



US00D768277S

(12) **United States Design Patent** (10) **Patent No.:** **US D768,277 S**
Moredock et al. (45) **Date of Patent:** **** Oct. 4, 2016**

(54) **FILTER CARTRIDGE FOR AIR CLEANER**

6,280,493 B1 8/2001 Eubank
6,348,086 B1 * 2/2002 Harms B01D 46/0045
55/385.3

(71) Applicant: **THE SY-KLONE COMPANY,**
Jacksonville, FL (US)

6,425,943 B1 7/2002 Moredock
D467,654 S 12/2002 Klug et al.
D471,623 S * 3/2003 Gieseke D23/365
6,569,219 B1 5/2003 Connor et al.
D481,101 S 10/2003 Boehrs et al.
6,958,083 B1 10/2005 Schmitz et al.

(72) Inventors: **James G. Moredock,** Neptune Beach,
FL (US); **Eric L. Ehrenberg,**
Jacksonville, FL (US)

(Continued)

(73) Assignee: **THE SY-KLONE COMPANY,**
Jacksonville, FL (US)

Primary Examiner — Sandra Snapp
(74) *Attorney, Agent, or Firm* — Oliff PLC

(**) Term: **15 Years**

(57) **CLAIM**

(21) Appl. No.: **29/533,125**

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

(22) Filed: **Jul. 14, 2015**

DESCRIPTION

(51) **LOC (10) Cl.** **23-04**

(52) **U.S. Cl.**
USPC **D23/365**

(58) **Field of Classification Search**
USPC D23/355–365, 386–388, 314, 325, 302,
D23/283, 493, 502; 55/478, 482, 483, 490,
55/497, 498, 520, 521, 529, 508, 511;
95/273, 278, 279, 280

CPC .. B01D 46/00; B01D 46/0004; B01D 27/04;
B01D 27/06; B01D 39/00

See application file for complete search history.

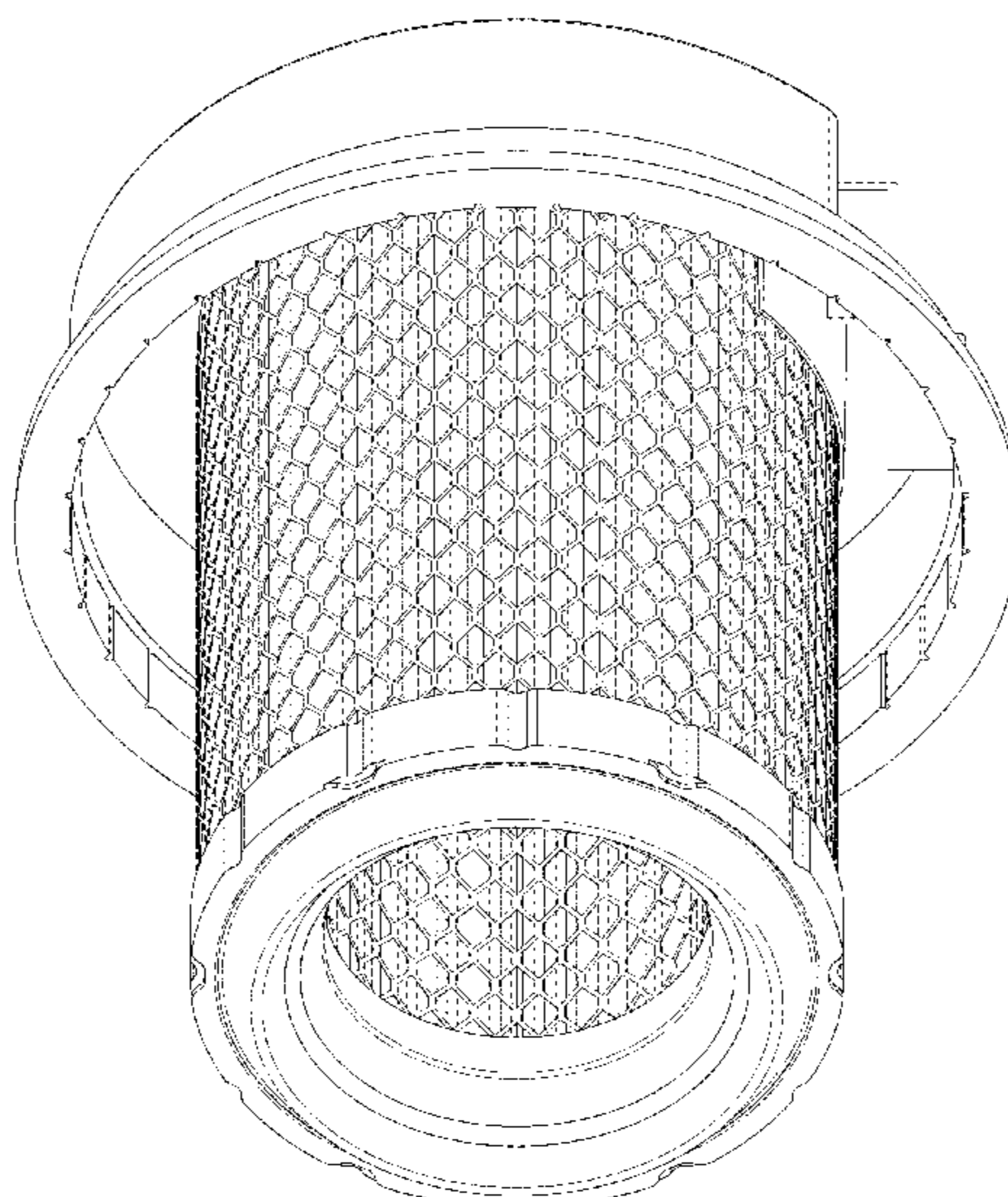
FIG. 1 is a top plan view of one embodiment of the filter cartridge for air cleaner showing our new design;
FIG. 2 is a front side elevational view thereof;
FIG. 3 is a right side elevational view thereof;
FIG. 4 is a bottom plan view thereof;
FIG. 5 is a perspective view thereof from the side and above;
FIG. 6 is a perspective view thereof from the side and below;
FIG. 7 is a side elevational view thereof showing the filter cartridge for air cleaner in a position of use on an air cleaner shown in dashed lines;
FIG. 8 is a top plan view of a second embodiment of the filter cartridge for air cleaner showing our new design;
FIG. 9 is a front side elevational view thereof;
FIG. 10 is a right side elevational view thereof;
FIG. 11 is a bottom plan view thereof;
FIG. 12 is a perspective view thereof from the side and above; and,
FIG. 13 is a perspective view thereof from the side and below.
The dashed lines shown in FIG. 7 are for illustrative purposes only and from no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 4,314,832 A 2/1982 Fox
- 4,350,509 A 9/1982 Alseth et al.
- 4,488,889 A 12/1984 McCarroll
- 4,890,444 A 1/1990 Vander Giessen et al.
- 5,112,372 A 5/1992 Boeckermann et al.
- 5,211,846 A 5/1993 Kott et al.
- 5,800,581 A 9/1998 Gielink et al.
- D401,306 S 11/1998 Ward et al.
- D407,475 S 3/1999 Coulonvaux et al.
- D438,214 S * 2/2001 Gieseke D15/5

