

US00D545706S

(12) **United States Design Patent** (10) **Patent No.:** **US D545,706 S**  
**Nurczyk et al.** (45) **Date of Patent:** **\*\* Jul. 3, 2007**

(54) **OUTDOOR STATIC PRESSURE SENSOR HOUSING**

(75) Inventors: **Mark E. Nurczyk**, Eastman, WI (US);  
**Walter P. Breuer**, Westby, WI (US)

(73) Assignee: **Building Automation Products, Inc.**,  
Gays Mills, WI (US)

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

(21) Appl. No.: **29/212,266**

(22) Filed: **Aug. 30, 2004**

(51) **LOC (8) Cl.** ..... **10-04**

(52) **U.S. Cl.** ..... **D10/85**

(58) **Field of Classification Search** ..... 415/1,  
415/27; 454/27, 61, 256; 702/100, 138;  
D10/83-86; 60/795; 73/40.5, 655, 708,  
73/714, 721, 727, 756, 861.52, 861.55, 861.61;  
126/299 F; 137/599.13; 165/217; 338/4;  
367/149; 374/143; 701/138

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

2,838,932 A 6/1958 Dwyer  
4,133,213 A 1/1979 Brandt, Jr.  
4,838,087 A 6/1989 Nishiyama et al.  
D316,982 S \* 5/1991 Hestich ..... D10/85

**OTHER PUBLICATIONS**

Building Automation Products, Inc., "New Weather Tight Enclosure Option Added to Humidity Line of Products", Data Sheet/Product Brochure, Sep. 27, 2000, Building Automation Products, Inc., Cross Plains, Wisconsin, USA, 2 pages.

Building Automation Products, Inc., "Differential Pressure Transmitter in Rugged (IP66 Rated) Housing," Data Sheet/Product Brochure, Oct. 18, 2002, Building Automation Products, Inc., Cross Plains, Wisconsin, USA, 2 pages.

Exhibits A and B, Include a photograph and a drawing showing an air duct temperature sensor used in HVAC applications that was in

public use or on sale in the United States more than one year prior to the filing date of the above-referenced application.

Exhibit C, Includes a drawing showing a second air duct temperature sensor used in HVAC applications that was in public use or on sale in the United States more than one year prior to the filing date of the above-referenced application.

Exhibits D and E, Include a photograph and a drawing showing an immersion temperature sensor used in HVAC applications that was in public use or on sale in the United States more than one year prior to the filing date of the above-referenced application.

(Continued)

*Primary Examiner*—Antoine D. Davis

(74) *Attorney, Agent, or Firm*—Joseph W. Byrne

(57) **CLAIM**

The ornamental design for an outdoor static pressure sensor housing, as shown and described.

**DESCRIPTION**

FIG. 1 is a top, front and right side perspective view of an outdoor static pressure sensor housing in accordance with our new design;

FIG. 2 is a front elevation view of the outdoor static pressure sensor housing shown in FIG. 1;

FIG. 3 is a right side elevation view of the outdoor static pressure sensor housing shown in FIG. 1, the left side elevation view being a mirror image thereof;

