



US00D622226S

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

(10) **Patent No.:** **US D622,226 S**

(45) **Date of Patent:** **** Aug. 24, 2010**

(54) **INTEGRATED IRRIGATION VALVE
CONTROL DEVICE FOR A MULTI-WIRE
IRRIGATION CONTROL SYSTEM**

(75) Inventors: **Timothy J. Crist**, Tucson, AZ (US);
Matthew S. Prucinsky, Vail, AZ (US)

(73) Assignee: **Rain Bird Corporation**, Azusa, CA
(US)

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

(21) Appl. No.: **29/340,865**

(22) Filed: **Jul. 27, 2009**

(51) **LOC (9) Cl.** **13-03**

(52) **U.S. Cl.** **D13/158**

(58) **Field of Classification Search** D13/123,
D13/158, 162, 162.1, 173, 184; D23/214,
D23/245; D10/40, 46, 49, 96; 137/78.9,
137/624.11, 624.18; 239/67, 68, 69, 70,
239/542; 368/107-121, 276, 277, 285, 316,
368/317

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,022,244	A	*	5/1977	Oman	.....	137/517
D246,377	S	*	11/1977	Pansini	.....	D23/233
D294,964	S	*	3/1988	Mendenhall	.....	D23/214
D297,929	S	*	10/1988	Hughes	.....	D13/158
D361,057	S	*	8/1995	Fayfield	.....	D13/165
5,826,619	A	*	10/1998	Roman	.....	137/624.11
D470,823	S	*	2/2003	Ufer	.....	D13/158
D477,287	S	*	7/2003	Roman	.....	D13/162
6,971,684	B2	*	12/2005	Ferrari	.....	285/319
D542,682	S	*	5/2007	Waki et al.	.....	D10/85
D611,001	S	*	3/2010	Ihde et al.	.....	D13/158
2007/0061048	A1		3/2007	Lorenz		

OTHER PUBLICATIONS

Rain Bird, "Rain Bird® Decoders", Oct. 2004, pp. 1-2, Rain Bird Corporation, Golf Division, Tucson, AZ.

Rain Bird, "Maxicom²® Decoders: Sensor-Pulse", Sep. 2002, pp. 1-2, Rain Bird Corporation, Azusa, CA.

Rain Bird, "Rain Bird MDC Decoder-based Control System", Jan. 2006, pp. 1-4, Rain Bird Corporation, Azusa, CA.

Rain Bird, "Master Parts Book 2008-2009", Jan. 2008, pp. 129-130, 140, Rain Bird Corporation, Parts and Service Center, Azusa, CA.

Rain Bird, "Rain Bird Latching Solenoid: Part No. 231831", 1999, Rain Bird Corporation, Tucson, AZ.

* cited by examiner

Primary Examiner—Daniel D Bui

Assistant Examiner—Thomas J Johannes

(74) *Attorney, Agent, or Firm*—Fitch Even Tabin & Flannery

(57) **CLAIM**

We claim the ornamental design for an integrated irrigation valve control device for a multi-wire irrigation control system, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an integrated irrigation valve control device for a multi-wire irrigation control system according to our new design

FIG. 2 is an alternative perspective view thereof;

FIG. 3 is a front view thereof;

FIG. 4 is a rear view thereof;

FIG. 5 is a left view thereof;