1 Claim, 13 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

| | | | | | |
|----------------|---------|------------------------------|-------------------|---------|-----------------------------|
| 7,004,987 B2 | 2/2006 | Pikesh et al. | 8,414,675 B2 | 4/2013 | Iddings et al. |
| 7,056,368 B2 | 6/2006 | Moredock et al. | 8,529,324 B2 | 9/2013 | Moredock et al. |
| 7,452,409 B2 | 11/2008 | Moredock et al. | D691,252 S | 10/2013 | Moredock et al. |
| 7,537,631 B2 | 5/2009 | Scott et al. | D694,871 S * | 12/2013 | Maholick D23/365 |
| 7,662,203 B2 | 2/2010 | Scott et al. | D717,420 S * | 11/2014 | Von Seggern D23/365 |
| 7,815,705 B2 * | 10/2010 | Ehrenberg B01D 46/2414 | 8,945,282 B2 | 2/2015 | Moredock et al. |
| | | 55/428 | D737,945 S * | 9/2015 | Leatzow D23/365 |
| D632,770 S | 2/2011 | Rotter et al. | D746,969 S * | 1/2016 | Leatzow D23/365 |
| 8,292,984 B2 | 10/2012 | Baseotto et al. | 2007/0173188 A1 | 7/2007 | Moredock et al. |
| 8,394,166 B2 | 3/2013 | Scott et al. | 2012/0060453 A1 | 3/2012 | Holzmann et al. |
| | | | 2014/0260144 A1 * | 9/2014 | Williams B01D 46/0005 |
| | | | | | 55/502 |