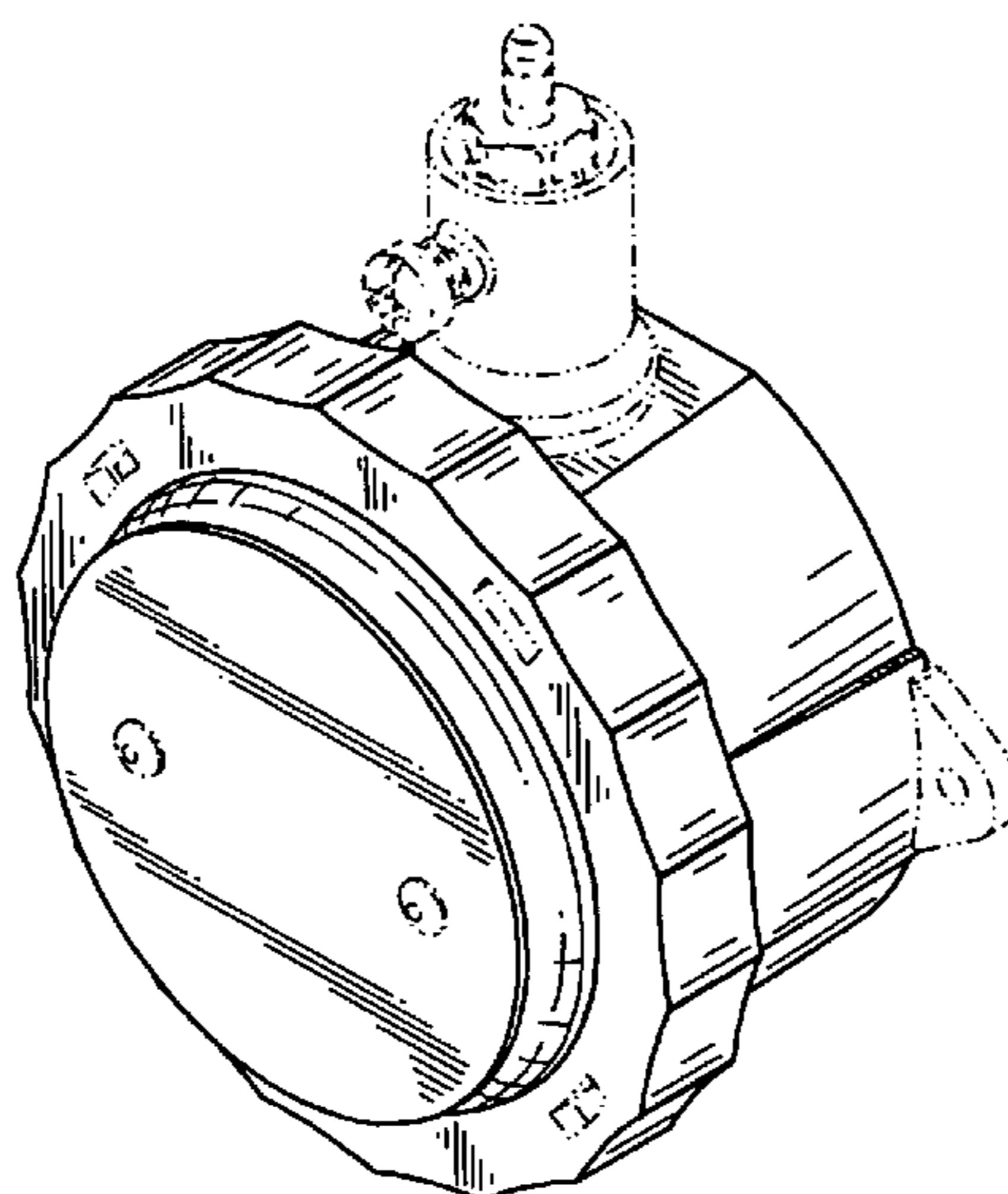
FIG. 4 is a top plan view of the outdoor static pressure sensor housing shown in FIG. 1; and,

FIG. 5 is a bottom plan view of the outdoor static pressure sensor housing shown in FIG. 1.

The rear of the outdoor static pressure sensor housing does not comprise any portion of the invention, and hence is not shown in the drawings.

The broken line showings are for illustrative purposes only and form no part of the claimed design.

**1 Claim, 2 Drawing Sheets**



OTHER PUBLICATIONS

Exhibits F and G, Include a photograph and a drawing showing an outside air temperature sensor used in HVAC applications that was in public use or on sale in the United States more than one year prior to the filing date of the above-referenced application.

Exhibits H and I, Include a photograph and a drawing showing an outside air humidity sensor and an outside air combination humidity/temperature sensor used in HVAC applications that were in public use or on sale in the United States more than one year prior to the filing date of the above-referenced application.

Exhibits J and K, Include a photograph and a drawing showing an air duct humidity sensor and an air duct combination humidity/temperature sensor used in HVAC applications that were in public use or on sale in the United States more than one year prior to the filing date of the above-referenced application.