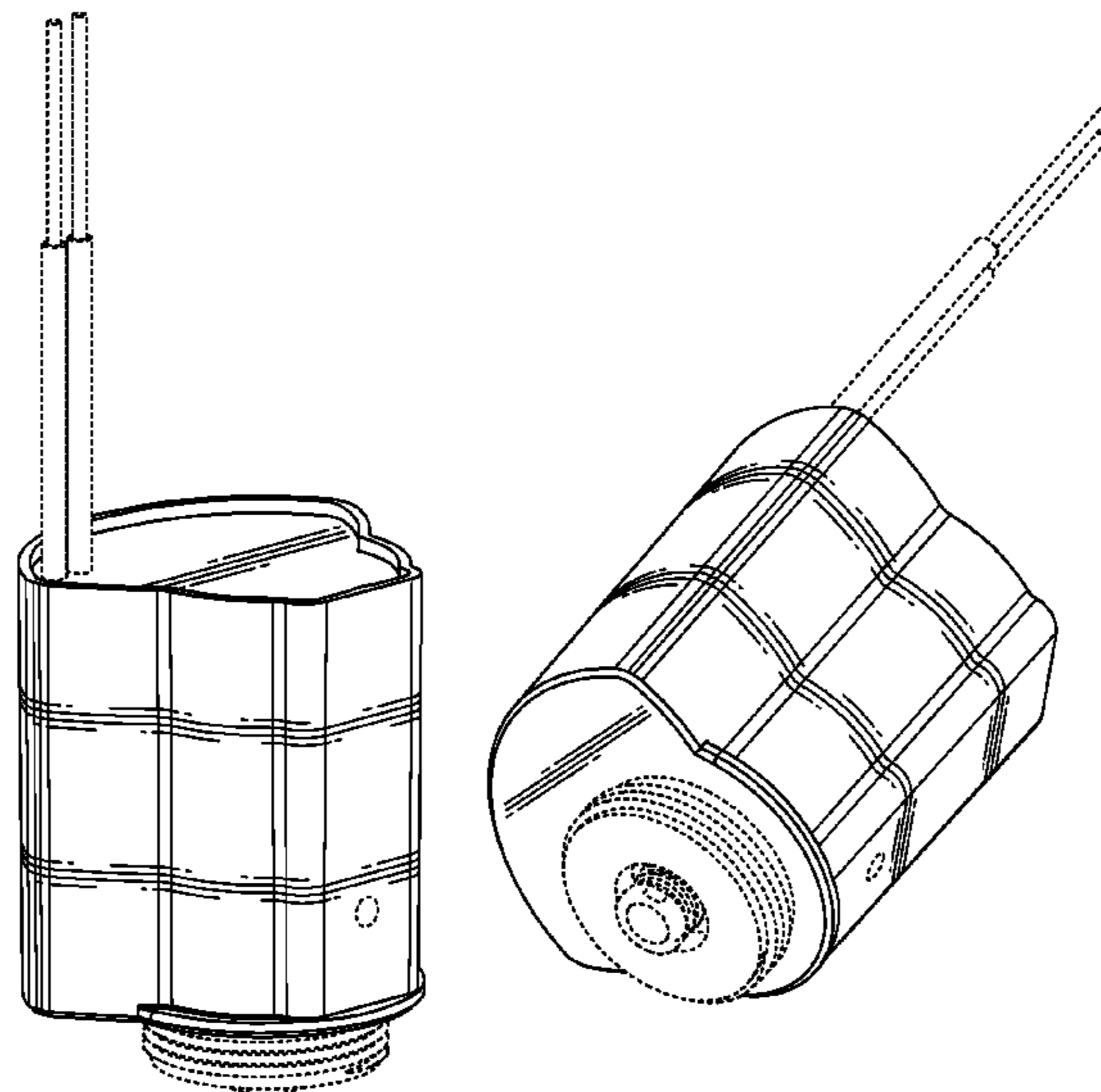
FIG. 6 is a right view thereof;

FIG. 7 is a top view thereof; and,

FIG. 8 is a bottom view thereof.

The broken line portion of the figure drawings is included to show unclaimed wires, indicator light and bottom structures only and forms no part of the claimed design.