* cited by examiner

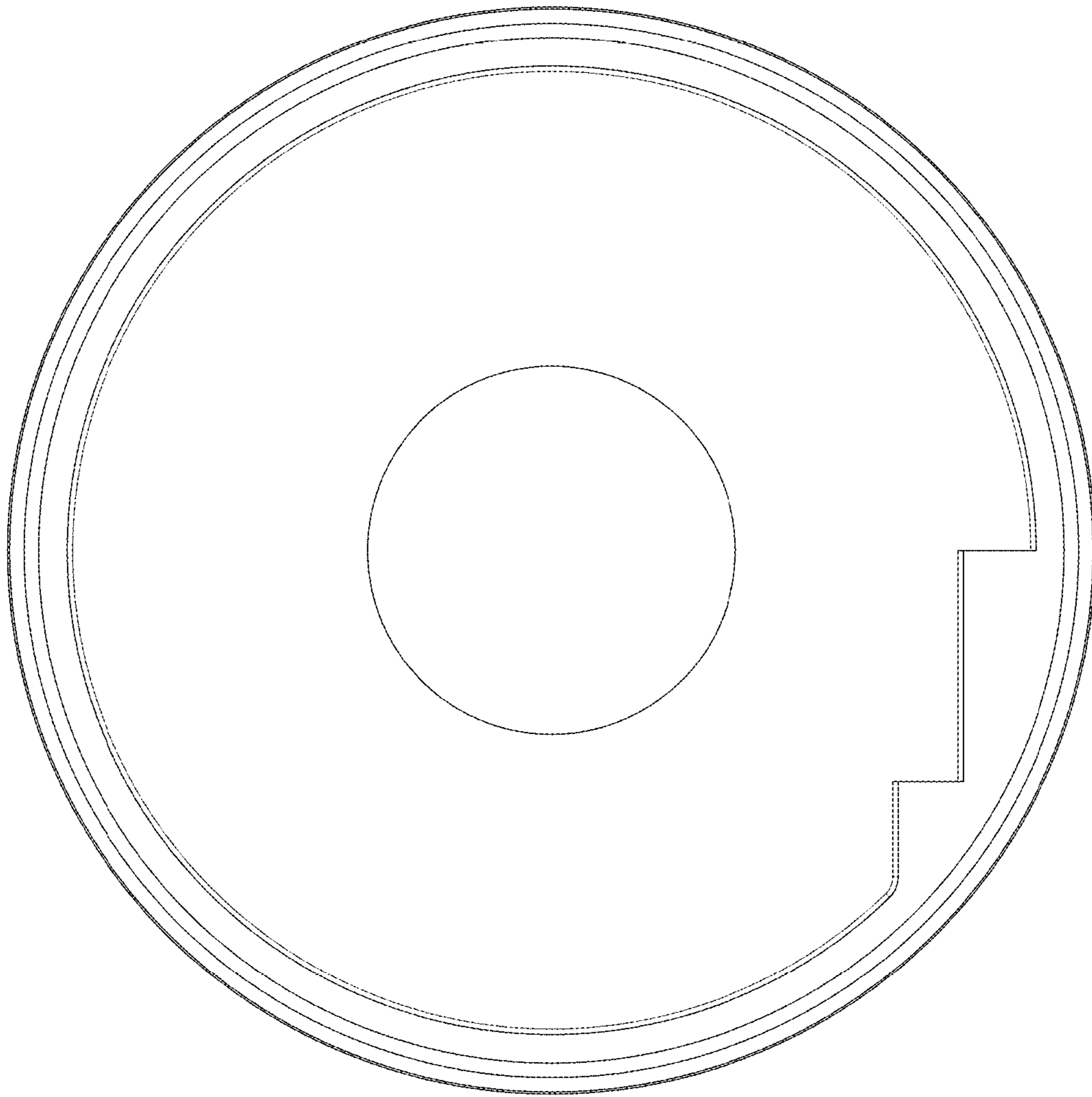


FIG. 1

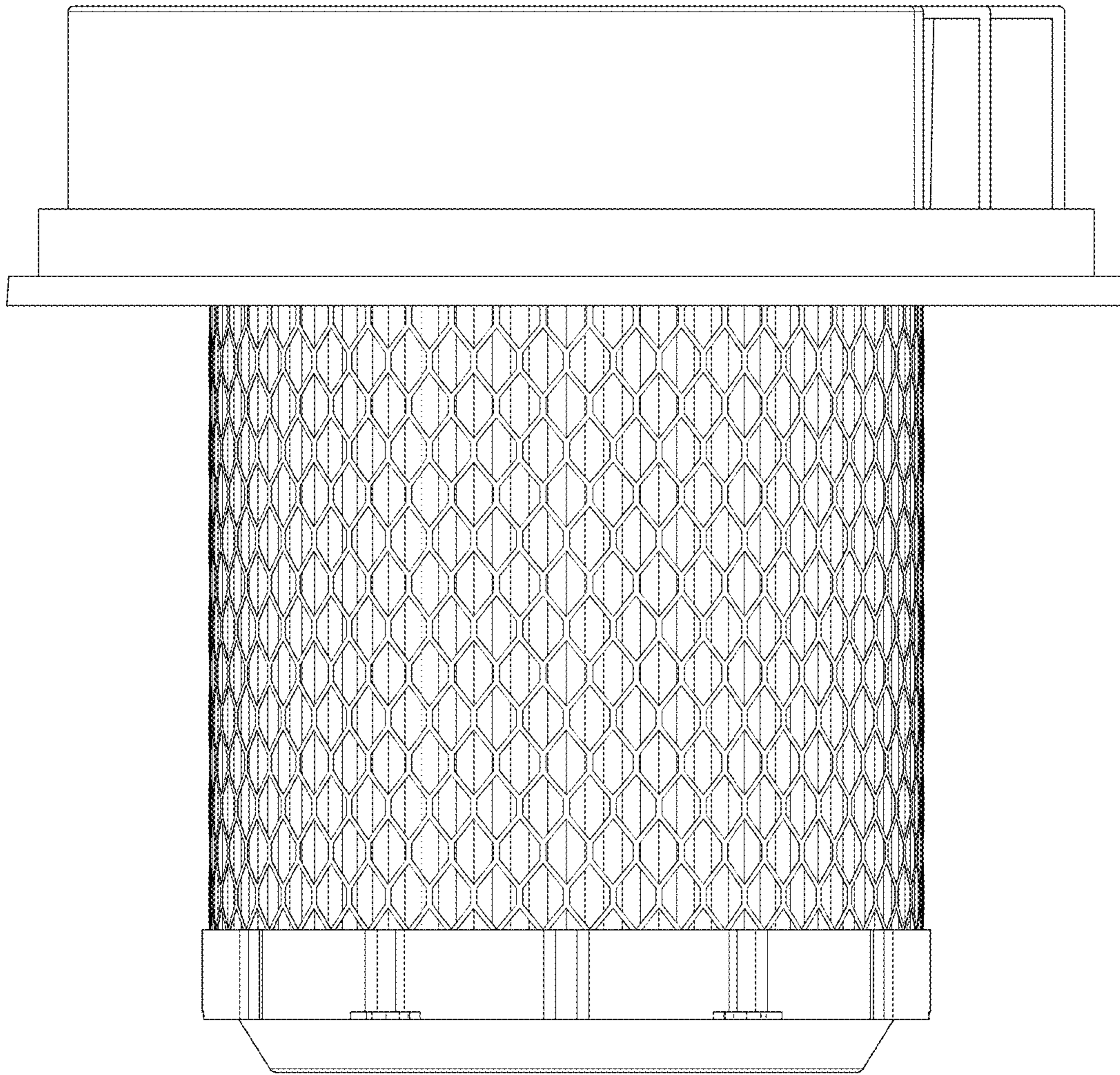


