



US00D772379S

(12) **United States Design Patent**  
**Tadlock et al.**

(10) **Patent No.:** **US D772,379 S**

(45) **Date of Patent:** **\*\* Nov. 22, 2016**

(54) **INSERT FOR FLUID TREATMENT  
CARTRIDGE WITH FLUID TREATMENT  
CARTRIDGE**

(71) Applicants: **John W. Tadlock**, West Chicago, IL  
(US); **Angelo Flamingo**, Ottawa, IL  
(US); **Cheryl L. Panasik**, Elburn, IL  
(US)

(72) Inventors: **John W. Tadlock**, West Chicago, IL  
(US); **Angelo Flamingo**, Ottawa, IL  
(US); **Cheryl L. Panasik**, Elburn, IL  
(US)

(73) Assignee: **A. J. ANTUNES & CO.**, Carol Stream,  
IL (US)

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

(21) Appl. No.: **29/513,923**

(22) Filed: **Jan. 6, 2015**

(51) **LOC (10) Cl.** ..... **23-01**

(52) **U.S. Cl.**  
USPC ..... **D23/209**

(58) **Field of Classification Search**  
USPC ..... D23/207, 209; 210/497.01, 493.1,  
210/493.5, 483, 223, 232, 282  
CPC ..... B01D 29/111  
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,180,489 A \* 1/1993 Bourgeois ..... B01D 29/232  
210/172.2  
6,180,909 B1 \* 1/2001 Quick ..... B01D 29/111  
210/493.2  
6,464,863 B1 \* 10/2002 Nguyen ..... B01D 35/027  
210/167.03  
6,706,182 B2 \* 3/2004 Schuyler ..... B01D 29/21  
210/237  
7,030,391 B2 \* 4/2006 Zagrobelny ..... C02F 1/325  
210/205  
D526,044 S \* 8/2006 Torichigai ..... D23/209

7,192,520 B1 \* 3/2007 Fowler ..... B01D 35/06  
184/6.25  
7,329,342 B2 \* 2/2008 Faria ..... B01D 29/15  
184/6.25  
7,665,546 B2 \* 2/2010 Ruttley ..... B03C 1/286  
166/265  
7,837,875 B2 \* 11/2010 Callaert ..... B01D 29/15  
210/232  
8,813,356 B2 \* 8/2014 Wi ..... H01F 17/0013  
210/222  
D724,179 S \* 3/2015 Keenan ..... D23/209  
9,162,167 B2 \* 10/2015 Brown ..... B01D 29/111

\* cited by examiner

*Primary Examiner* — Robin V Webster

(74) *Attorney, Agent, or Firm* — Law Offices of Steven  
W. Weinrieb

(57) **CLAIM**

The ornamental design for an insert for fluid treatment  
cartridge with fluid treatment cartridge, as shown and  
described.

**DESCRIPTION**

FIG. 1 is a left side elevational view of the insert showing  
my new design;  
FIG. 2 is a front elevational view thereof;  
FIG. 3 is a rear elevational view thereof;  
FIG. 4 is a right side elevational view thereof;  
FIG. 5 is a top plan view thereof;  
FIG. 6 is a bottom plan view thereof;  
FIG. 7 is an exploded view showing the fluid treatment  
cartridge and the inserts as they would be inserted onto side  
wall portions of the fluid treatment cartridge;  
FIG. 8 is a partial bottom perspective view of the cartridge  
showing one of the inserts inserted onto a side wall portion  
of the fluid treatment cartridge;  
FIG. 9 is a right side perspective view showing one of the  
inserts inserted onto a right side wall portion of the fluid  
treatment cartridge; and,  
FIG. 10 is a front elevational assembly view showing the  
fluid treatment cartridge having the pair of inserts mounted  
upon diametrically opposite side wall portions thereof.

