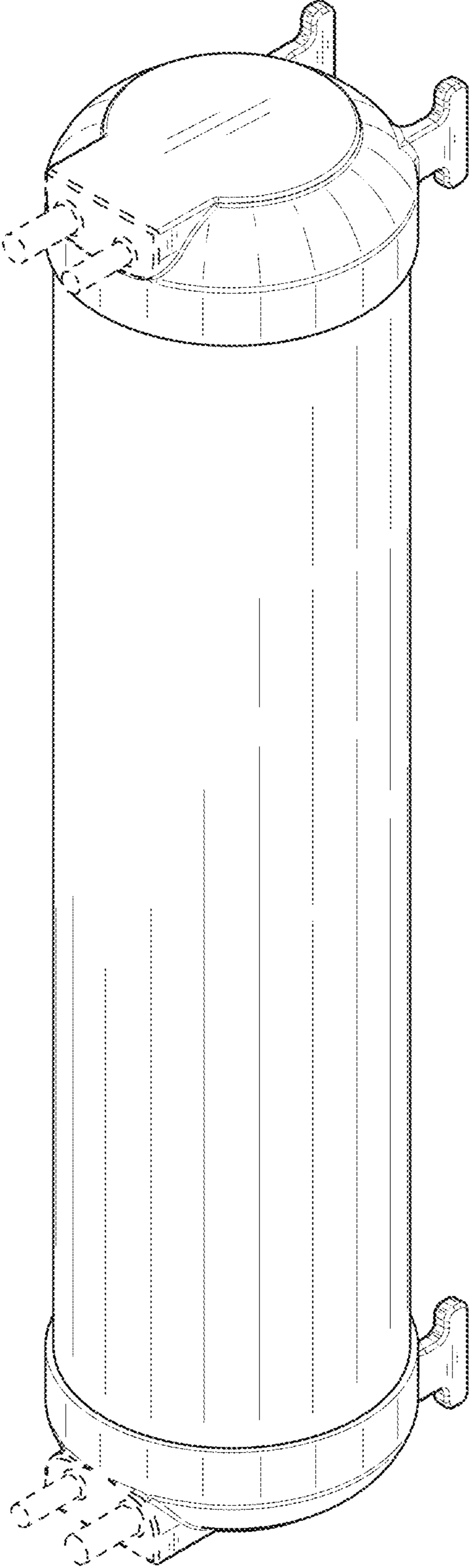


FIG. 2

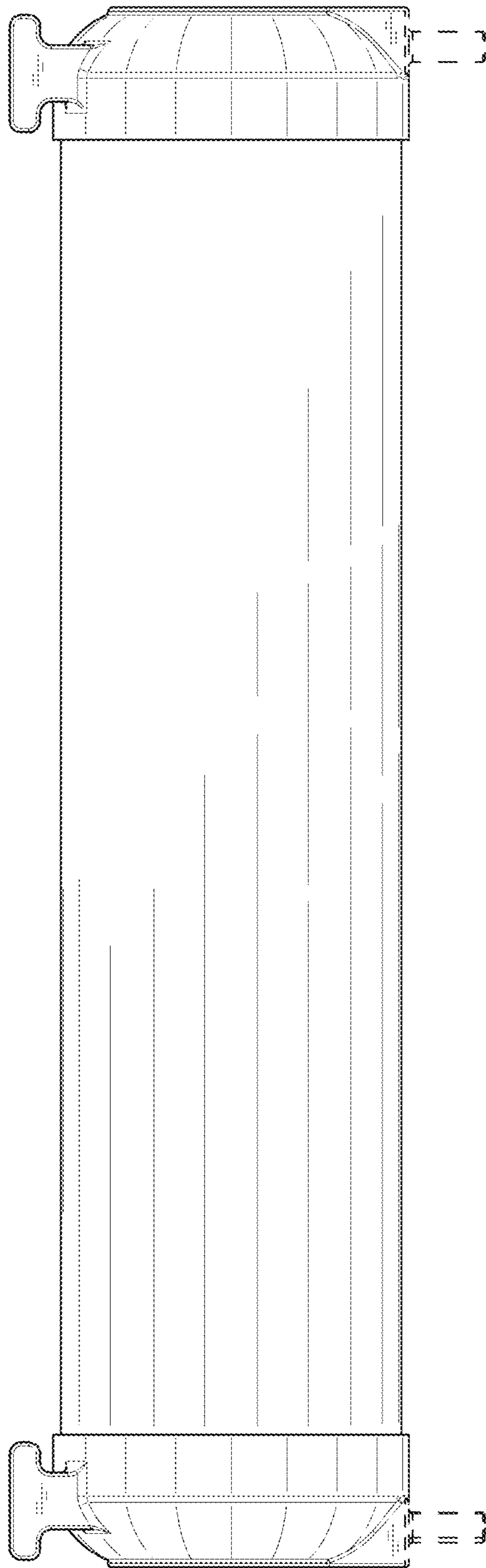