FIG. 2

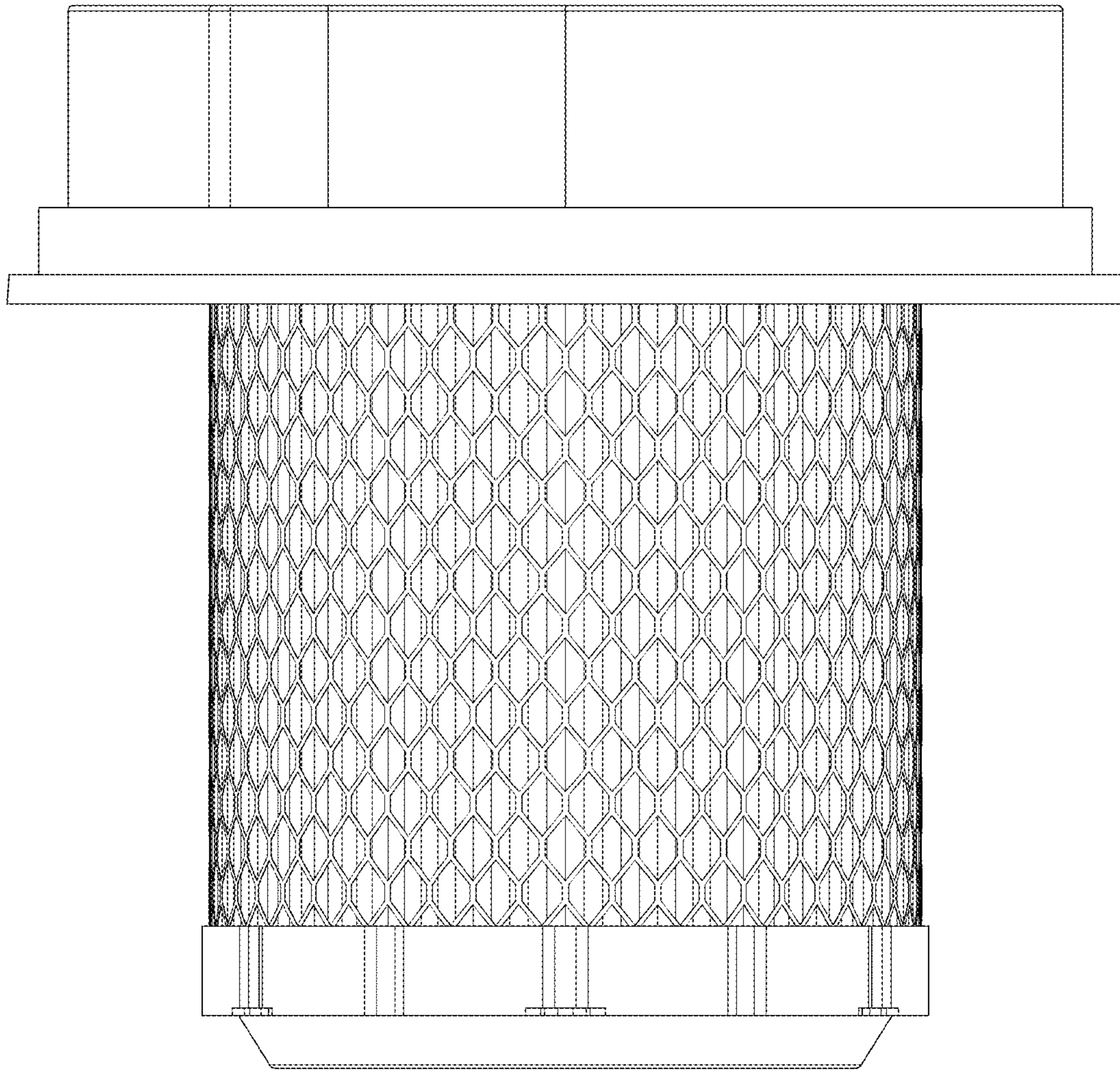


FIG. 3

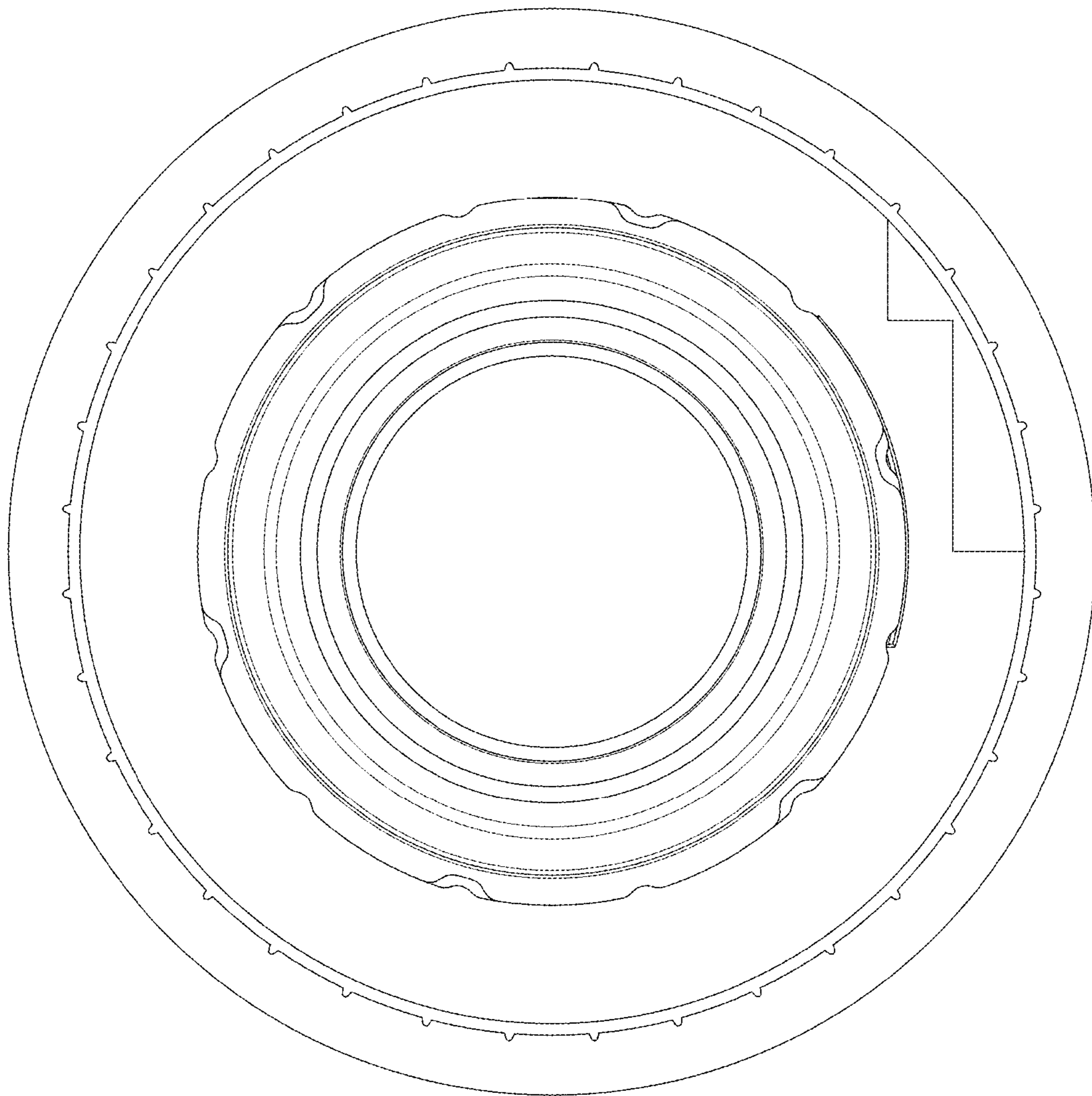