1 Claim, 4 Drawing Sheets



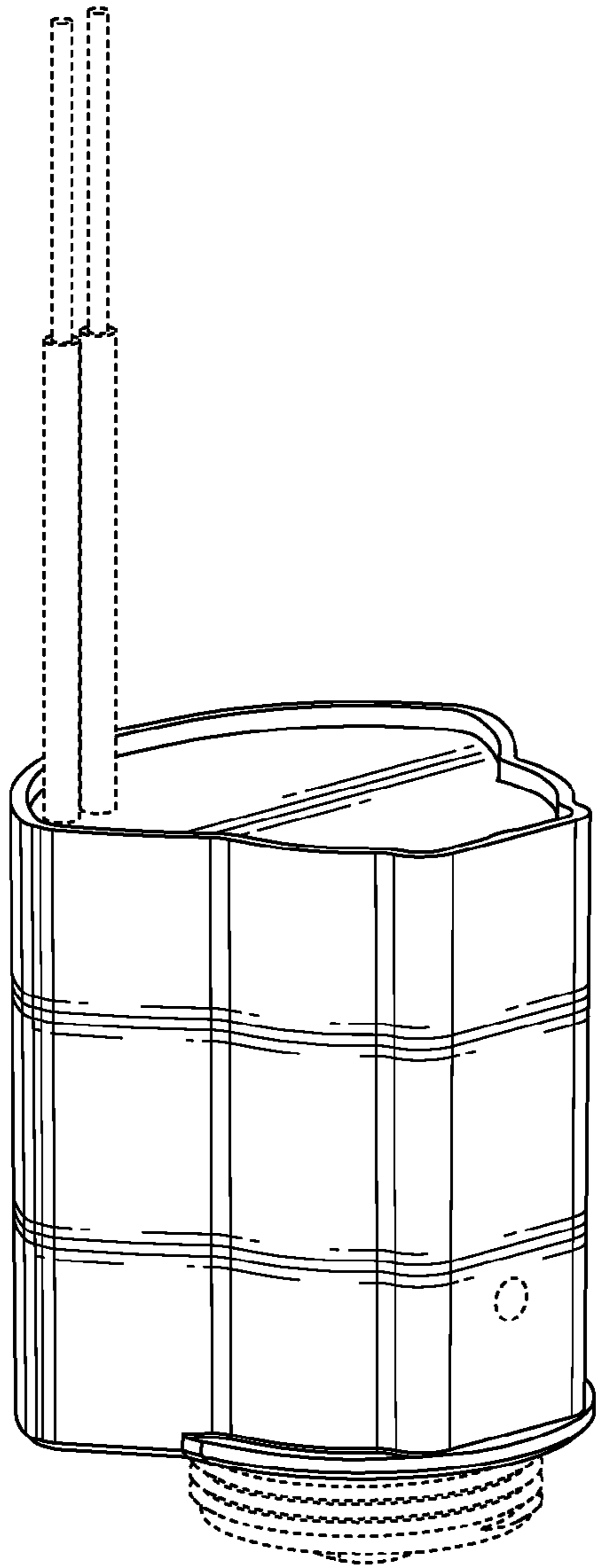