FIG. 3

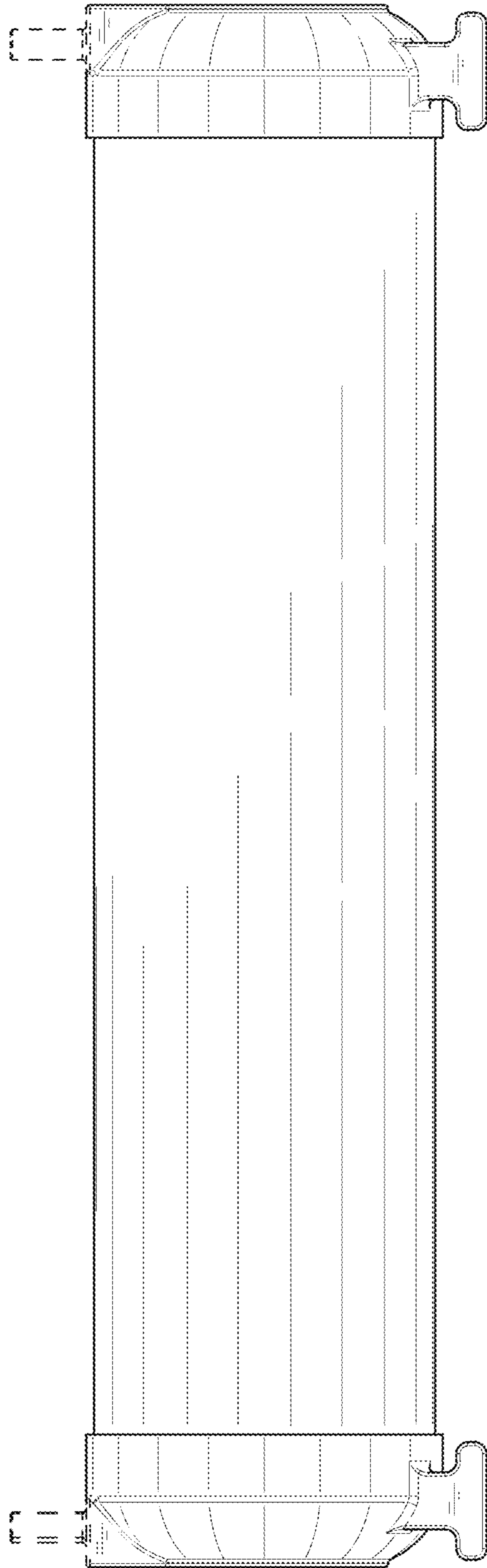


FIG. 4

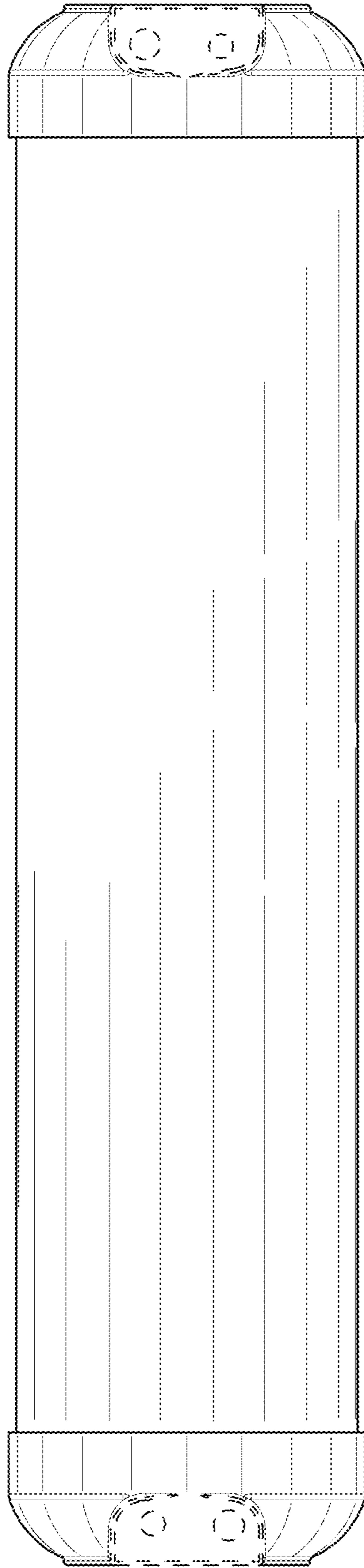