FIG. 4

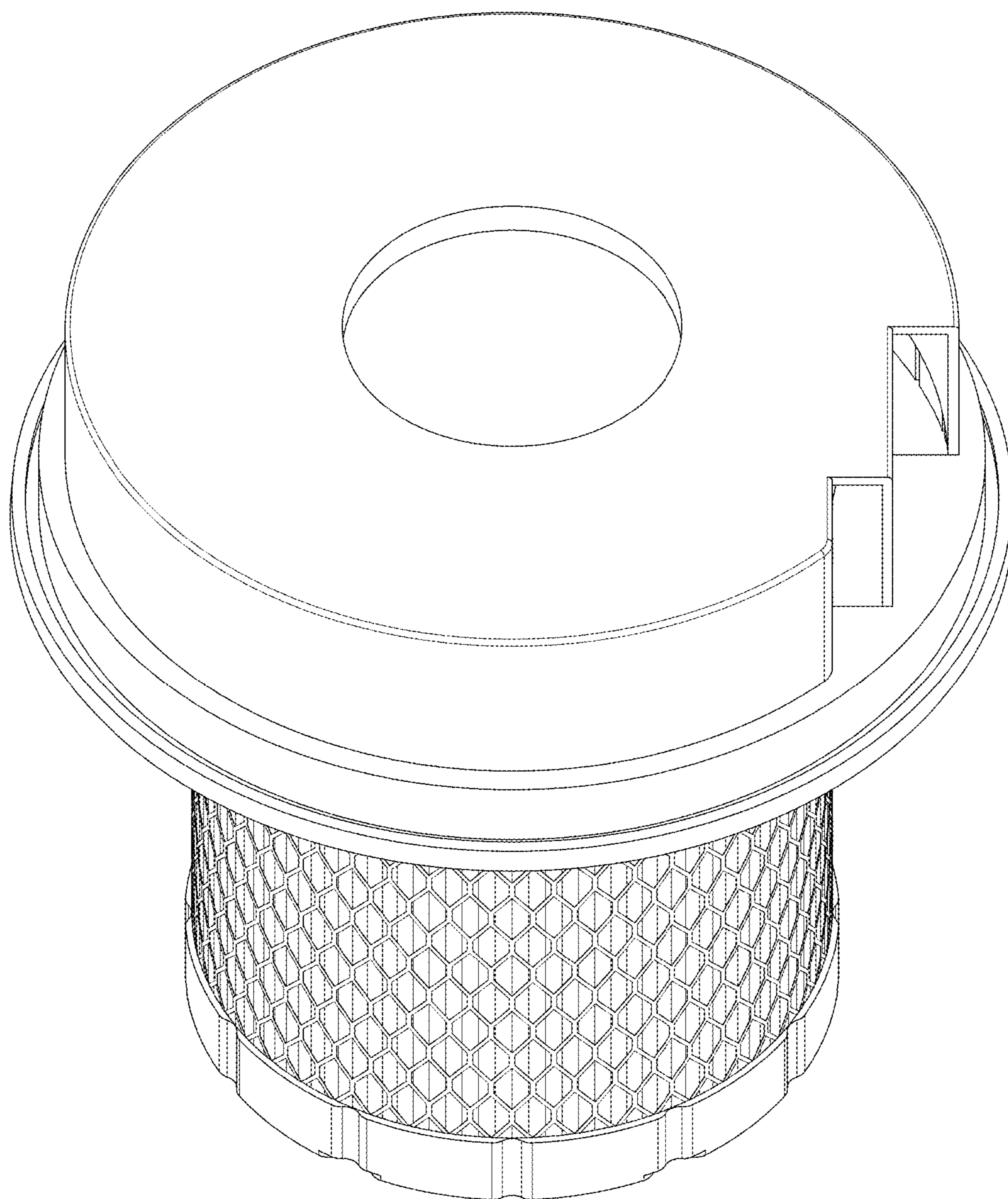


FIG. 5

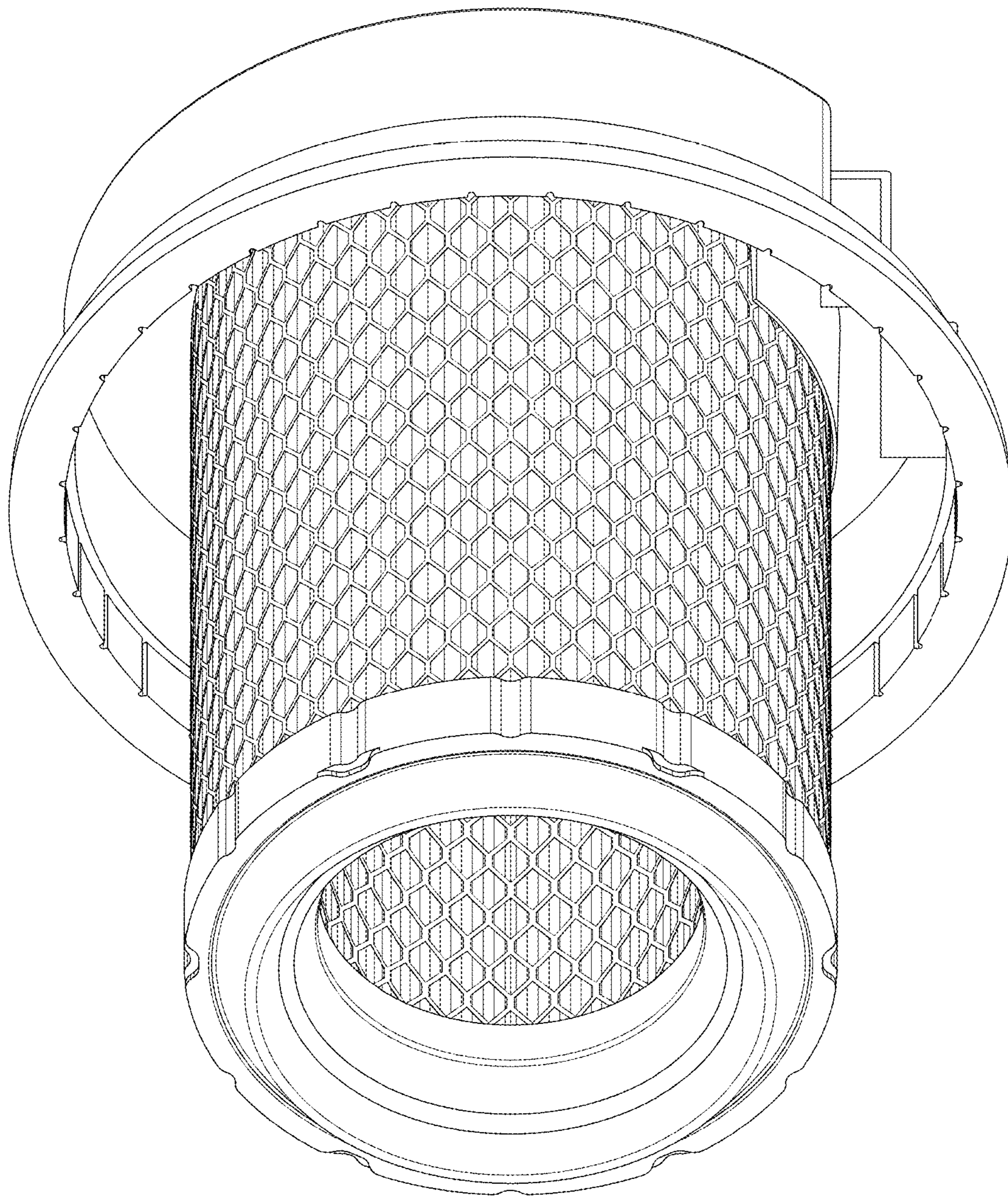


