



US00D584801S

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

(10) **Patent No.:** **US D584,801 S**
(45) **Date of Patent:** **** Jan. 13, 2009**

(54) **FLOW REGULATOR**

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

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

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

(21) Appl. No.: **29/318,634**

(22) Filed: **May 23, 2008**

Related U.S. Application Data

(63) Continuation of application No. 29/249,694, filed on Oct. 18, 2006, now Pat. No. Des. 570,961.

Foreign Application Priority Data

May 8, 2006 (EM) 000525167

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

(52) **U.S. Cl.** **D23/249**

(58) **Field of Classification Search** D23/233–237,
D23/244–249, 255, 257, 260, 241, 242, 213;
138/37, 40, 41, 42; 239/428.5, 552, 553.5,
239/553.3; 261/DIG. 22
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 2,793,016 A 5/1957 Aghnides
- 4,313,564 A 2/1982 Shames et al.
- 5,467,929 A * 11/1995 Bosio 239/428.5
- D428,114 S 7/2000 Le Bars
- 6,126,093 A 10/2000 Grether et al.
- 6,152,182 A 11/2000 Grether et al.
- 6,354,903 B1 3/2002 Nelson
- 6,982,964 B2 5/2005 Grether et al.
- 6,902,123 B2 6/2005 Grether et al.

- D516,182 S 2/2006 Buttgen
- 7,093,425 B2 8/2006 Jankowski et al.
- D529,588 S 10/2006 Grether
- D533,923 S 12/2006 Grether
- D536,066 S 1/2007 Grether
- D536,067 S 1/2007 Grether
- D536,068 S 1/2007 Grether
- D536,069 S 1/2007 Grether
- D536,424 S 2/2007 Grether
- D537,148 S * 2/2007 Grether D23/249
- D539,390 S 3/2007 Grether
- D539,872 S 4/2007 Grether
- D539,873 S * 4/2007 Grether D23/249
- D550,818 S * 9/2007 Grether D23/249
- 7,357,337 B2 * 4/2008 Ferrari 239/428.5
- 7,374,366 B2 * 5/2008 Tasi 405/79
- D570,961 S * 6/2008 Grether D23/249

* cited by examiner

Primary Examiner—Ian Simmons

Assistant Examiner—Maurice Stevens

(74) *Attorney, Agent, or Firm*—Volpe and Koenig P.C.

(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a top front perspective view of a flow regulator according to my design;

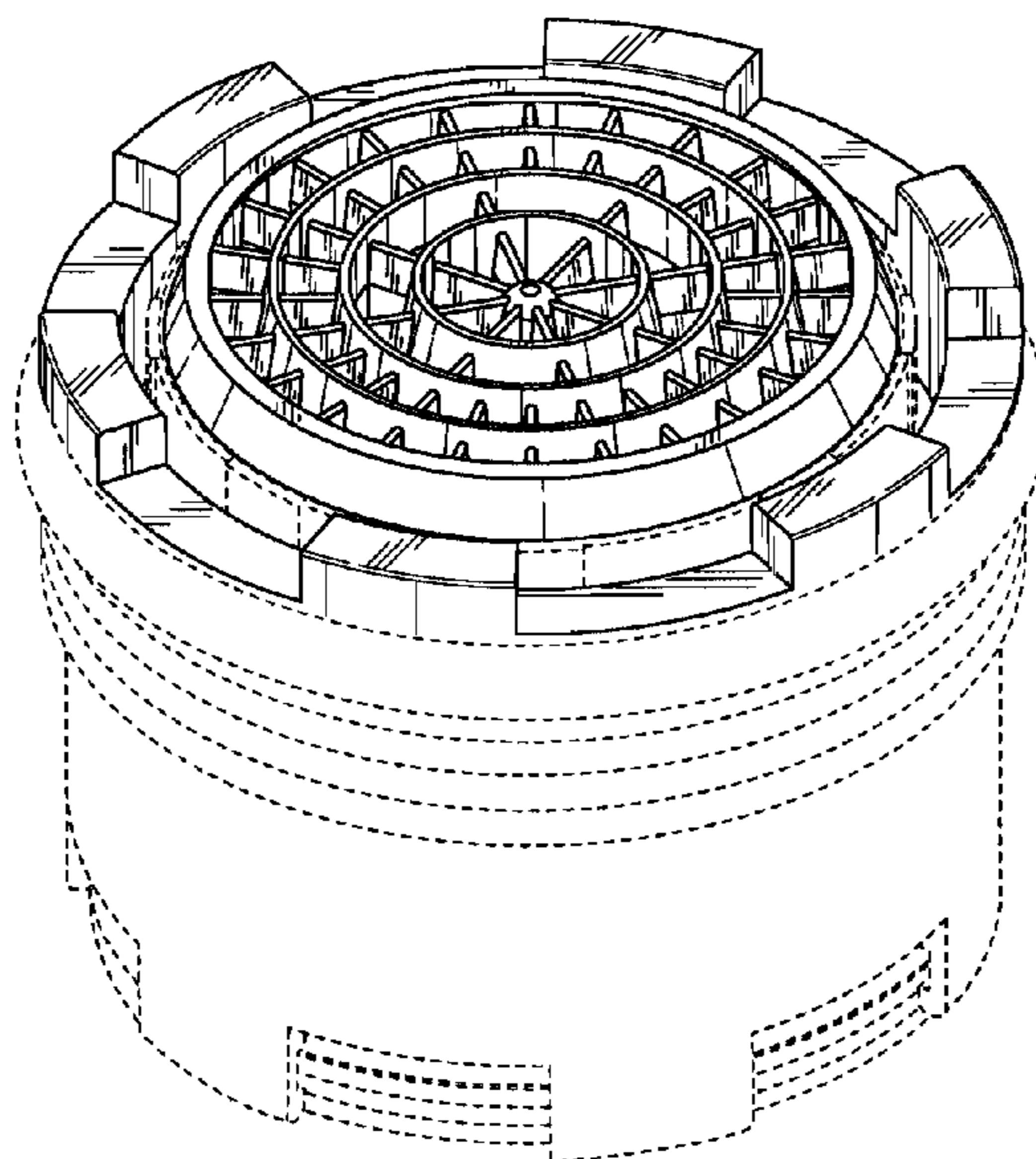
FIG. 2 is an elevational view thereof;

