



US00D691238S

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

(10) **Patent No.:** **US D691,238 S**

(45) **Date of Patent:** **\*\* Oct. 8, 2013**

(54) **FLOW REGULATOR**

(75) Inventor: **Hermann Grether**, Mullheim (DE)

(73) Assignee: **Neoperl GmbH**, Mullheim (DE)

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

(21) Appl. No.: **29/397,968**

(22) Filed: **Jul. 25, 2011**

(30) **Foreign Application Priority Data**

Feb. 9, 2011 (EP) ..... 001259394

(51) **LOC (9) Cl.** ..... **23-01**

(52) **U.S. Cl.**

USPC ..... **D23/213**

(58) **Field of Classification Search**

USPC ..... D23/213, 249; 239/428.5, 437;  
261/DIG. 22

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D536,417 S *	2/2007	Buttgen	.....	D23/213
D537,916 S *	3/2007	Buttgen	.....	D23/213
D577,416 S *	9/2008	Buttgen	.....	D23/213

\* cited by examiner

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(57) **CLAIM**

The design for a flow regulator, as shown and described.

**DESCRIPTION**

FIG. 1 is a top, front perspective view of a flow regulator in accordance with my design;

FIG. 2 is a bottom, rear perspective view thereof;

FIG. 3 is a top plan view thereof;

FIG. 4 is a bottom view thereof; and

FIG. 5 is an elevational view thereof;

FIG. 6 is a top, front perspective view of a second embodiment of a flow regulator in accordance with my design;

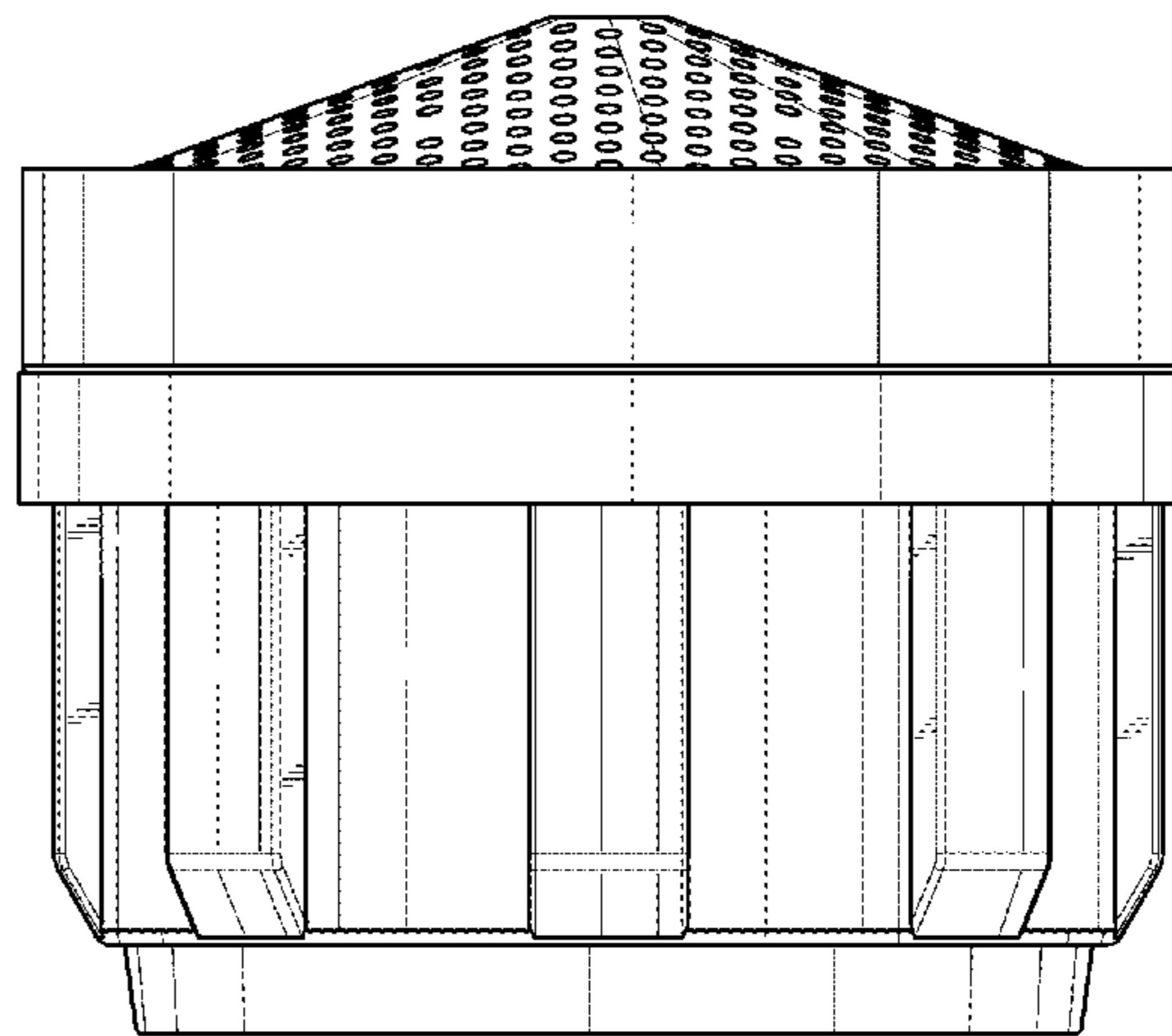
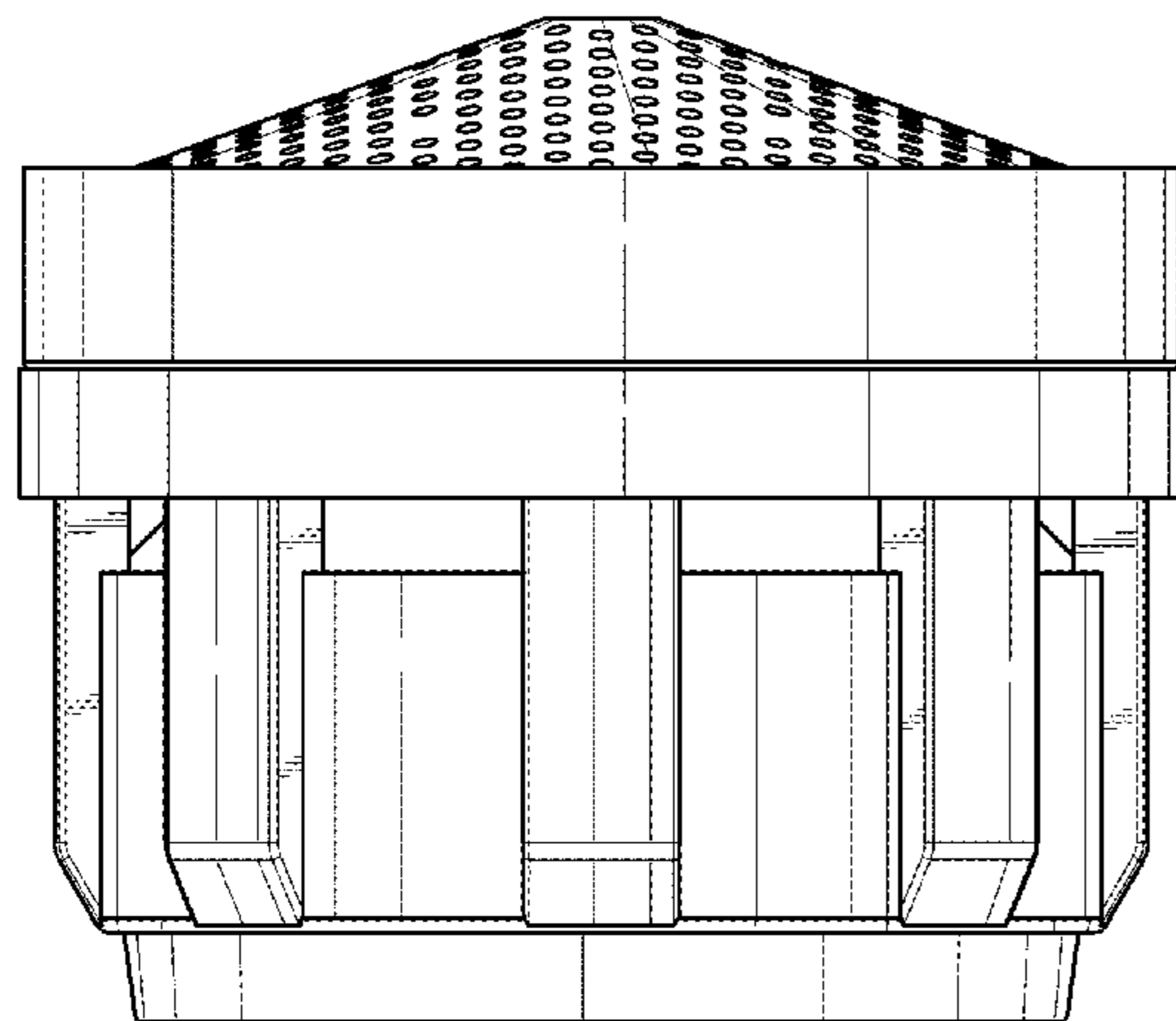
FIG. 7 is a bottom, rear perspective view thereof;