**1 Claim, 5 Drawing Sheets**

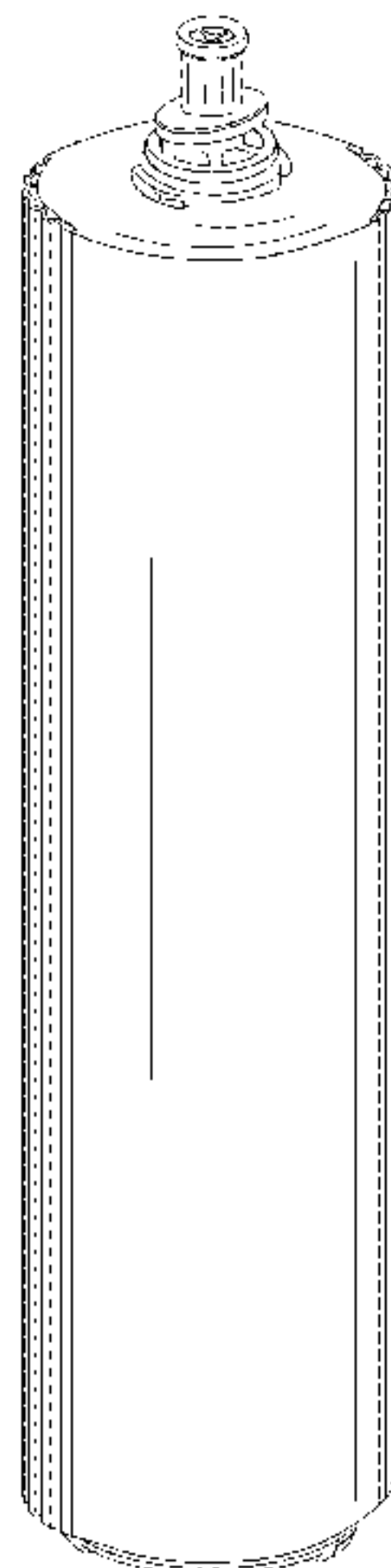




FIG. 5

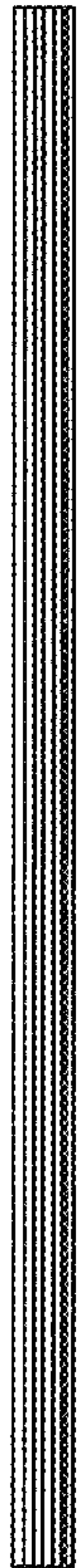