FIG. 1

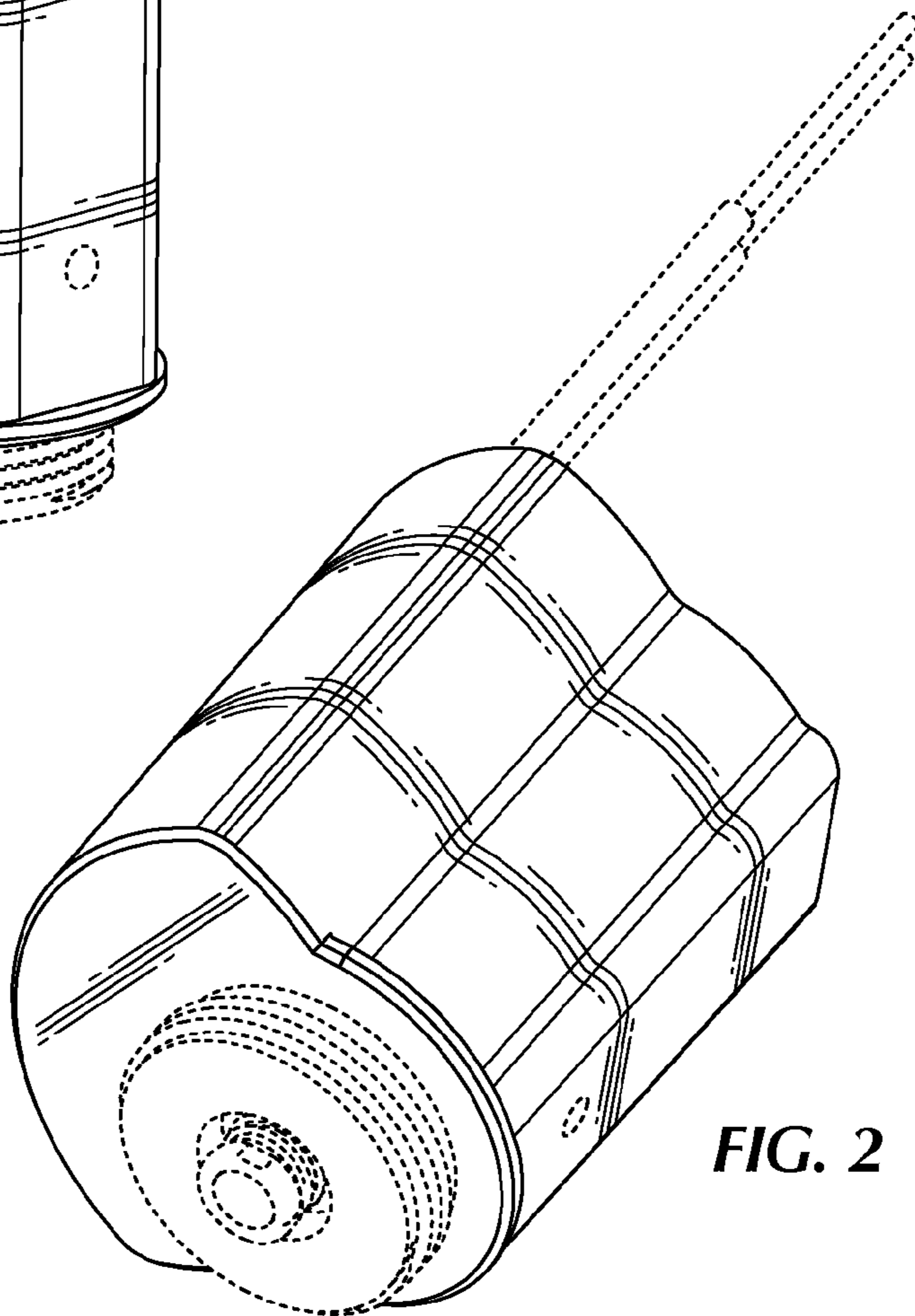


FIG. 2