FIG. 8 is a top plan view thereof;

FIG. 9 is a bottom view thereof; and,

FIG. 10 is an elevational view thereof.

**1 Claim, 10 Drawing Sheets**



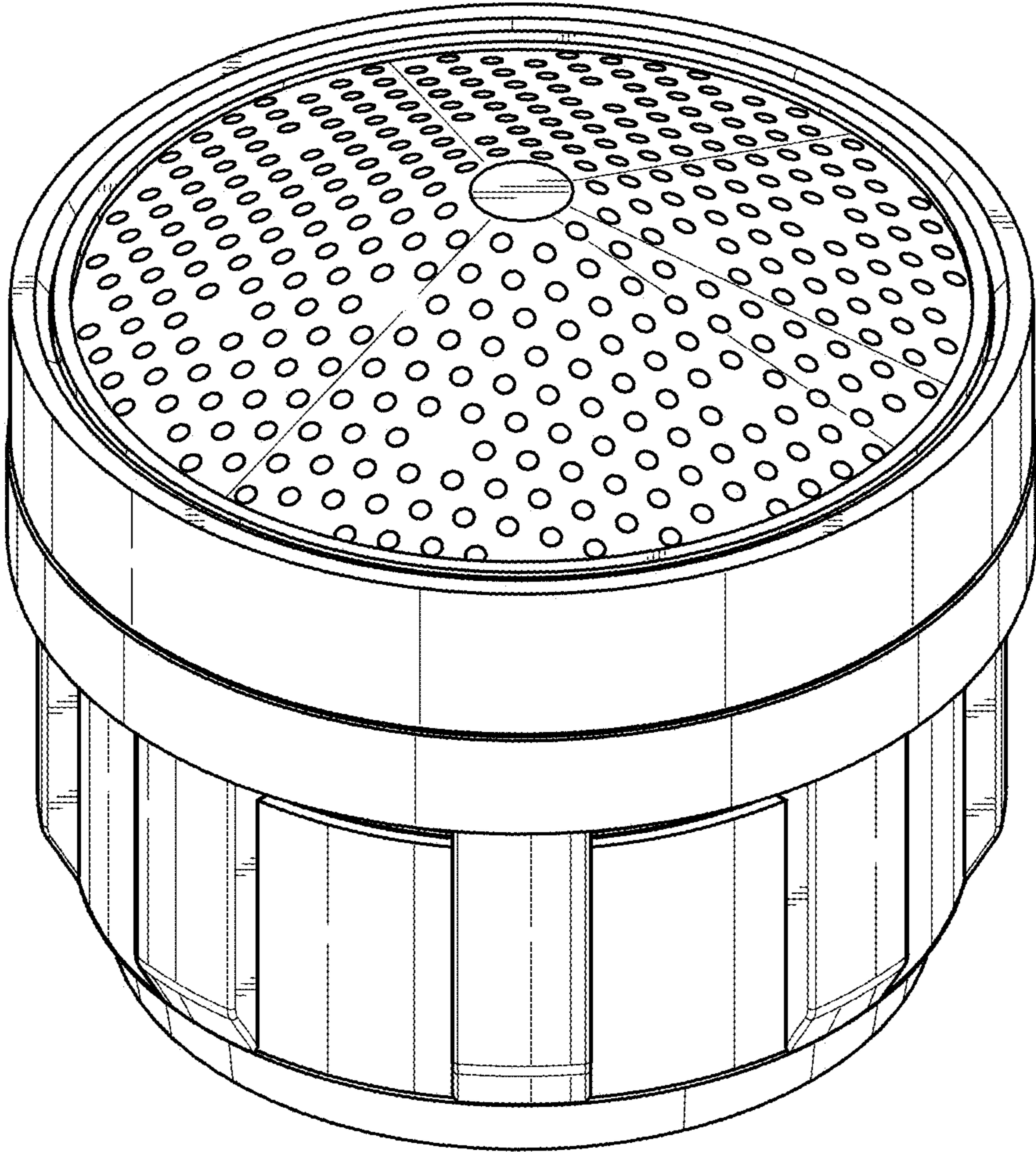


FIG. 1