FIG. 1

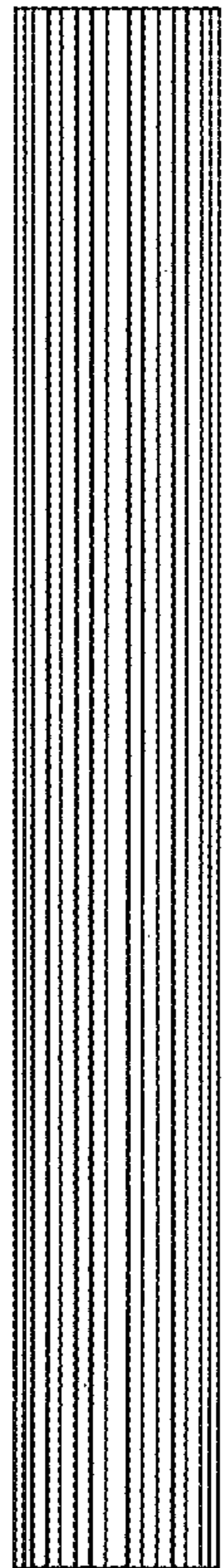


FIG. 2

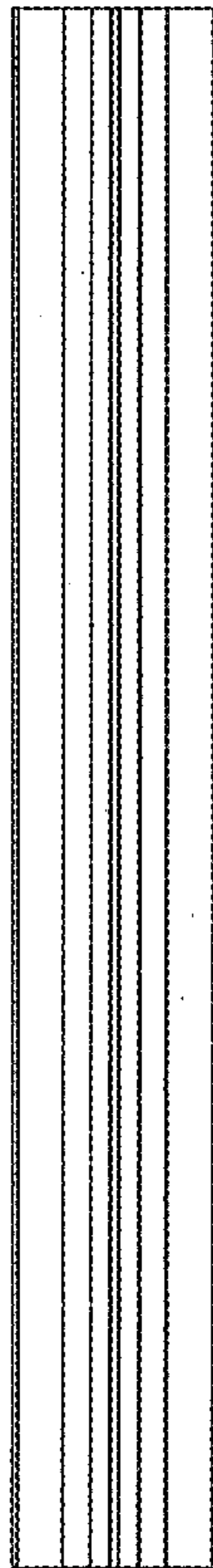