FIG. 5

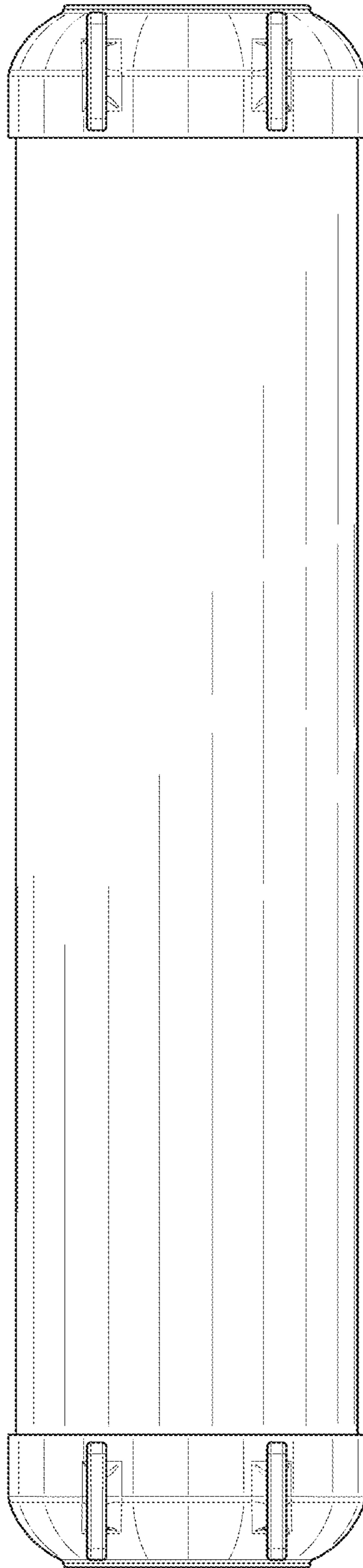


FIG. 6