Exhibits L and M, Include a photograph and a drawing showing an air pressure sensor used in HVAC applications that was in public use or on sale in the United States more than one year prior to the filing date of the above-referenced application.

Exhibit N, Includes a multi-view drawing showing an enclosure used in HVAC applications including in the sensors shown in Exhibits A - M attached hereto. The enclosure shown in Exhibit N was in public use or on sale in the United States more than one year prior to the filing date of the above-referenced application.

Exhibits O and P, Include a photograph and a drawing showing an air quality sensor used in HVAC applications that was in public use or on sale in the United States more than one year prior to the filing date of the above-referenced application.

\* cited by examiner

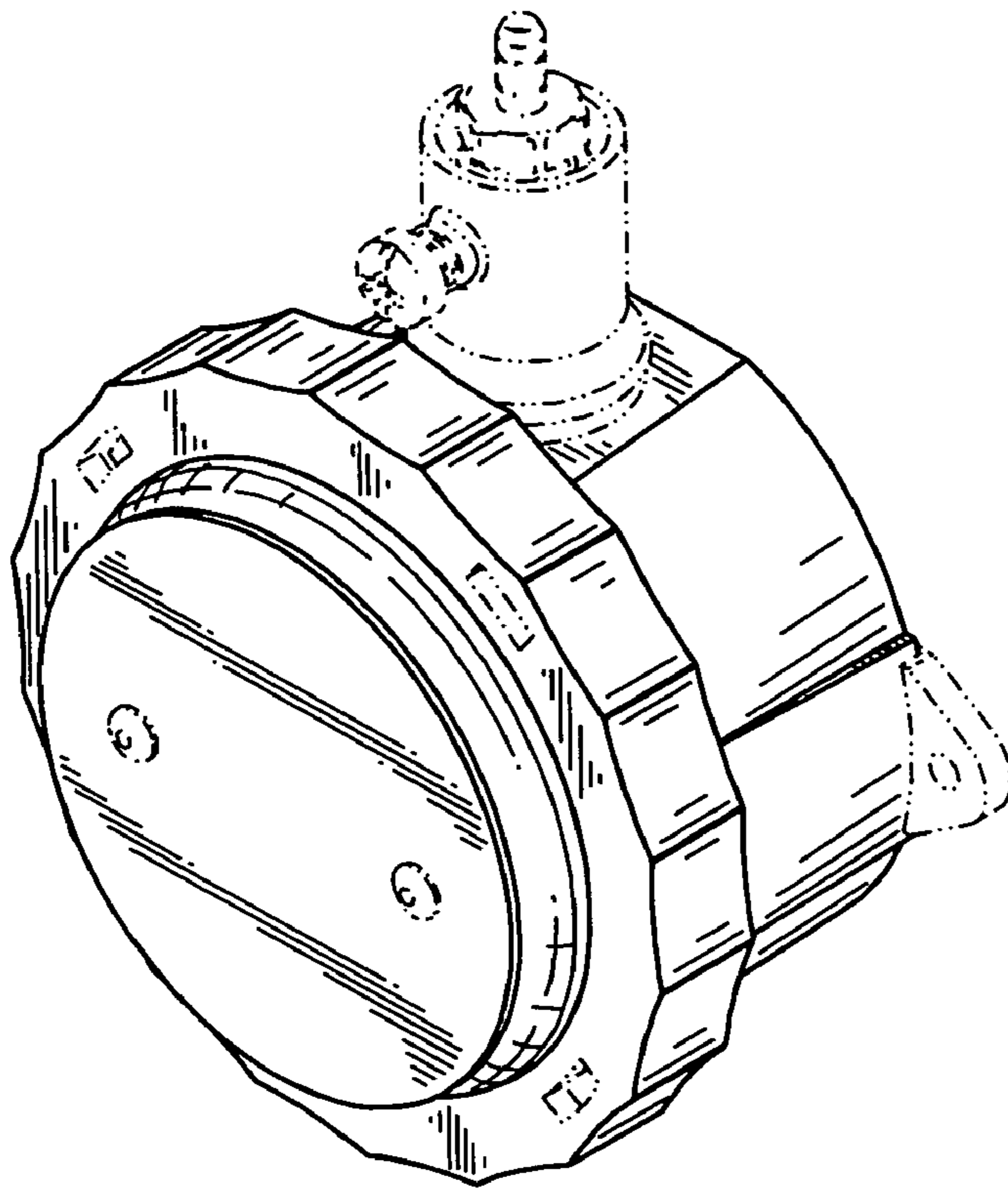