FIG. 3



FIG. 4



FIG. 6

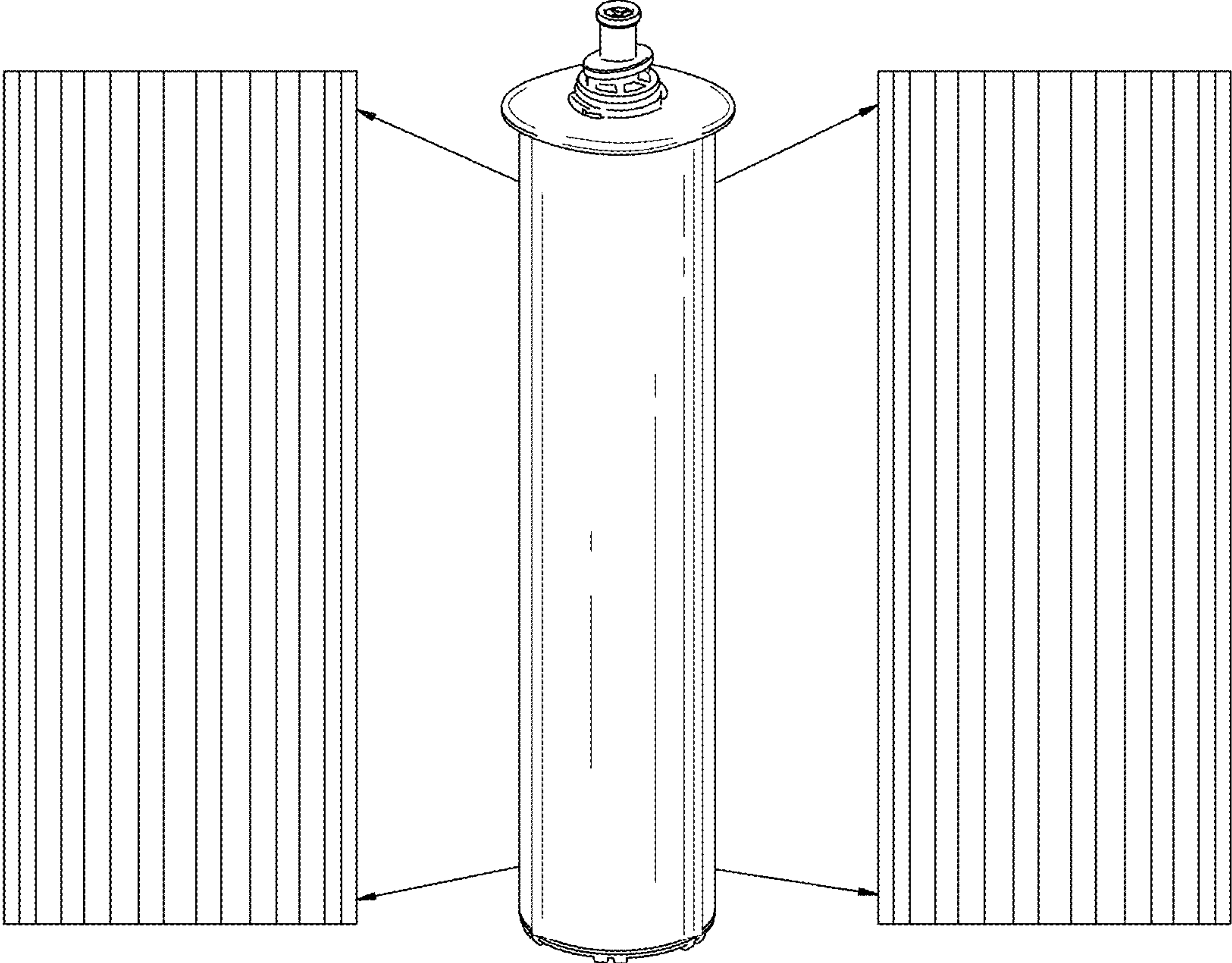


FIG. 7



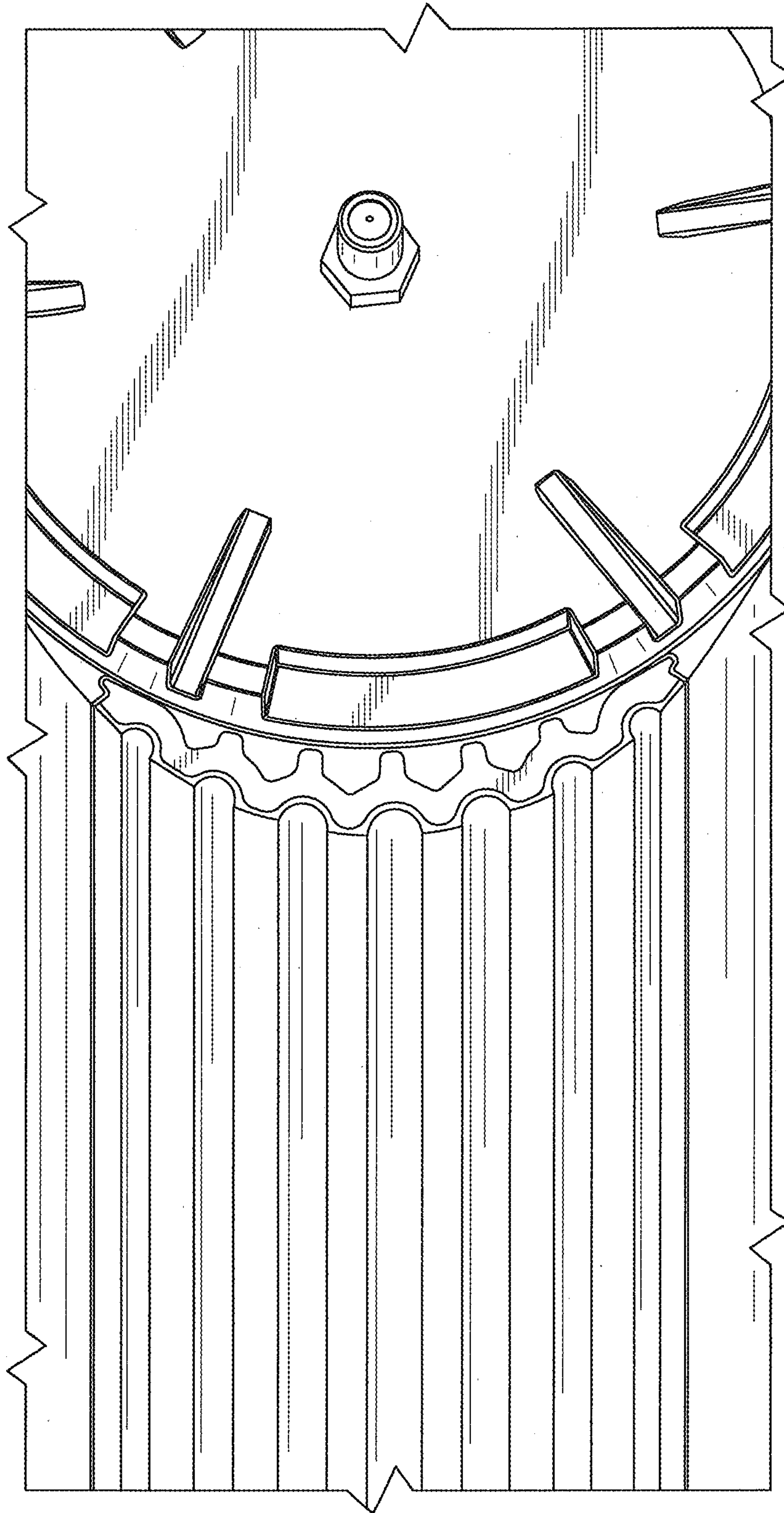