FIG. 3 is a top plan thereof; and,

FIG. 4 is a bottom view thereof.

The broken lines are used to illustrate environmental structure and form no part of the claimed design.

1 Claim, 3 Drawing Sheets



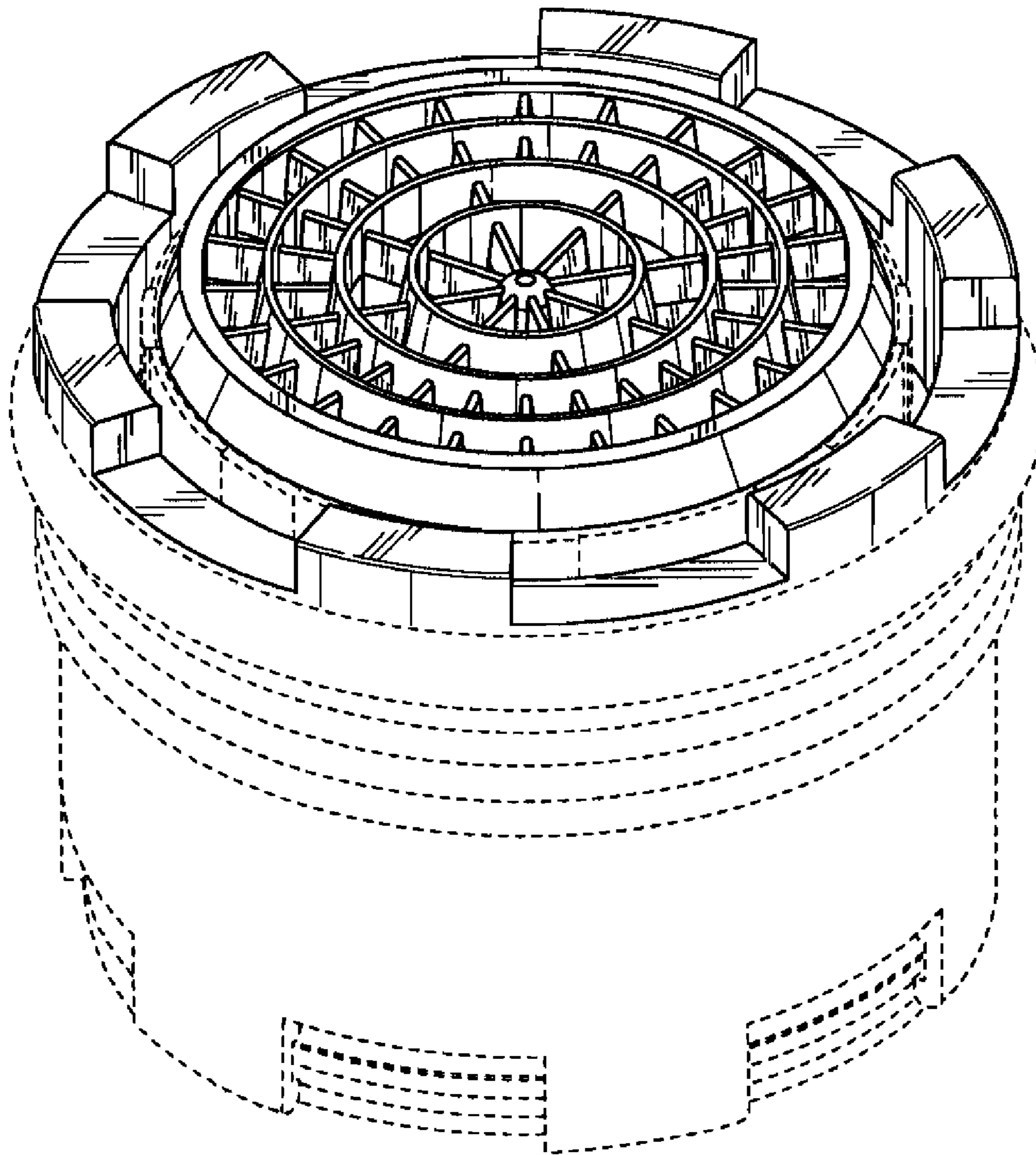


FIG. 1

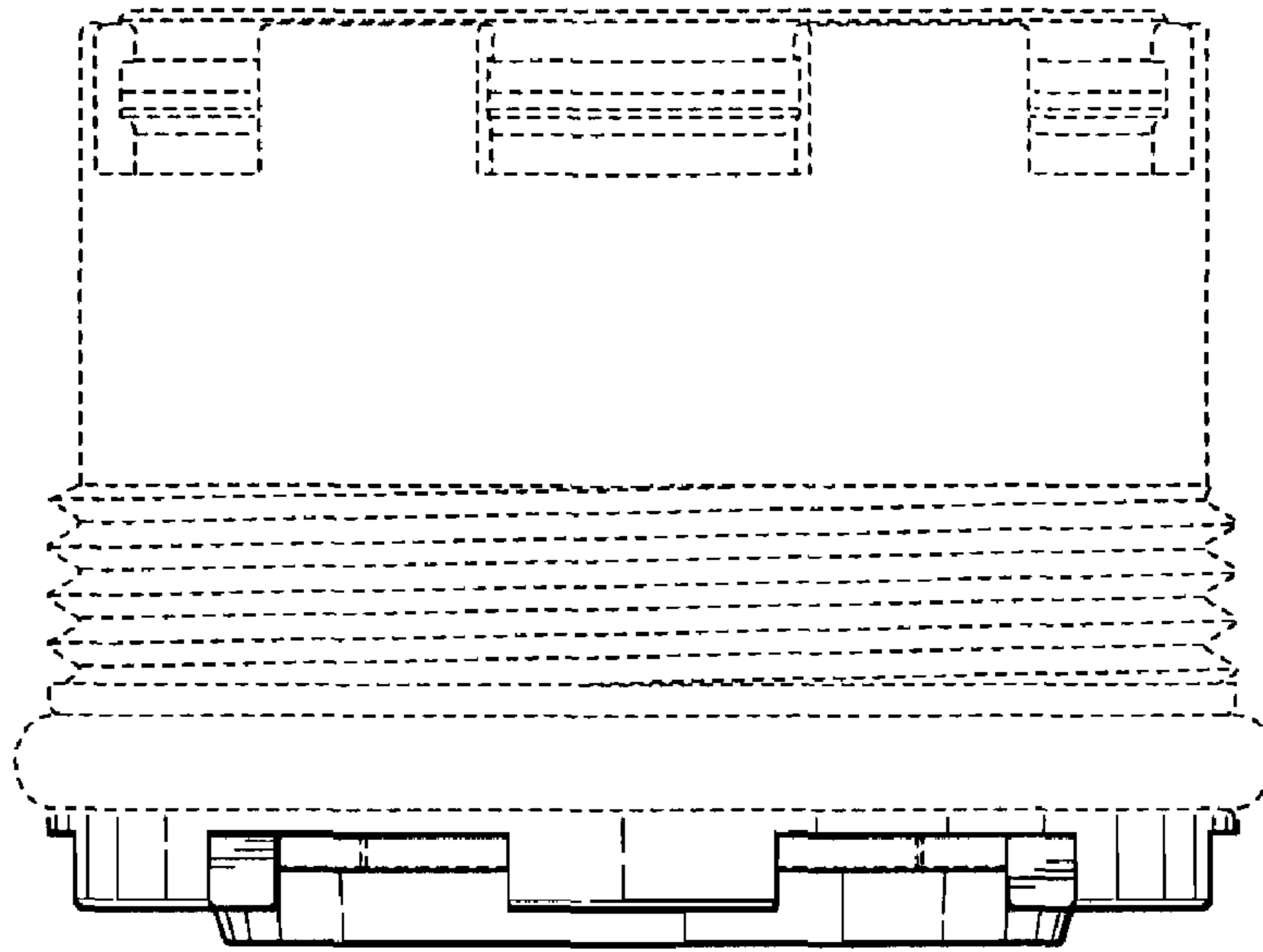


FIG. 2