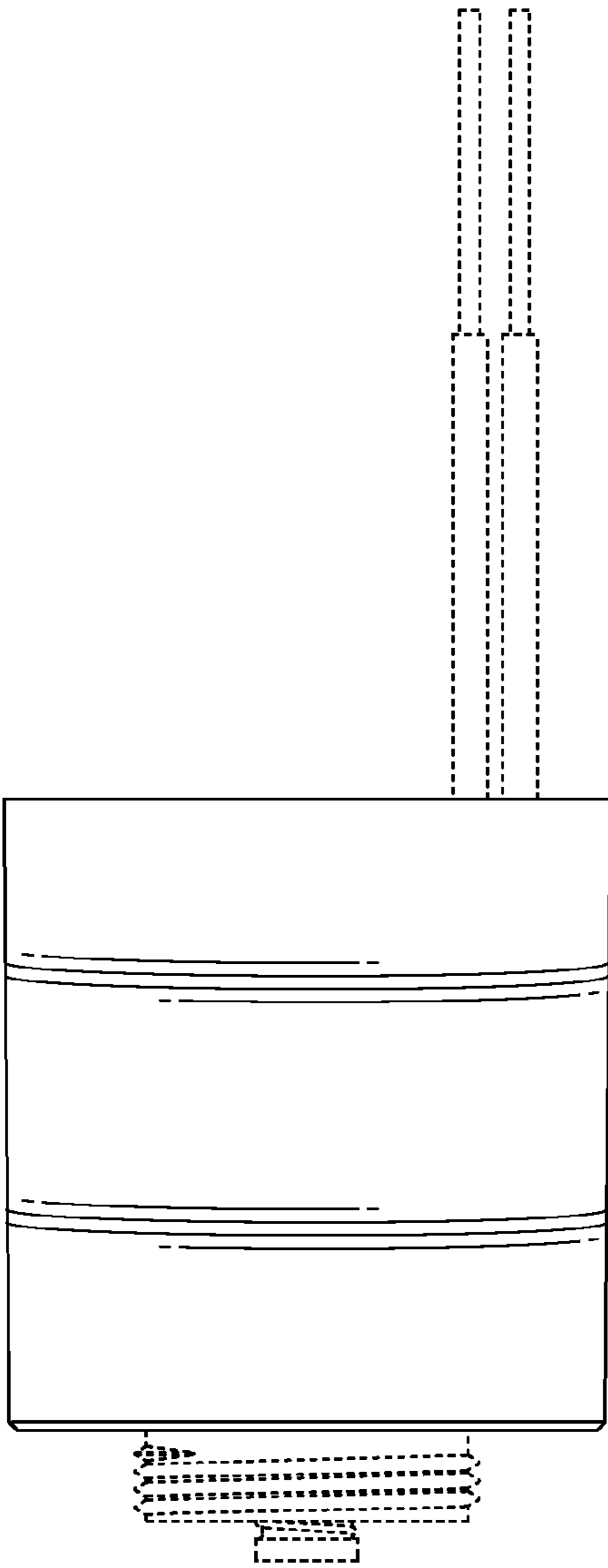


FIG. 3

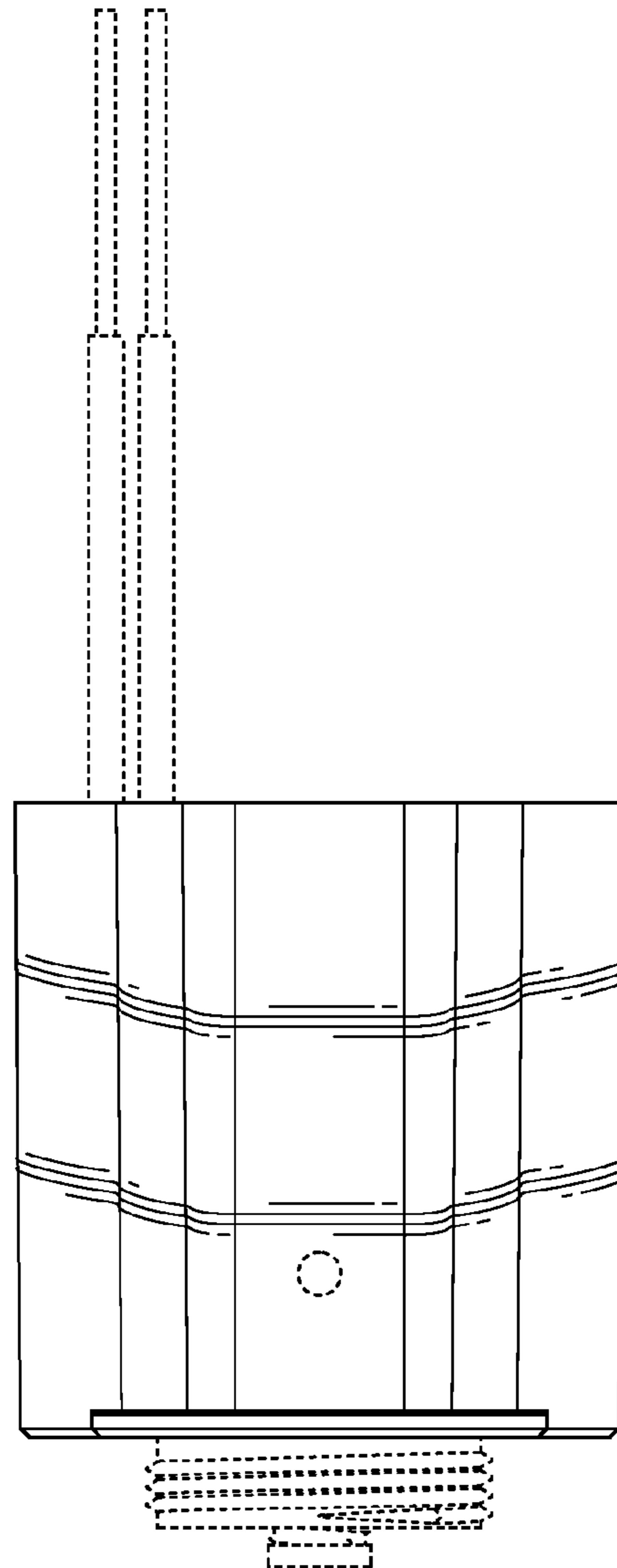