FIG. 8

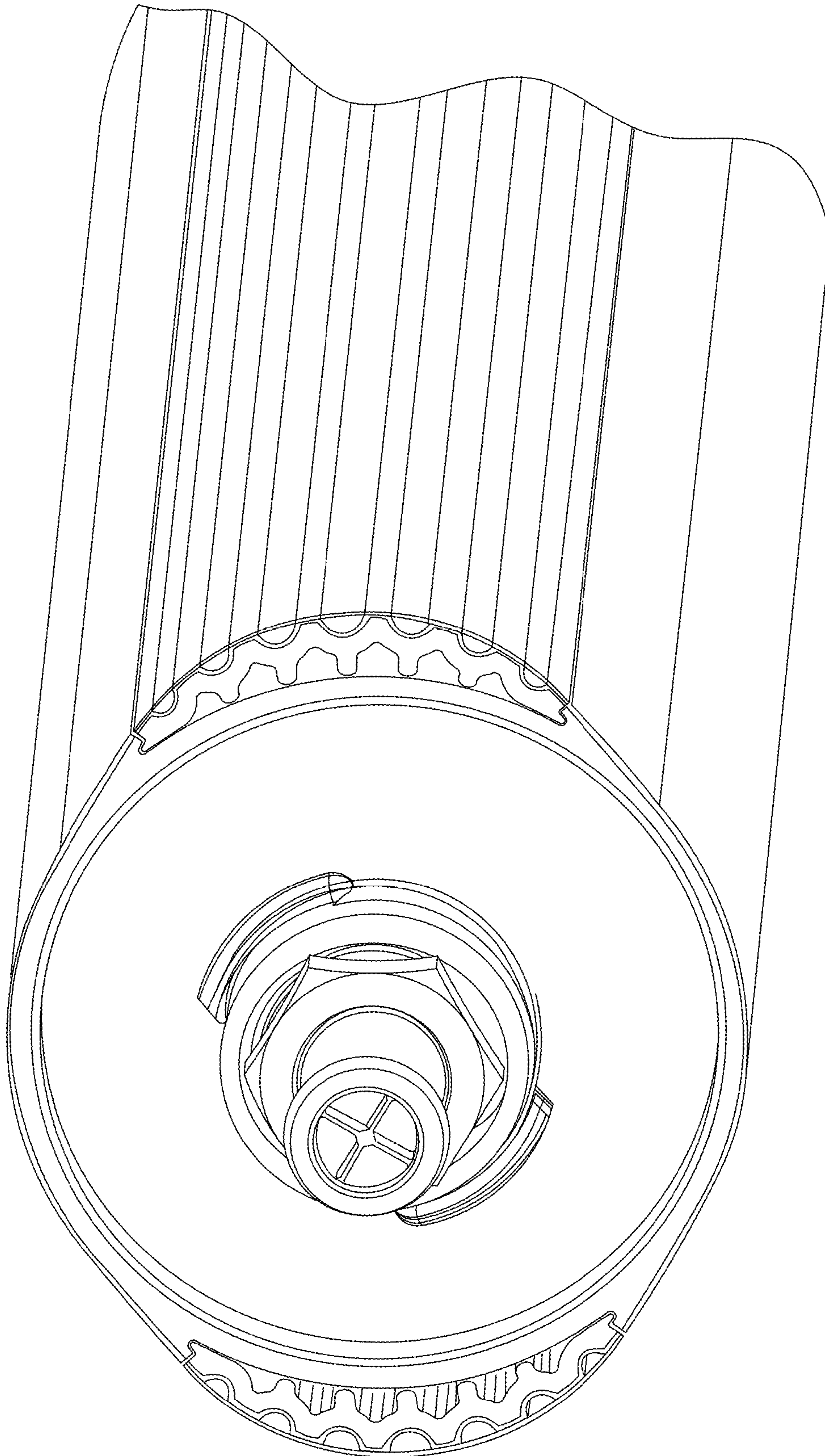


FIG. 9

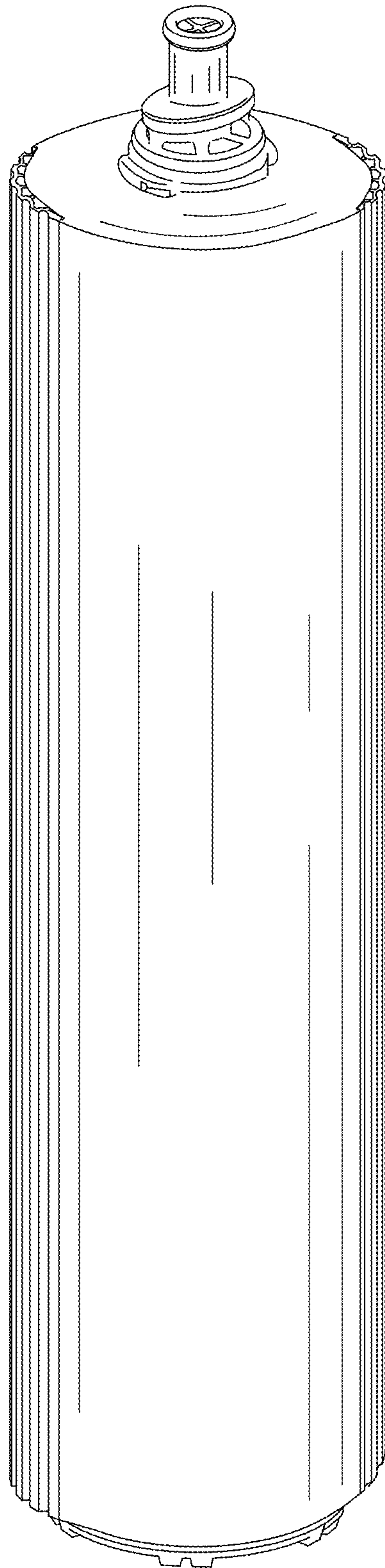


FIG. 10