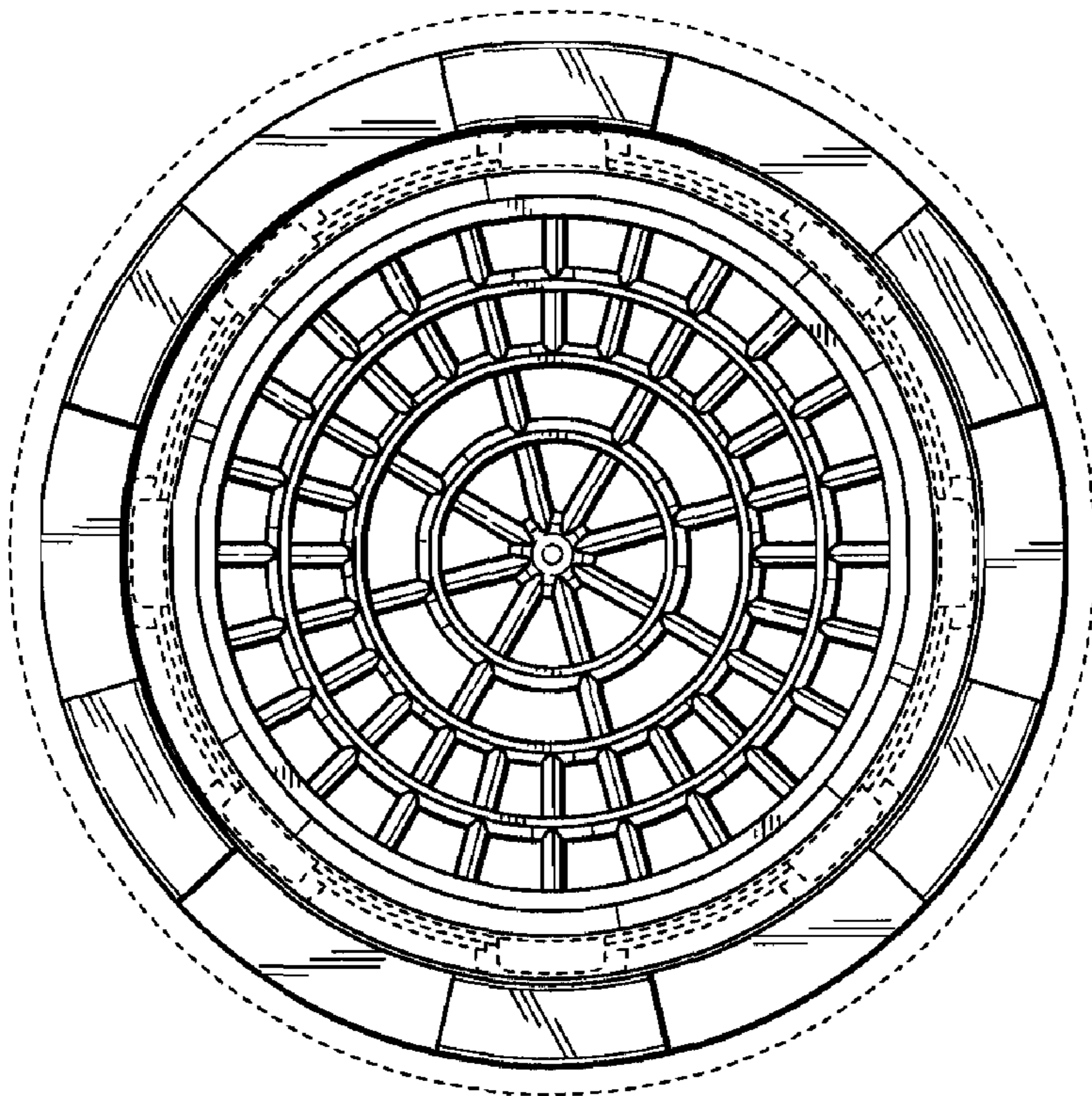


FIG. 3

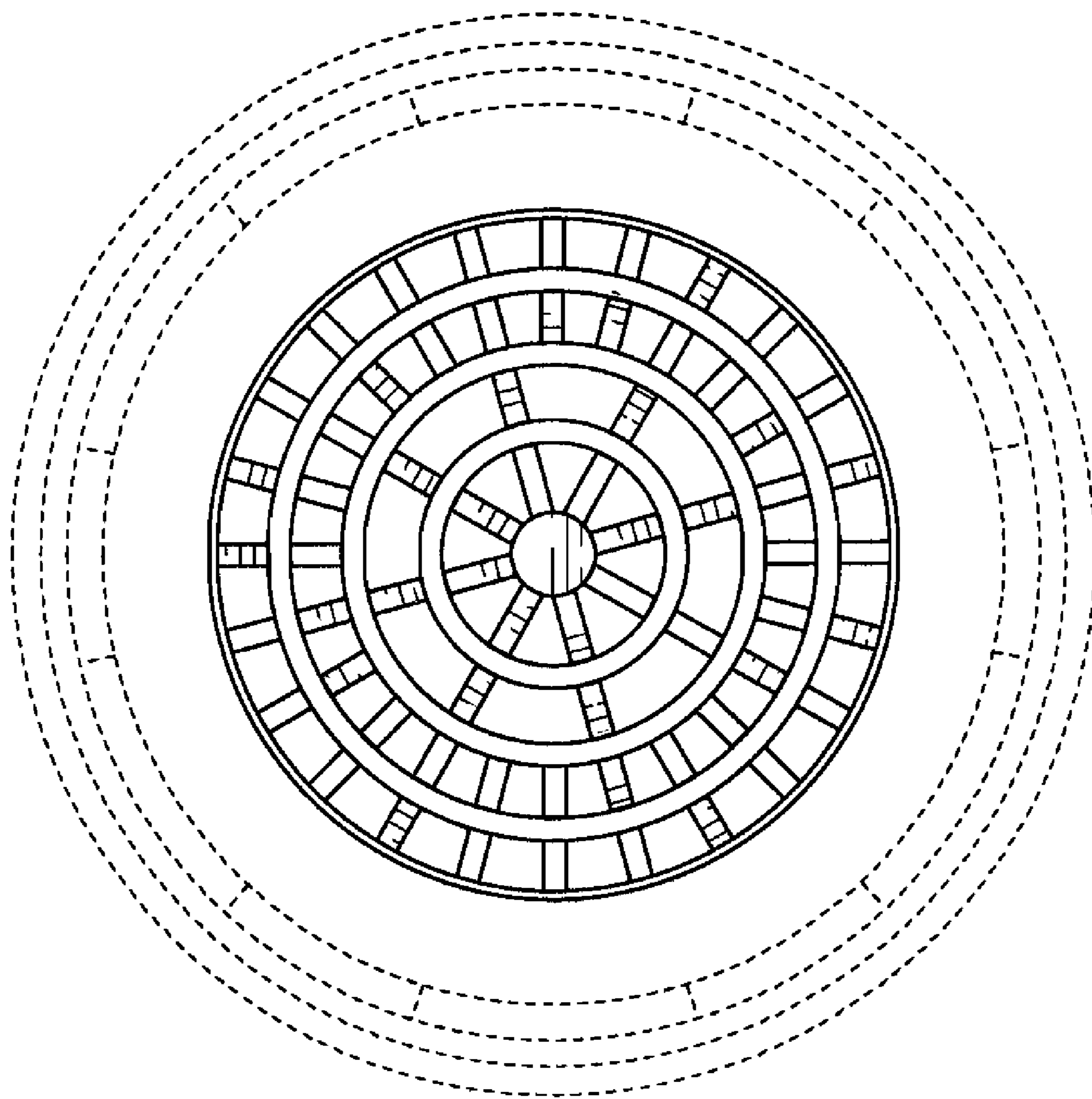


FIG. 4