FIG. 6

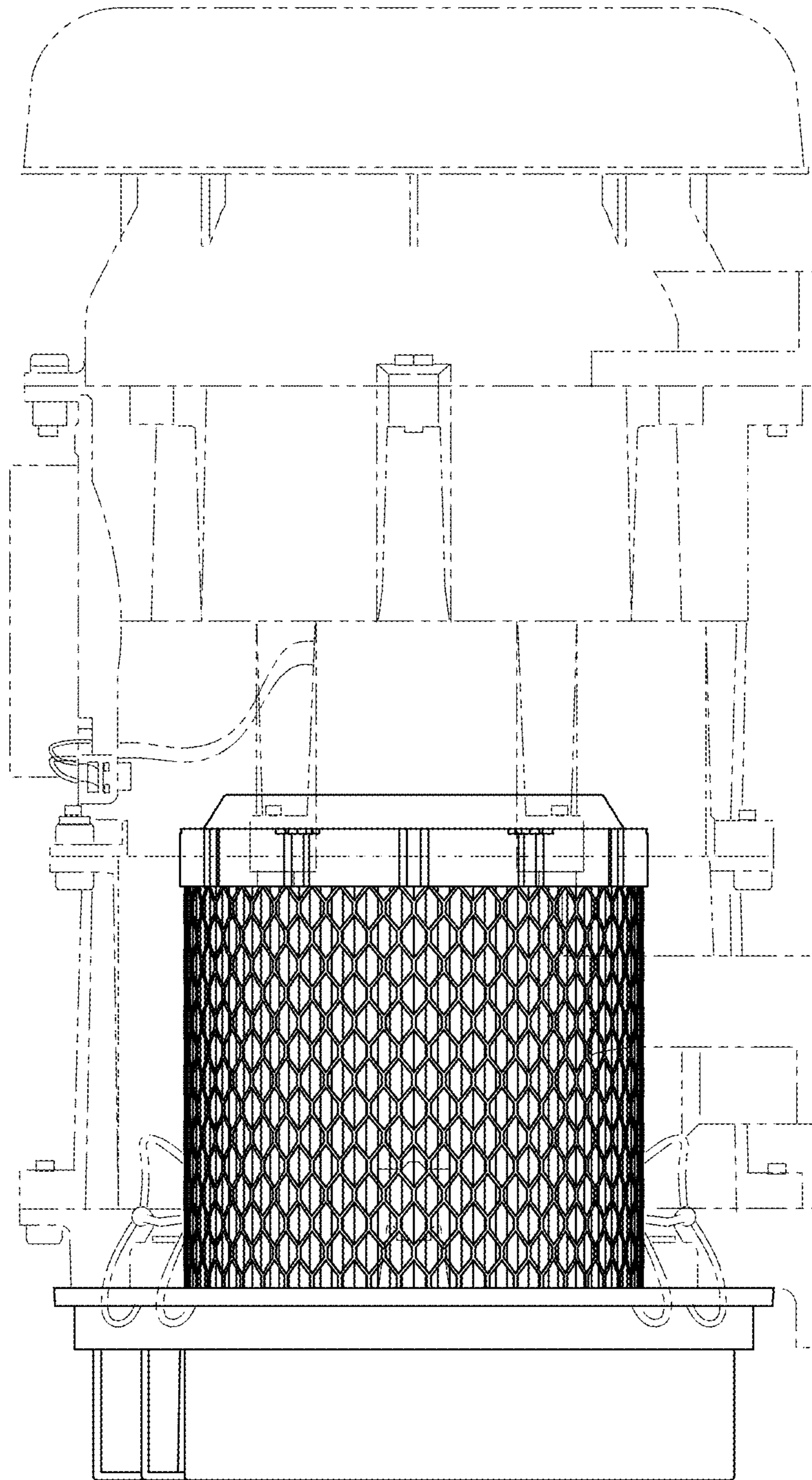


FIG. 7

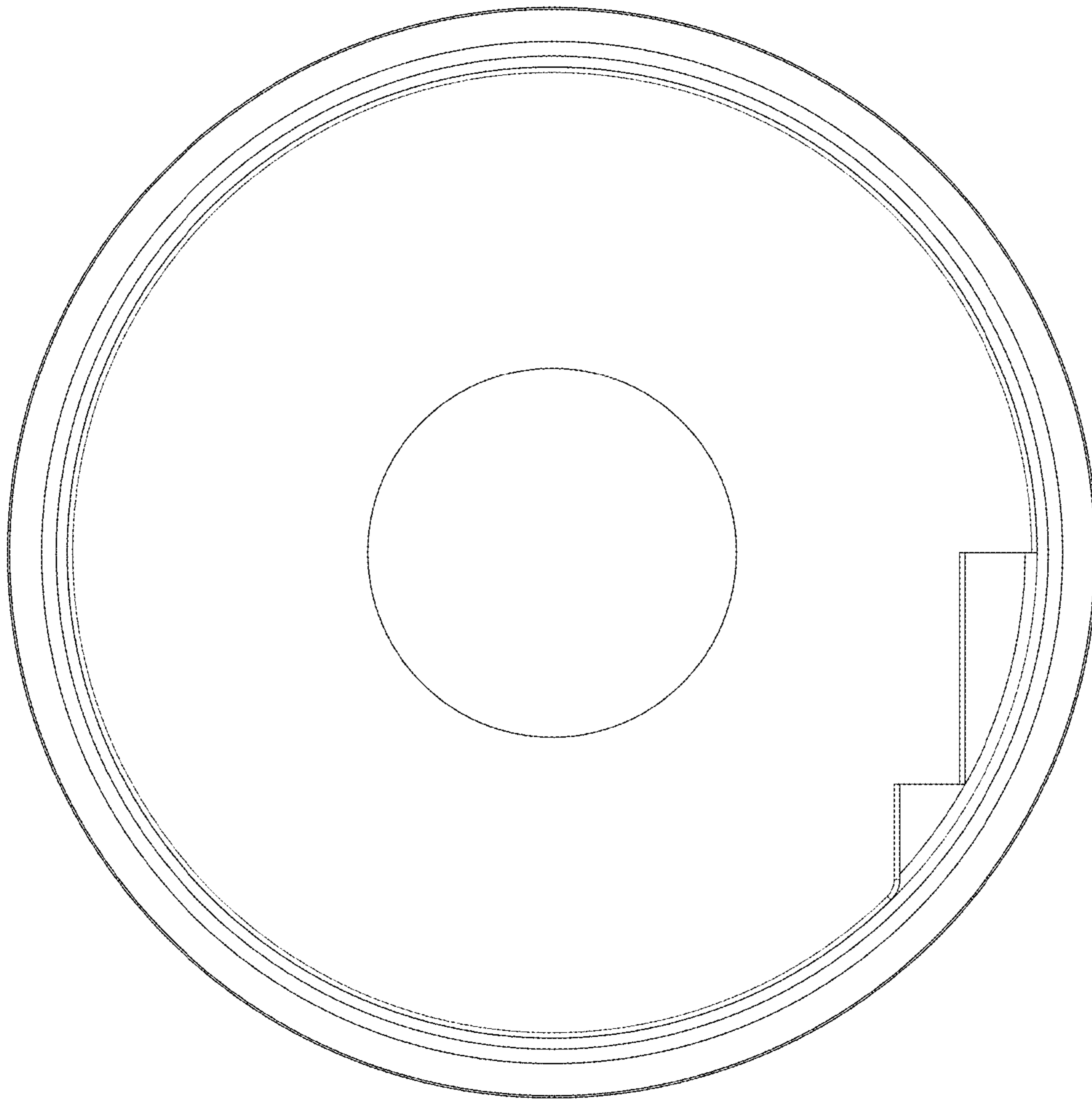