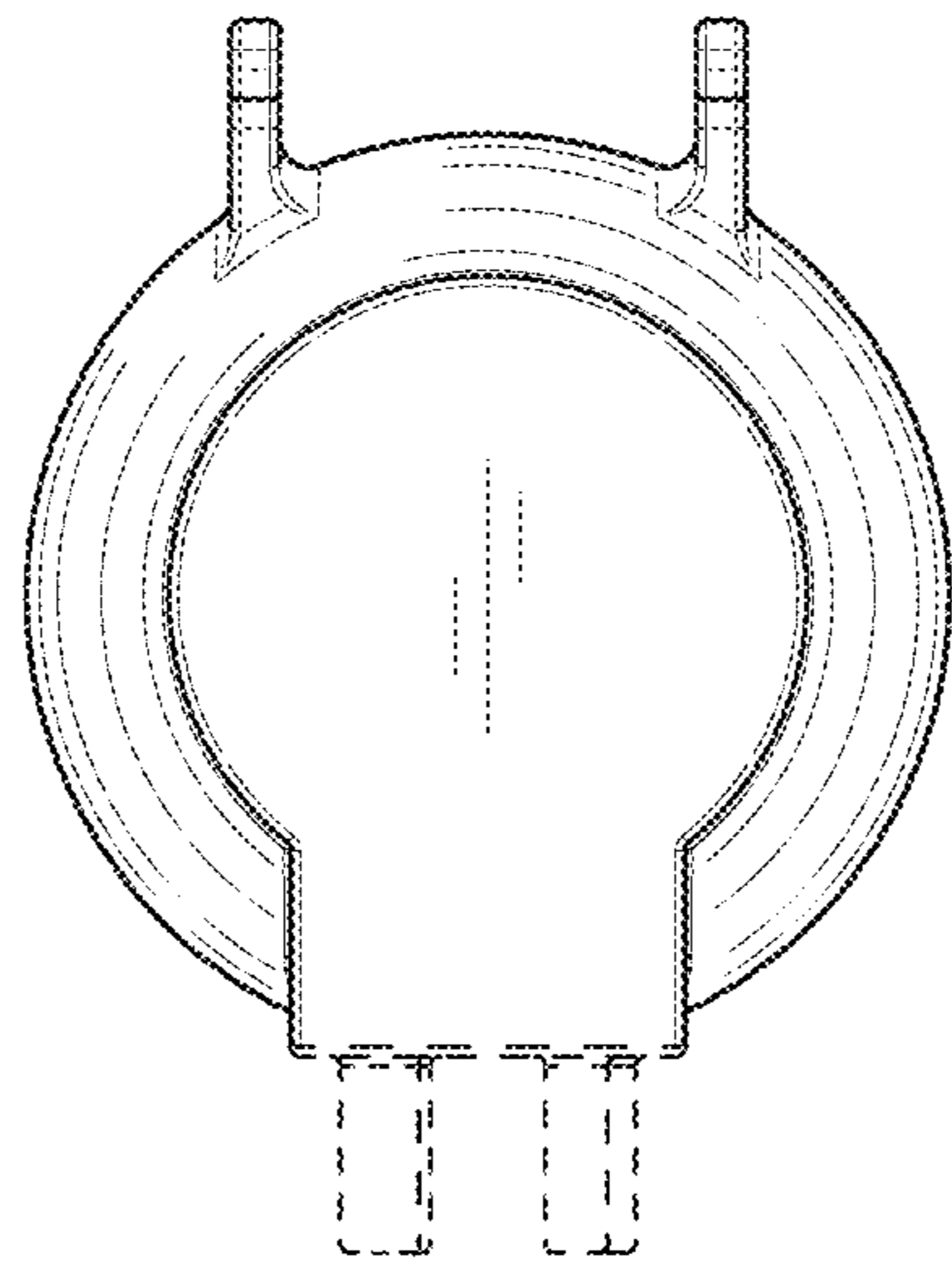


FIG. 7



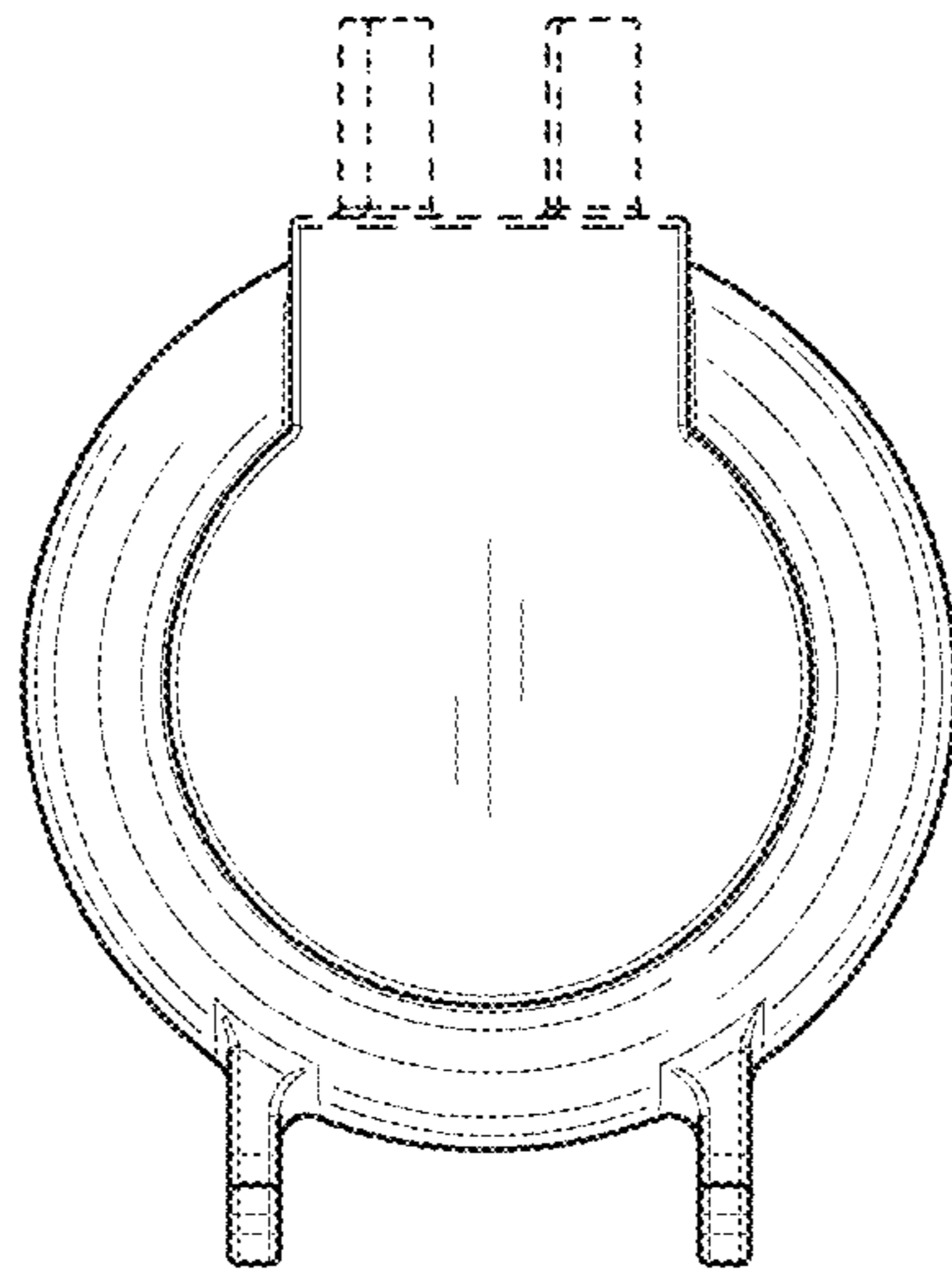


FIG. 8