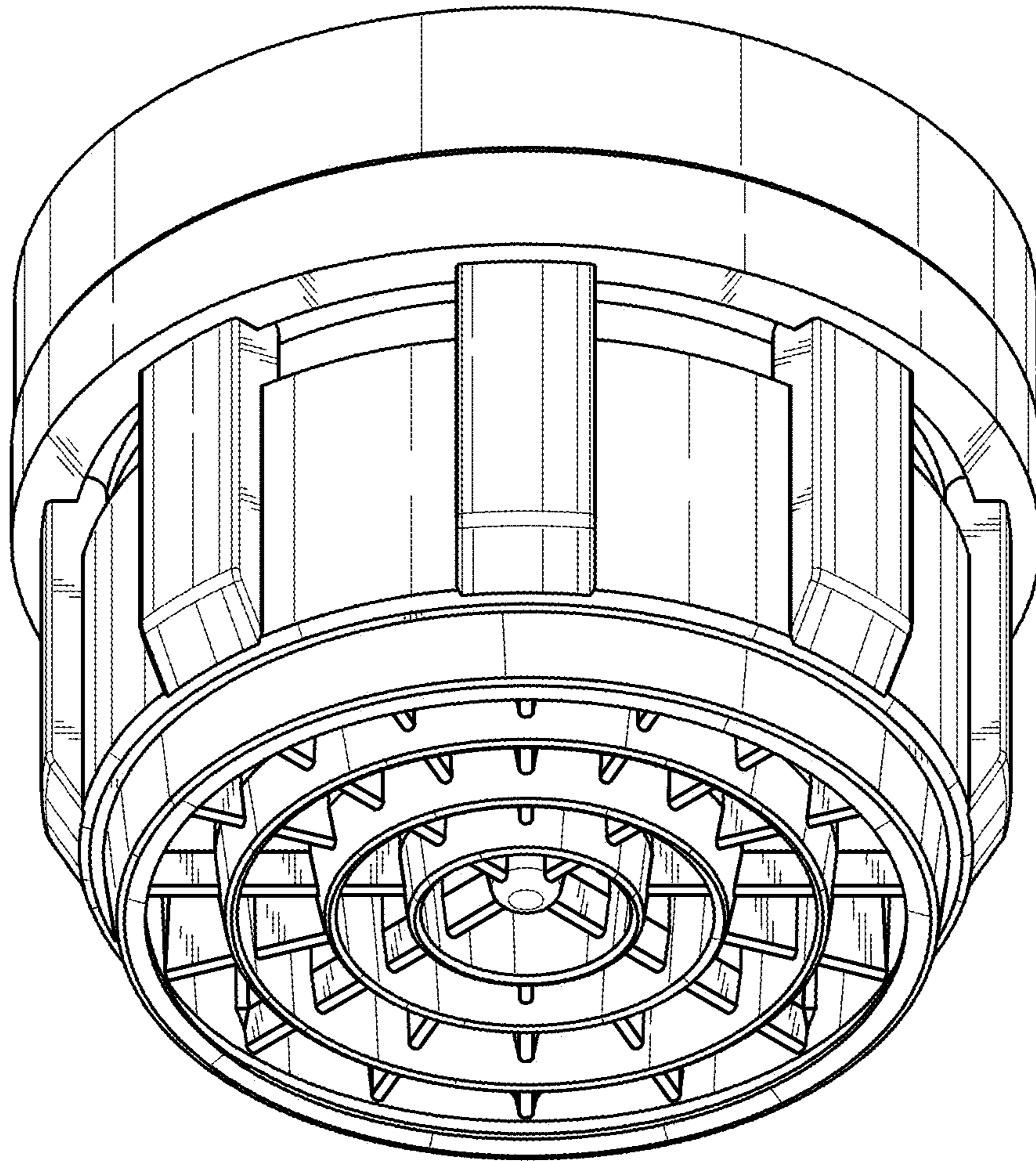


FIG. 2

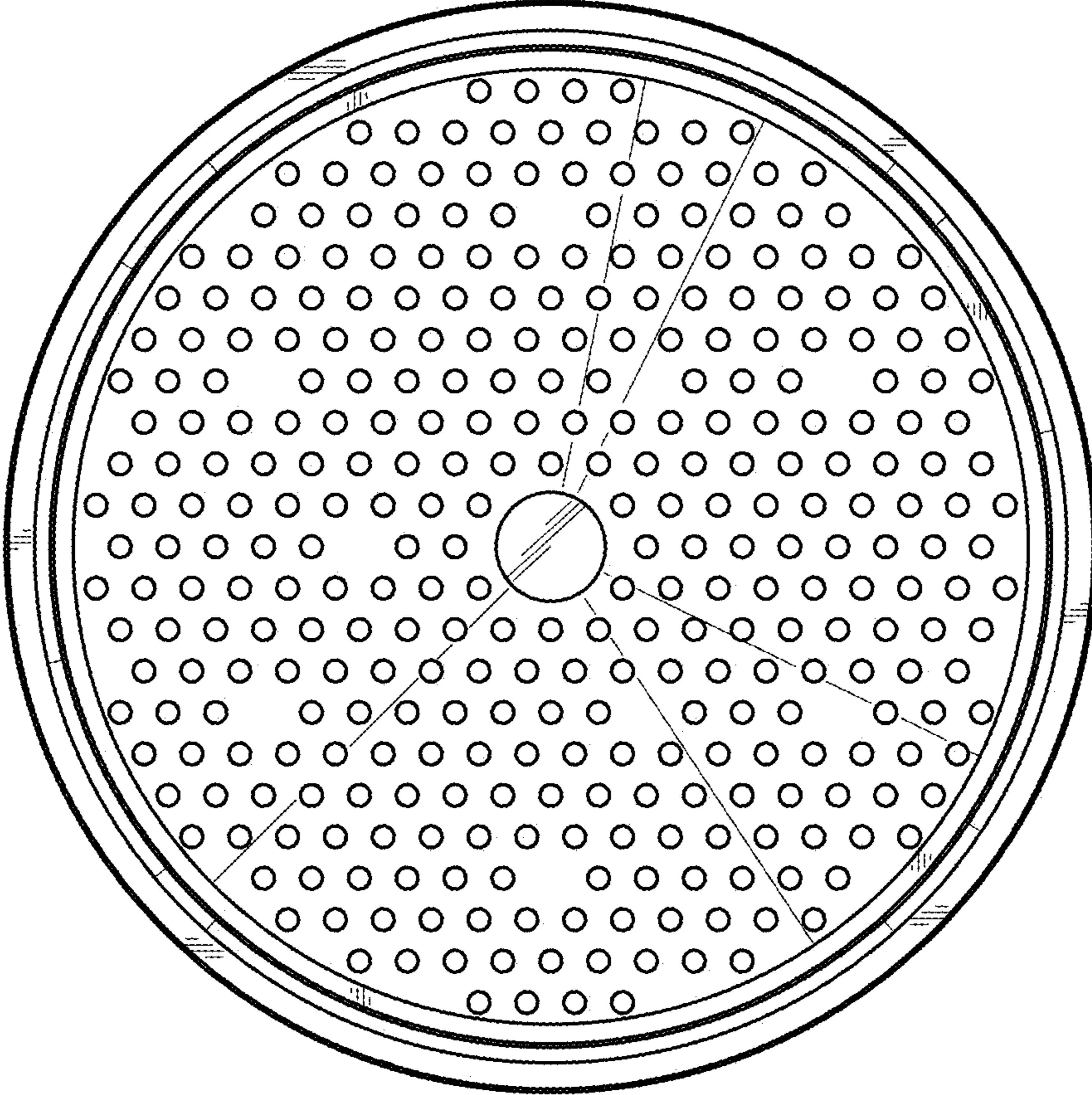


FIG. 3

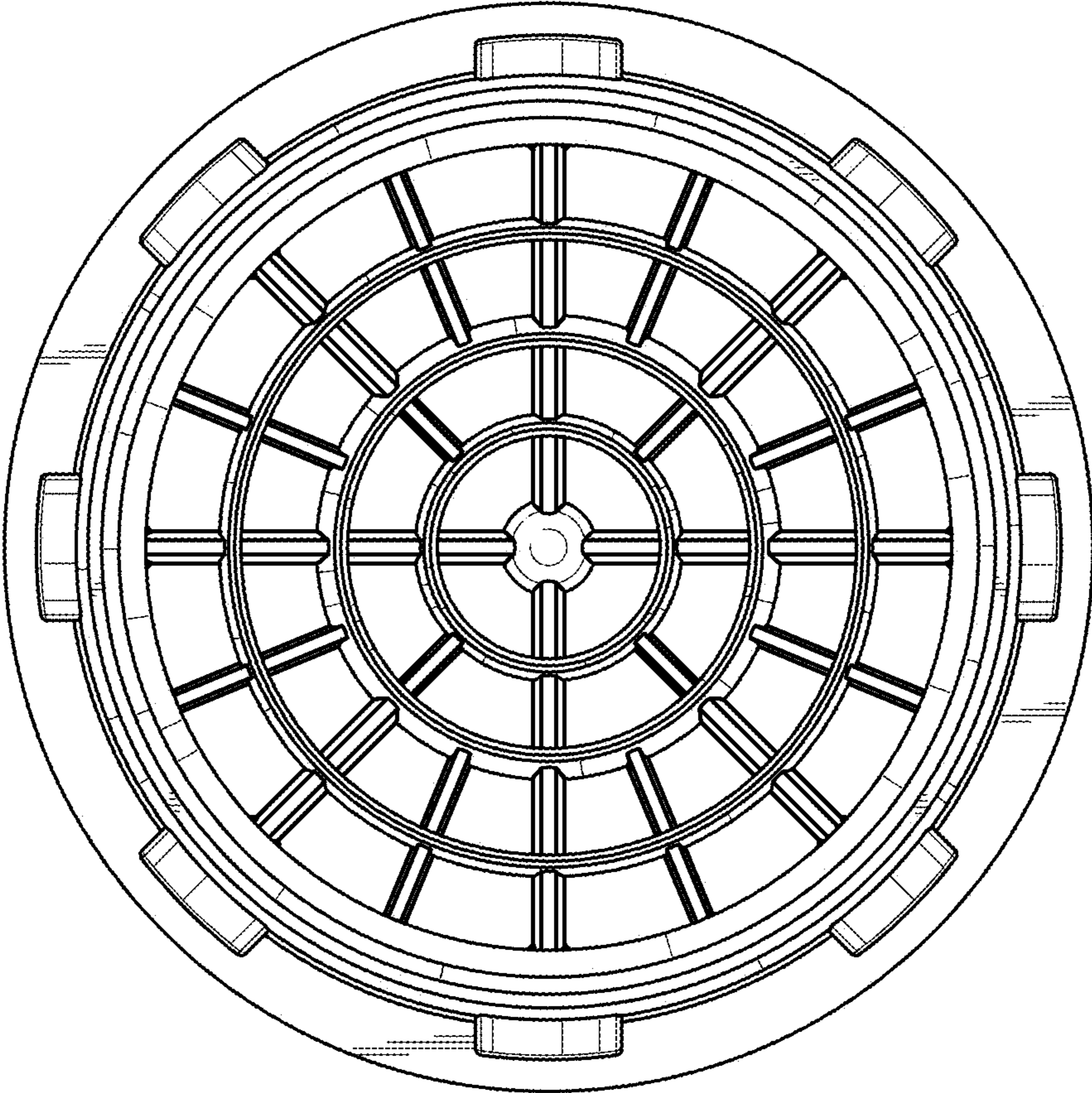