FIG. 8

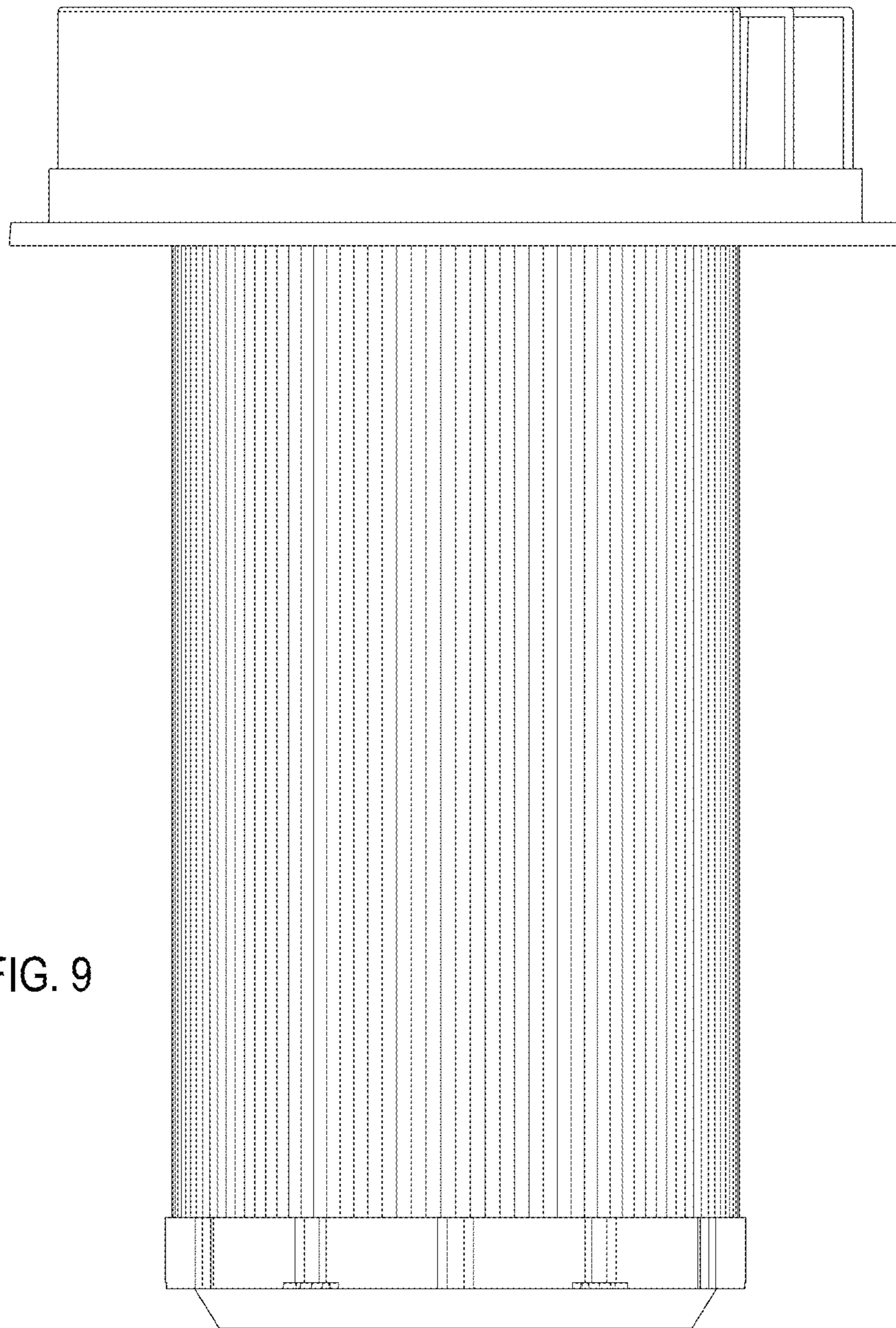


FIG. 9

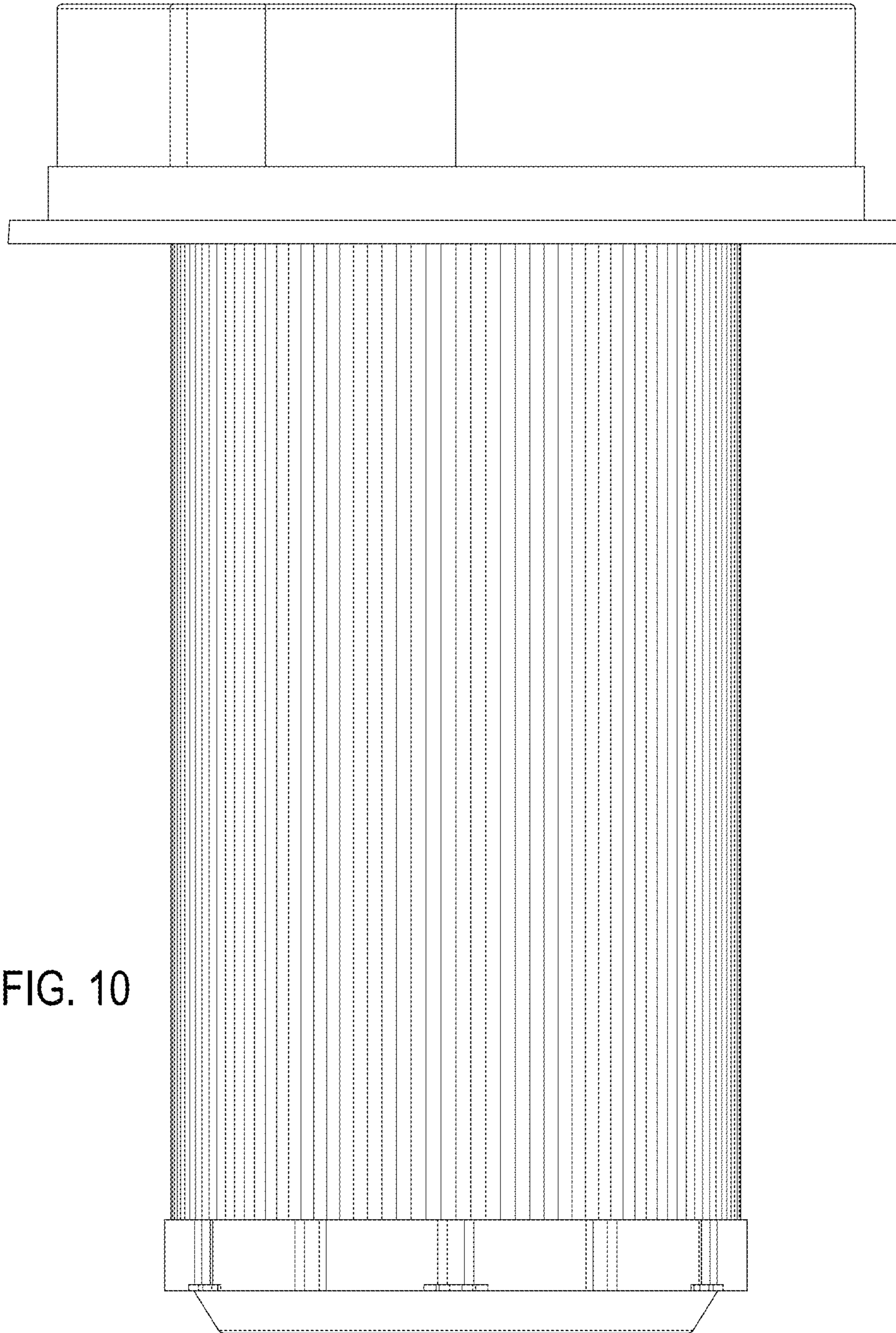


FIG. 10