FIG. 1

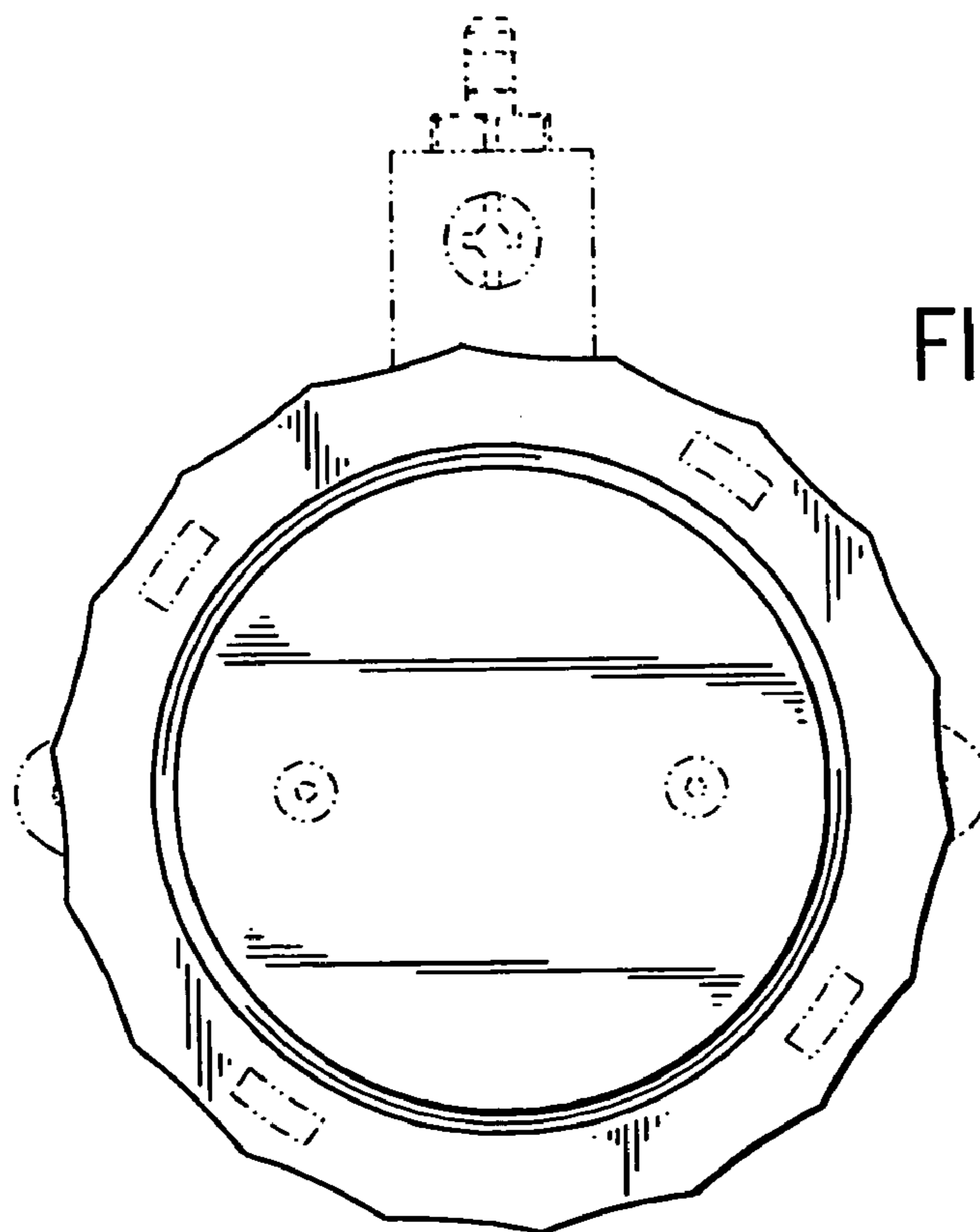


FIG. 2

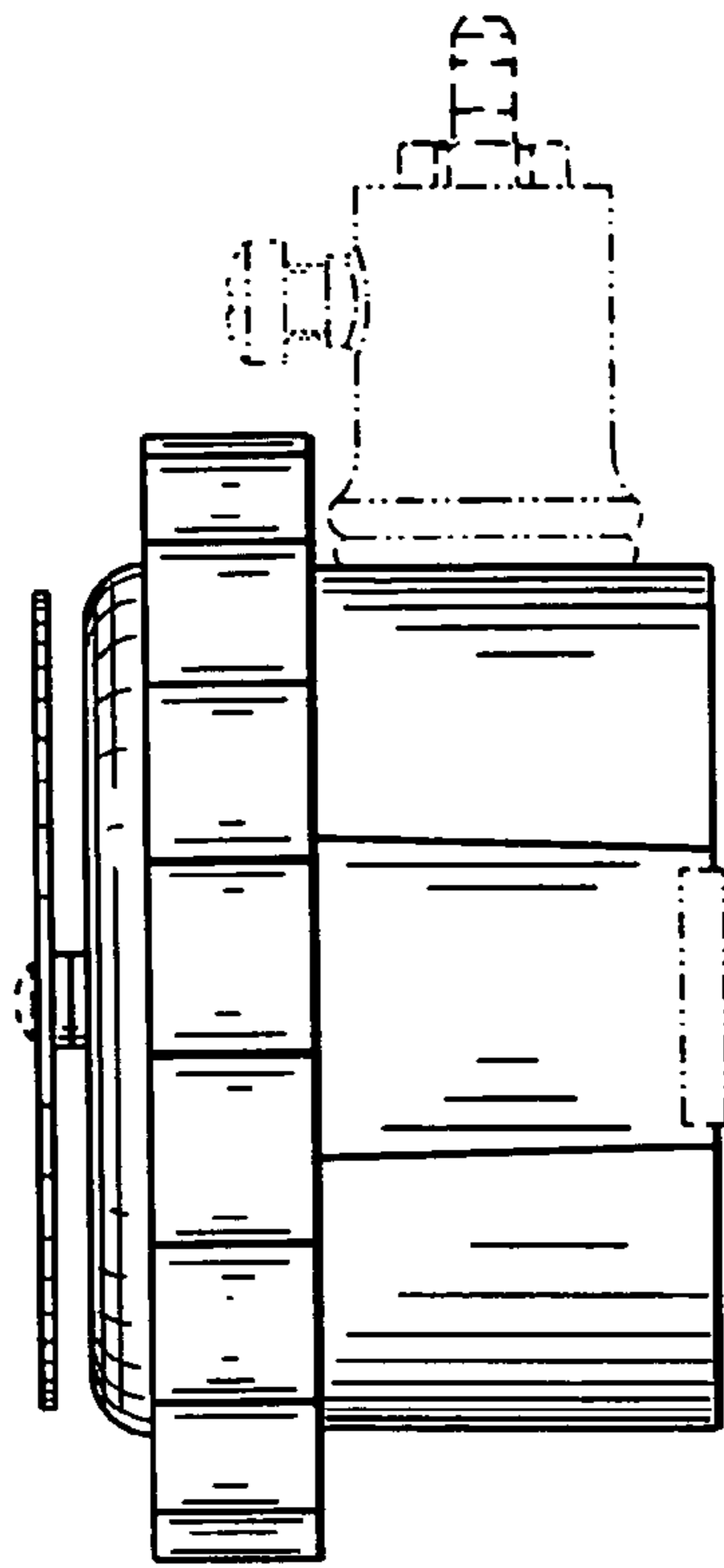


FIG. 3

FIG. 4

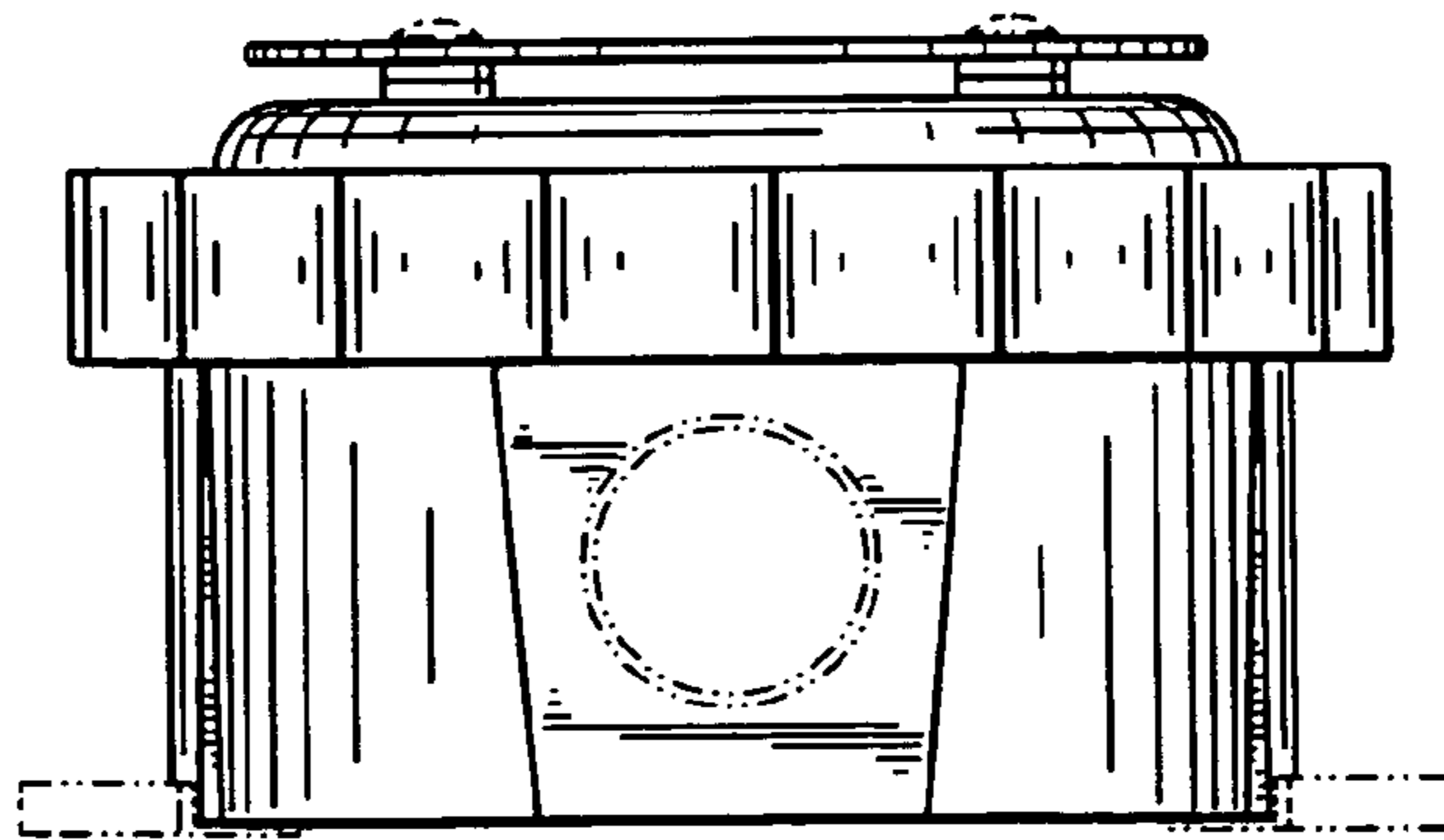
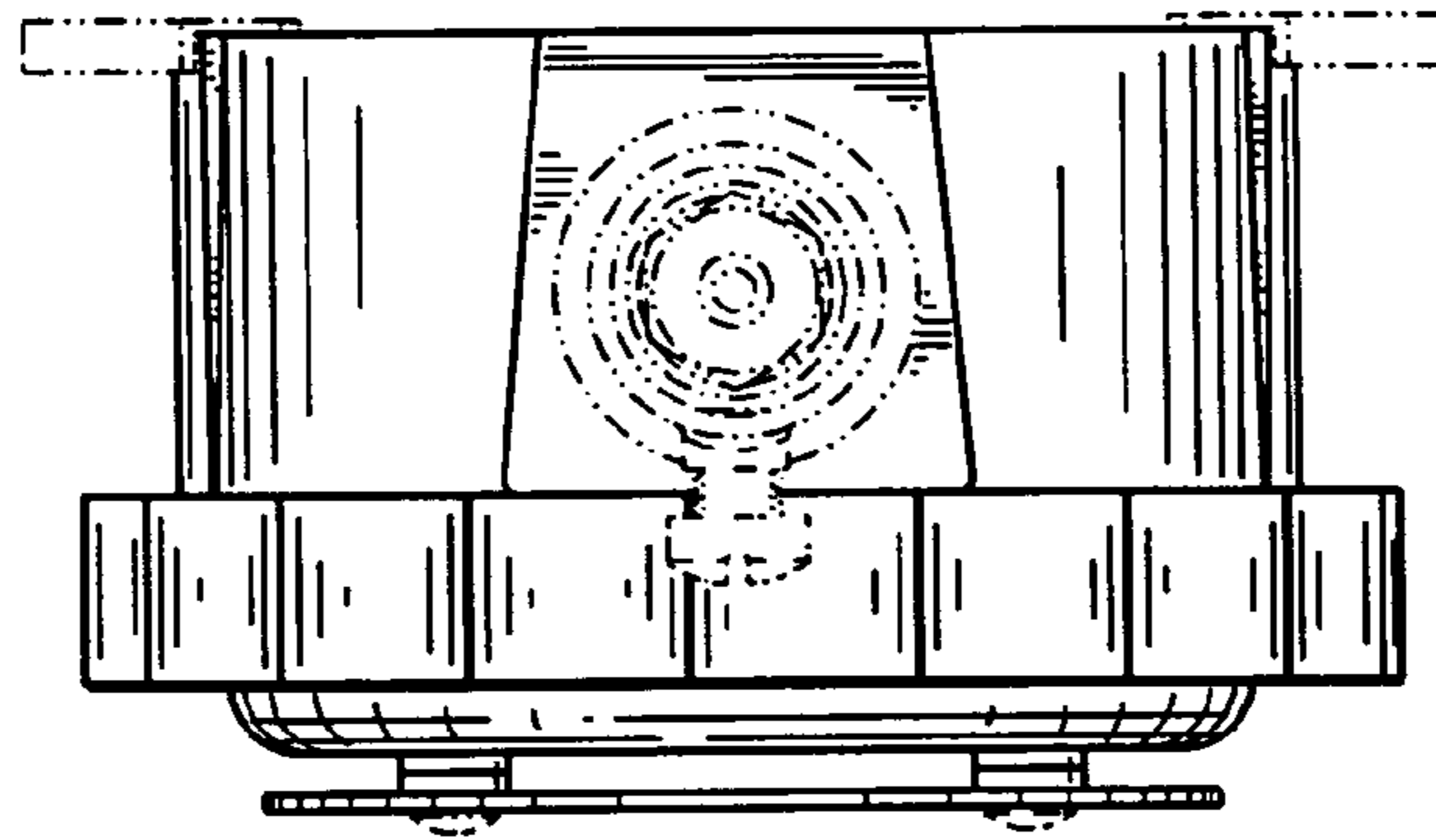


FIG. 5