FIG. 4

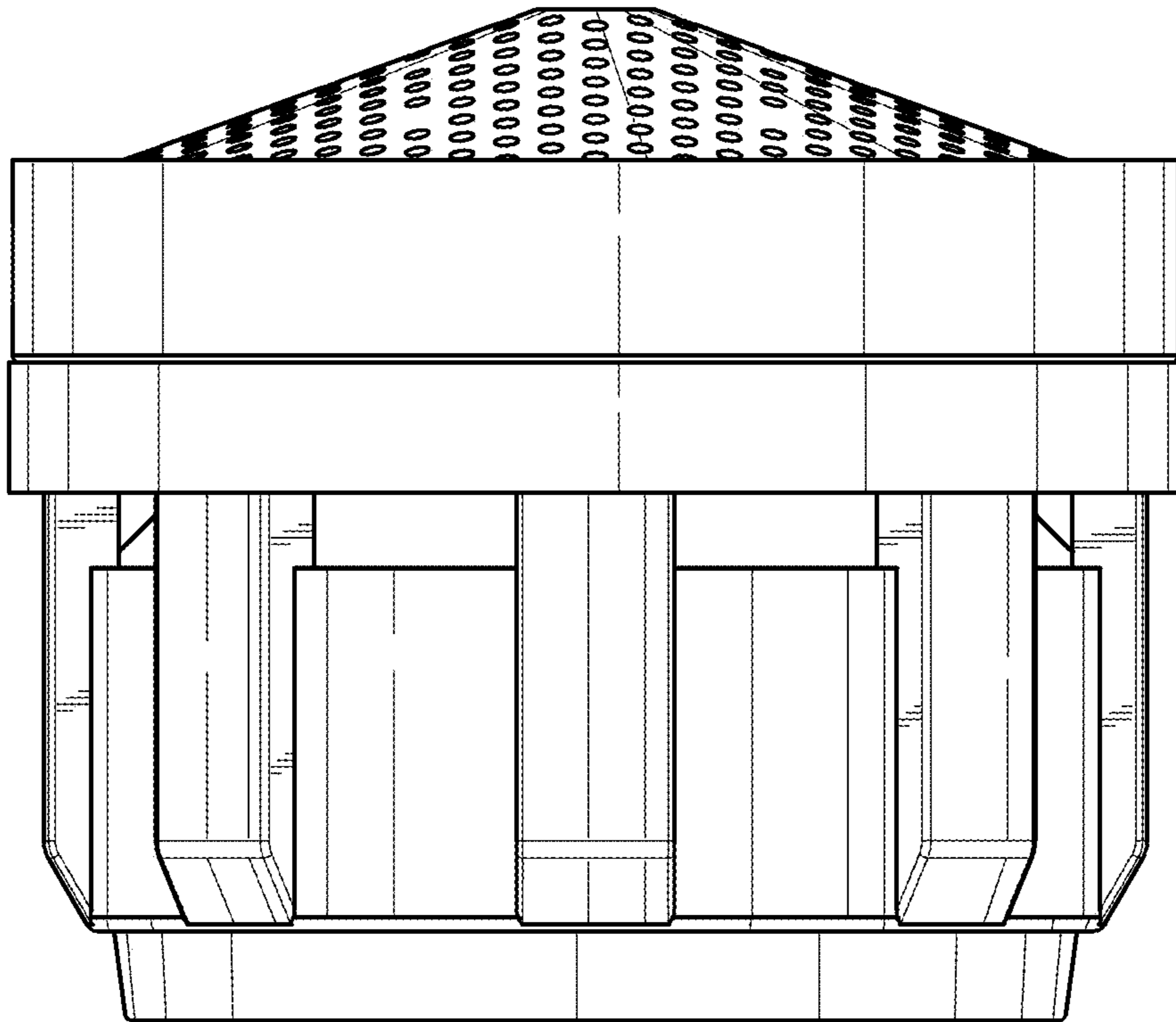


FIG. 5

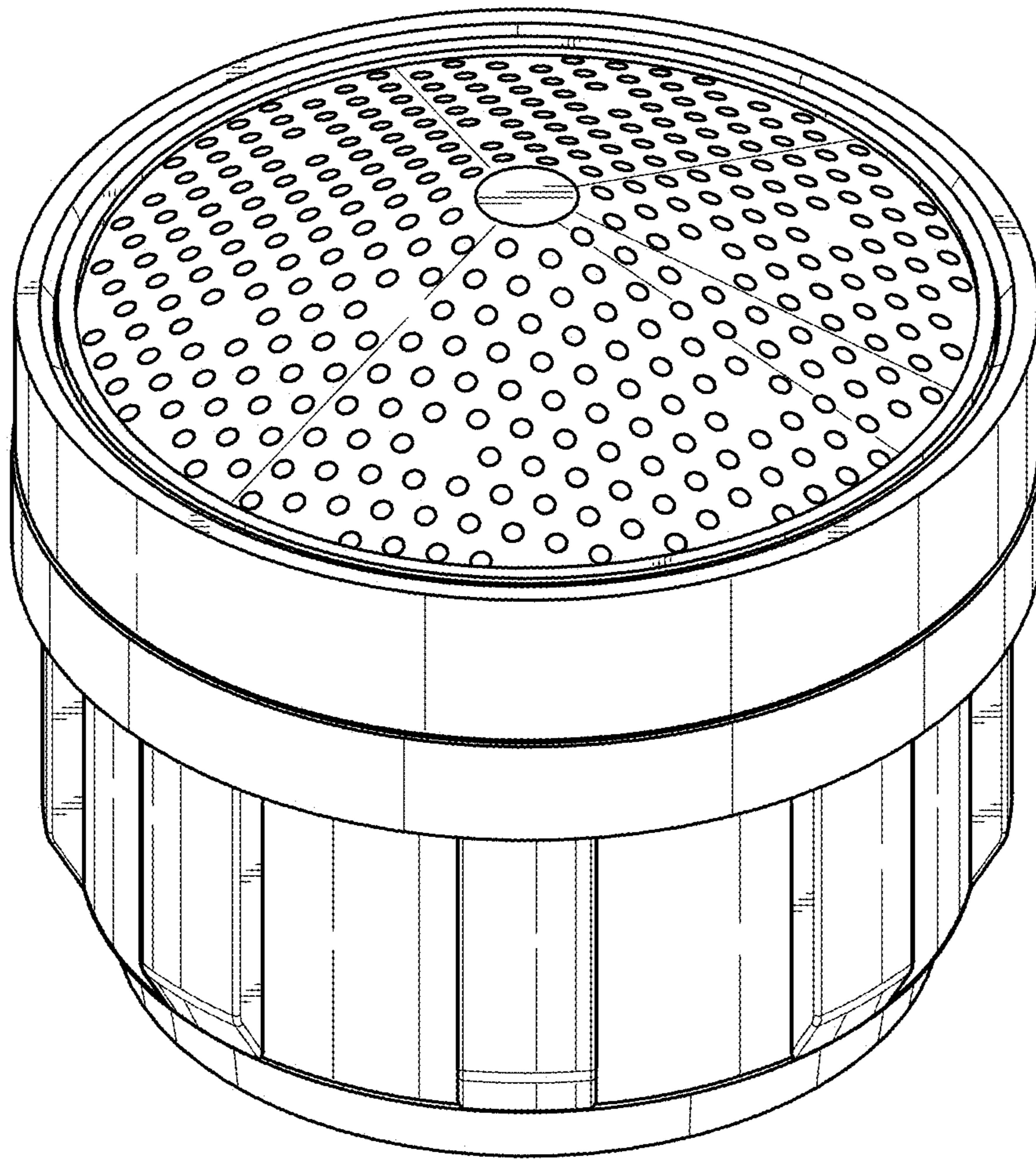