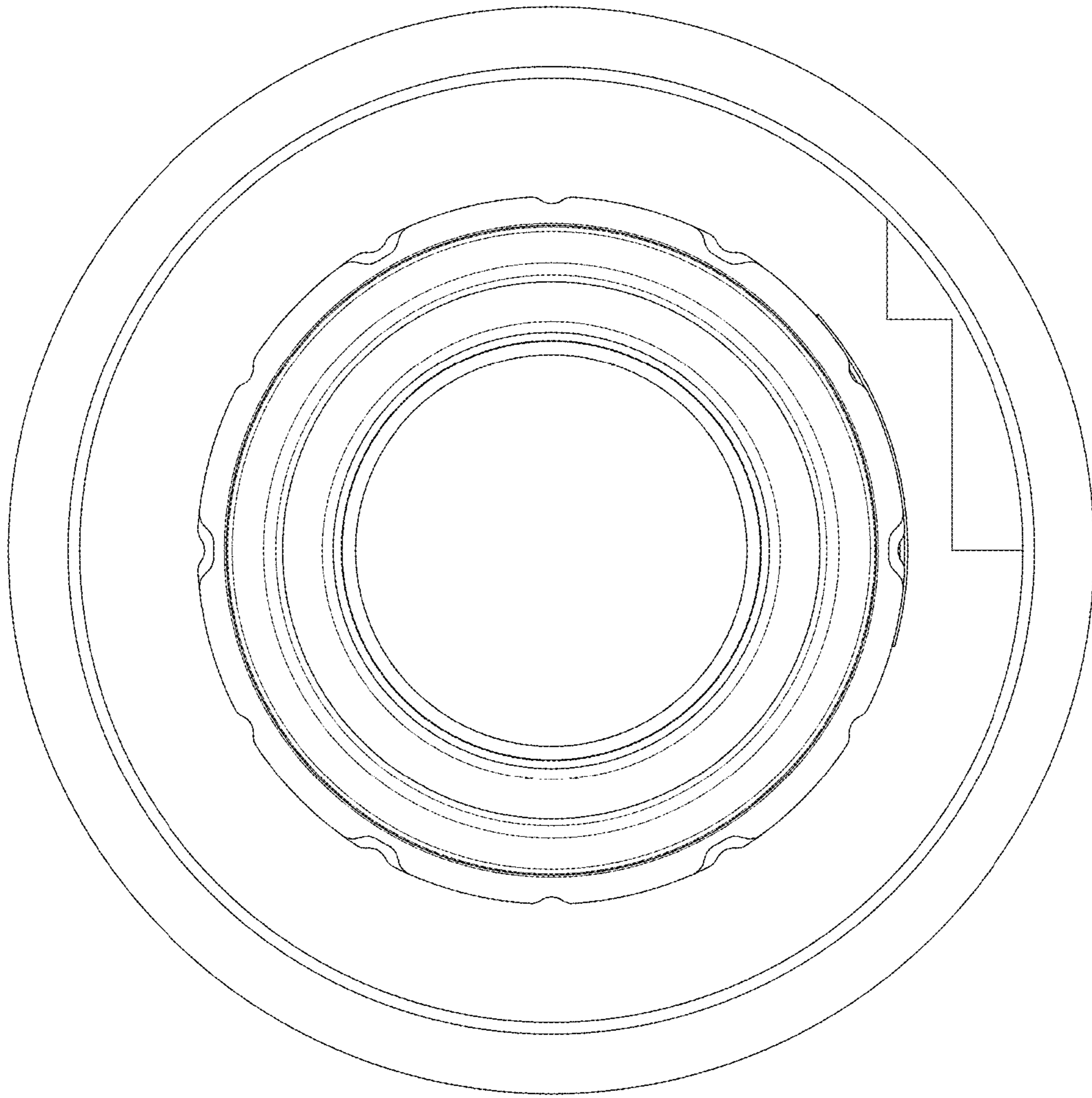


FIG. 11

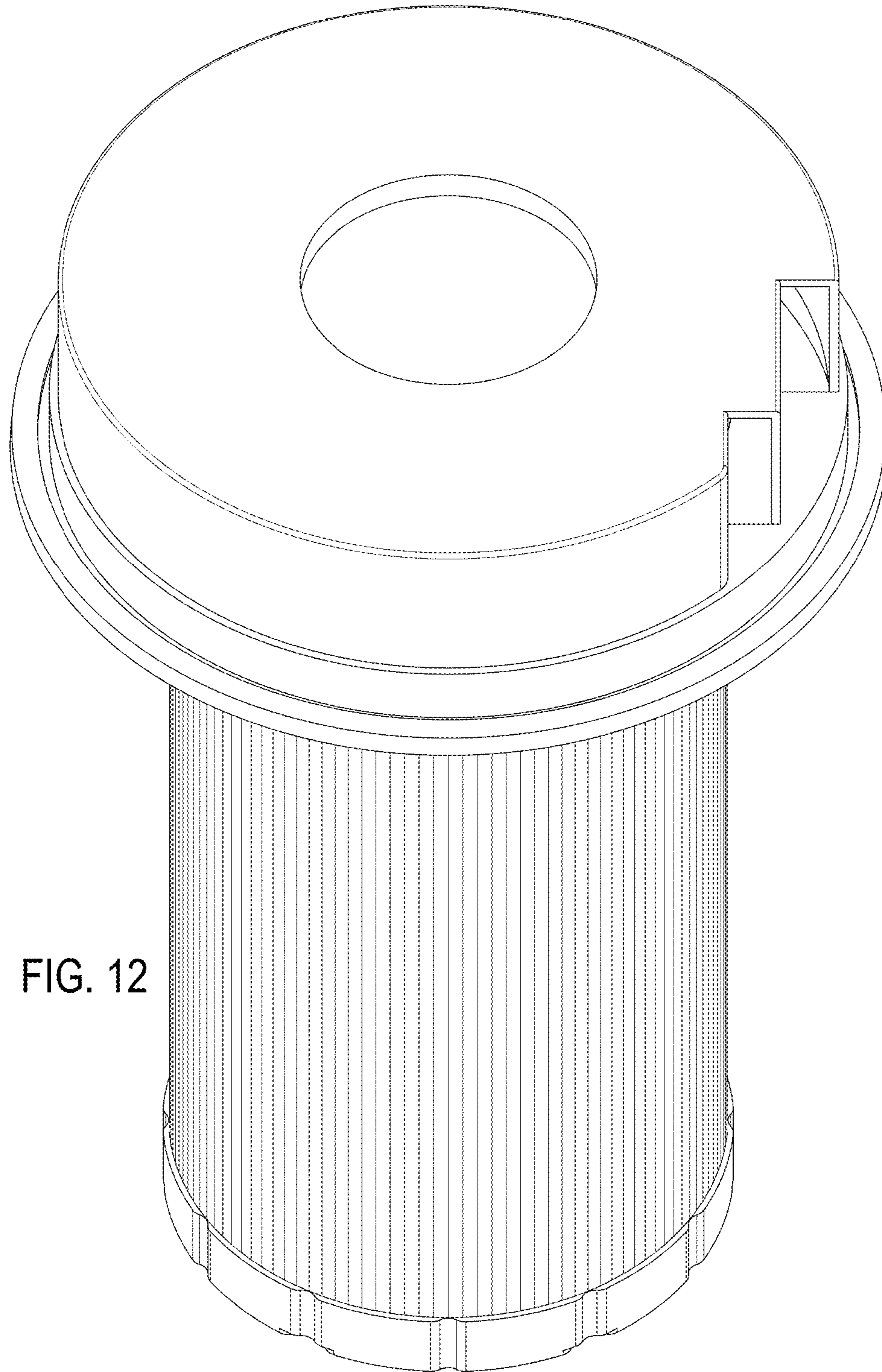


FIG. 12