Fig. 6

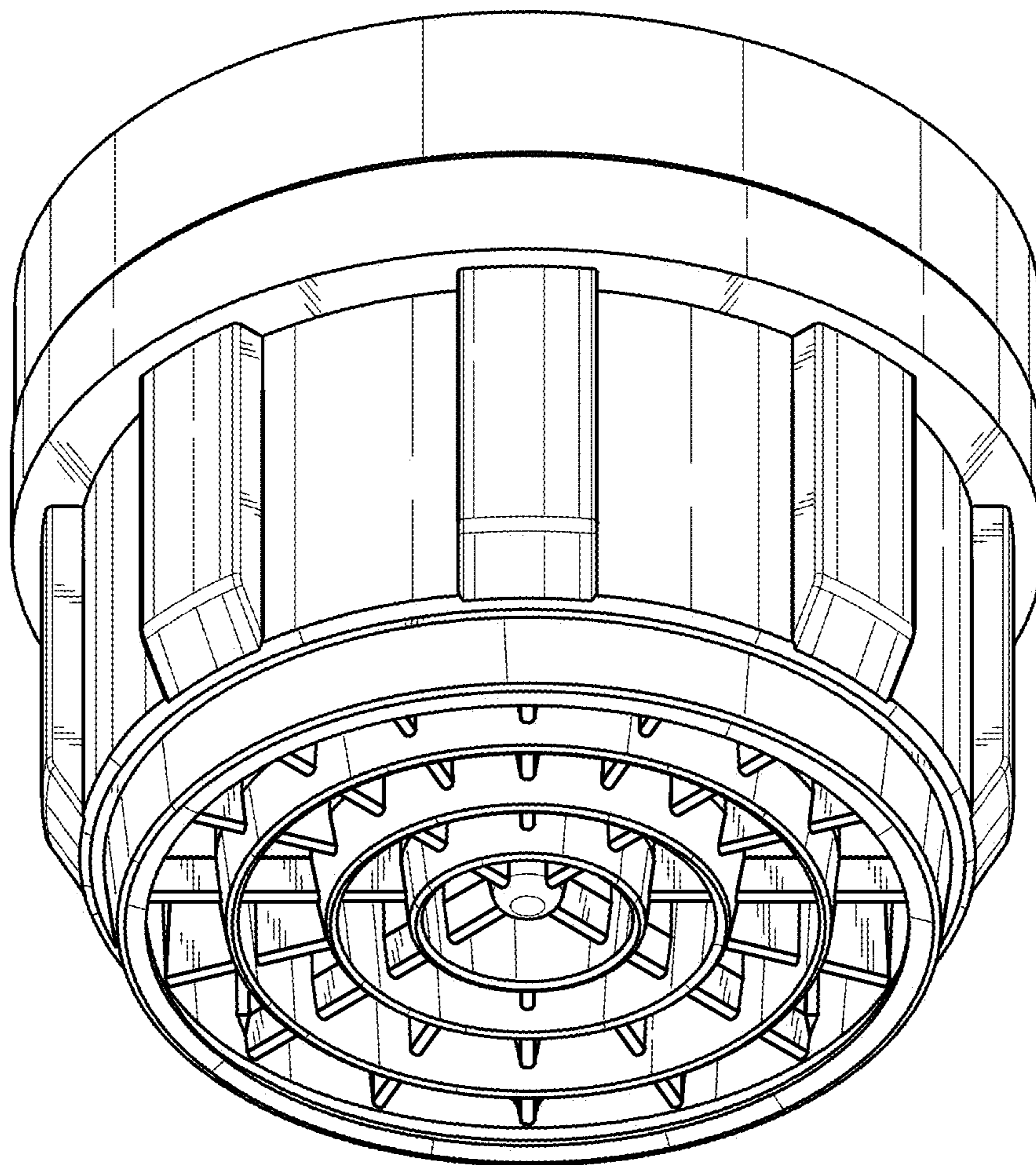


Fig. 7



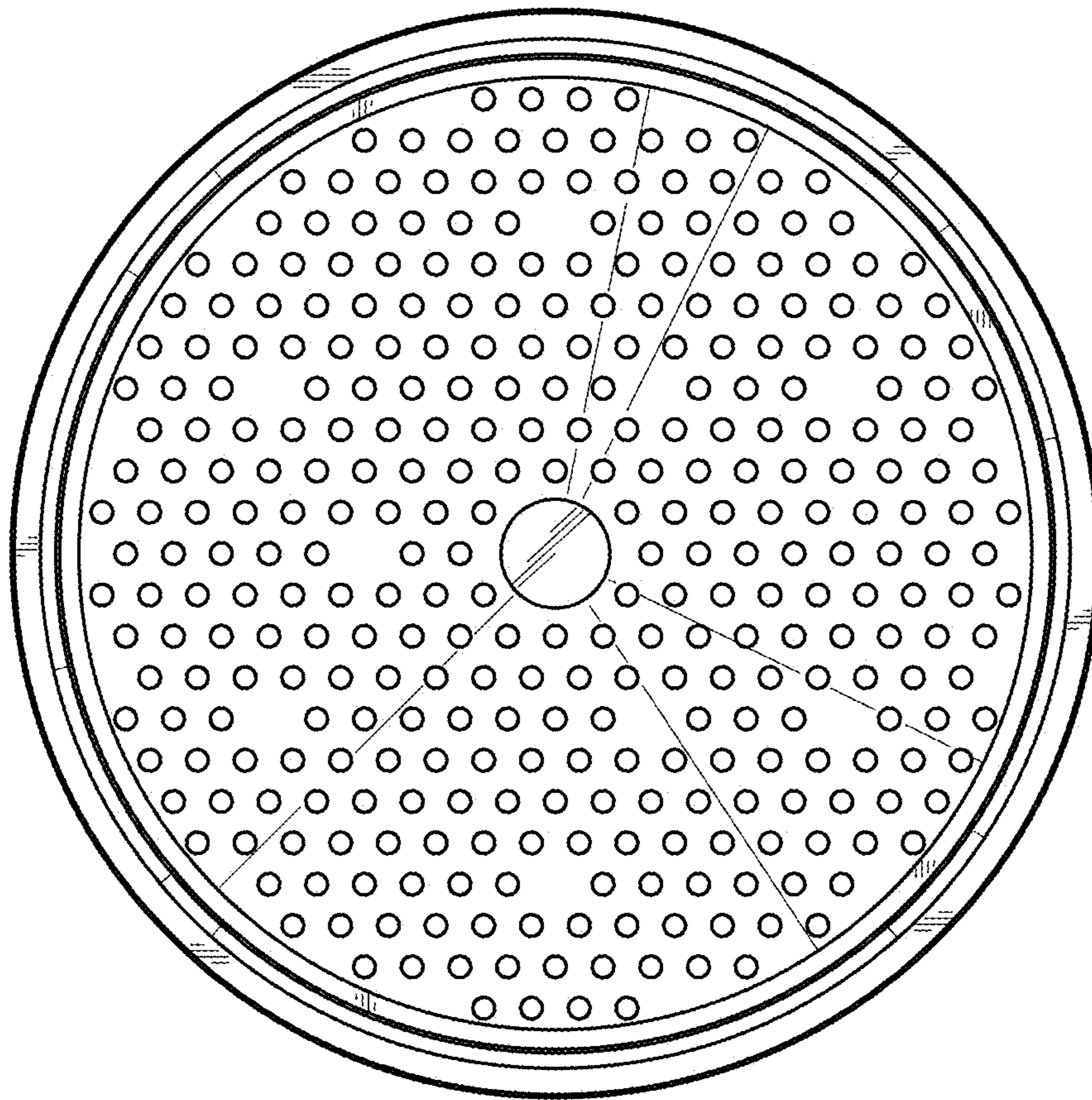


Fig. 8

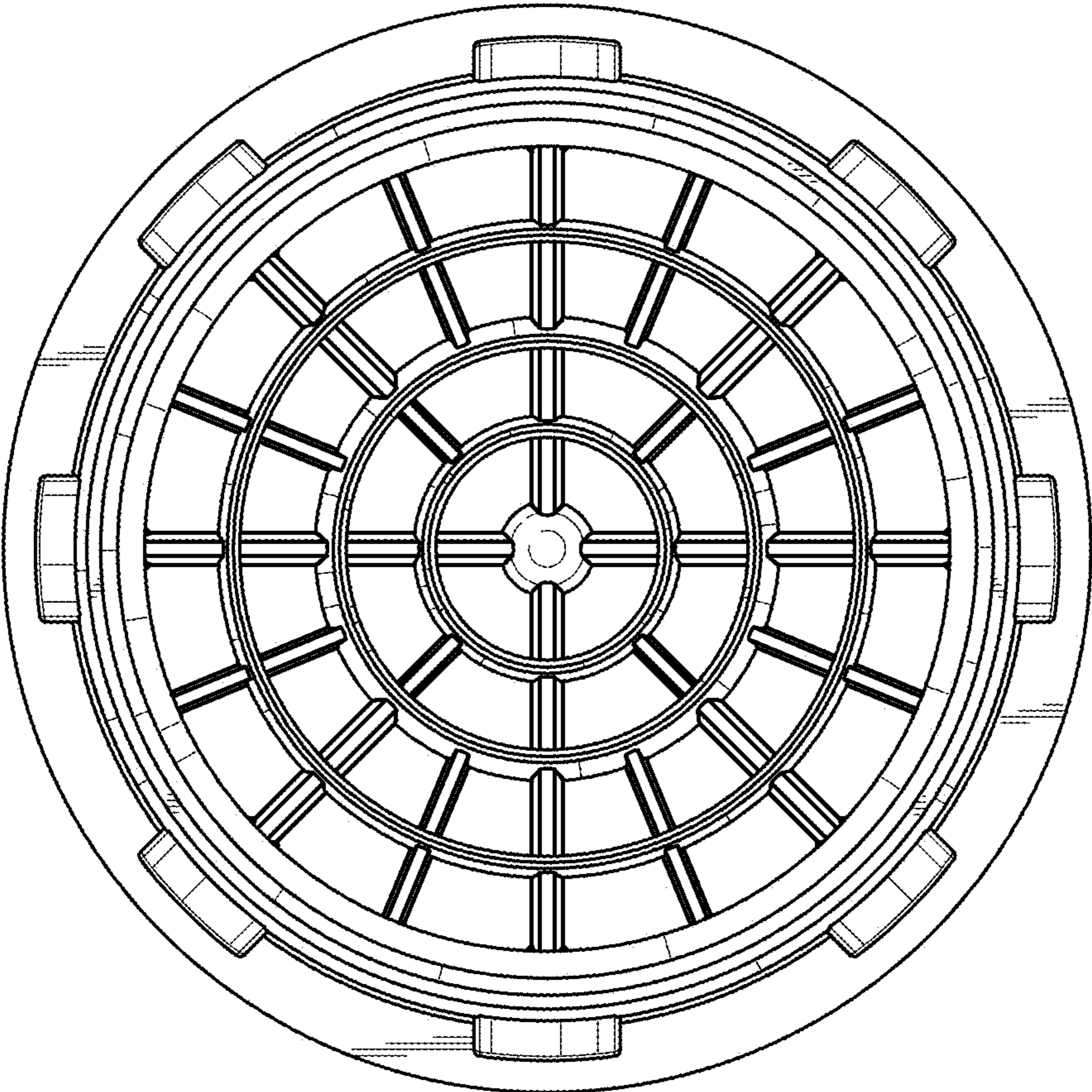


Fig. 9

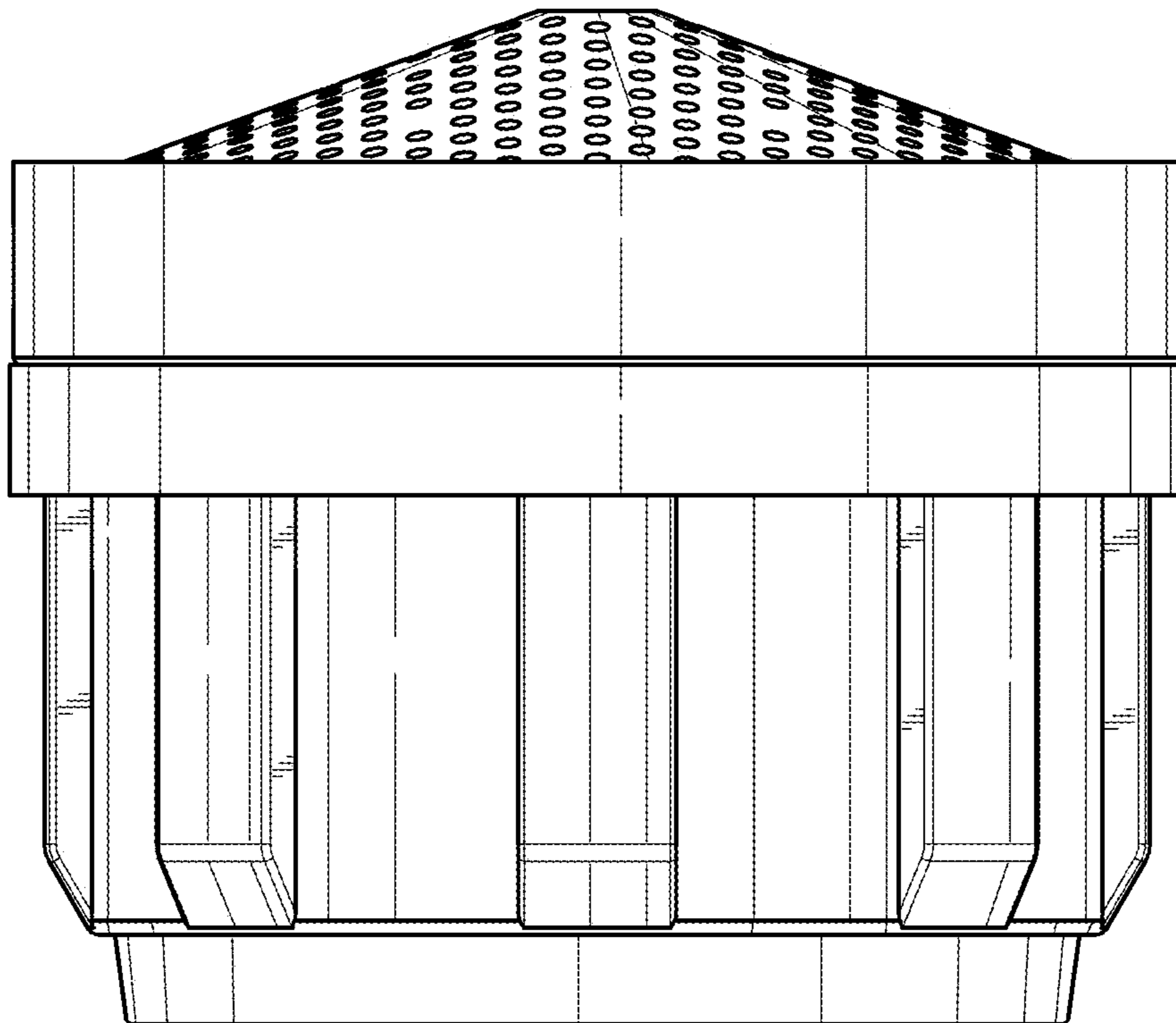


Fig. 10