FIG. 4

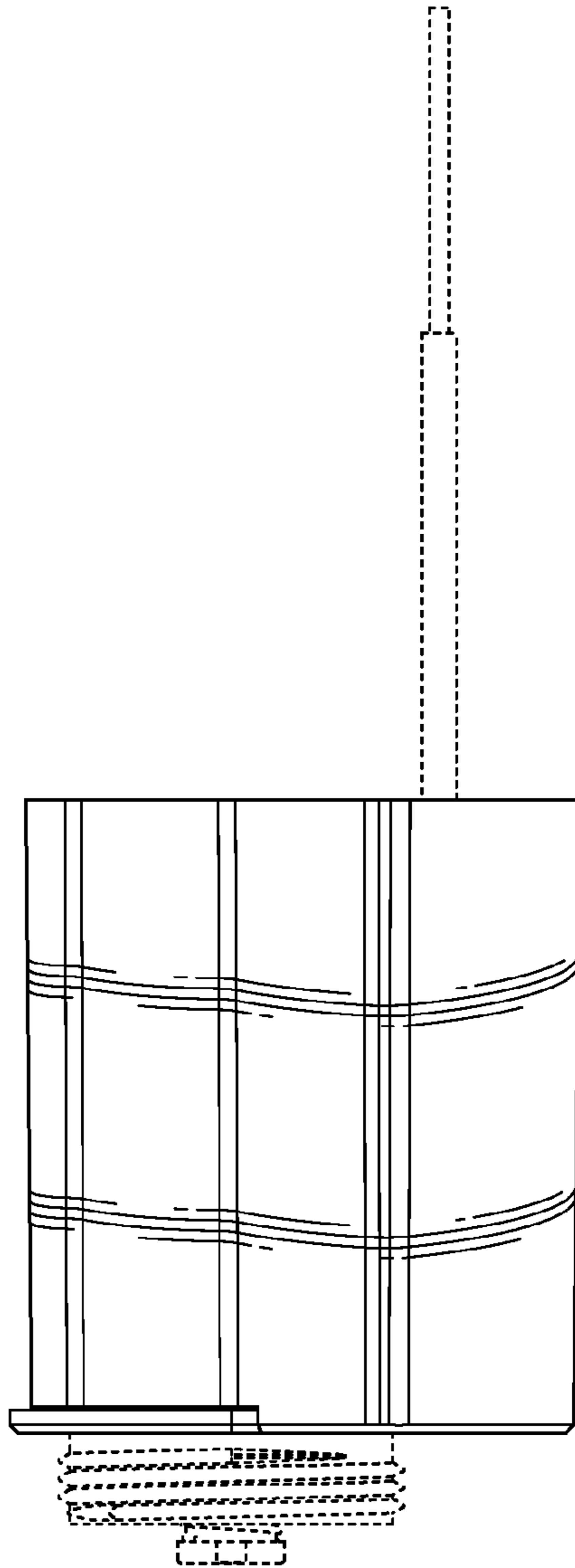


FIG. 5

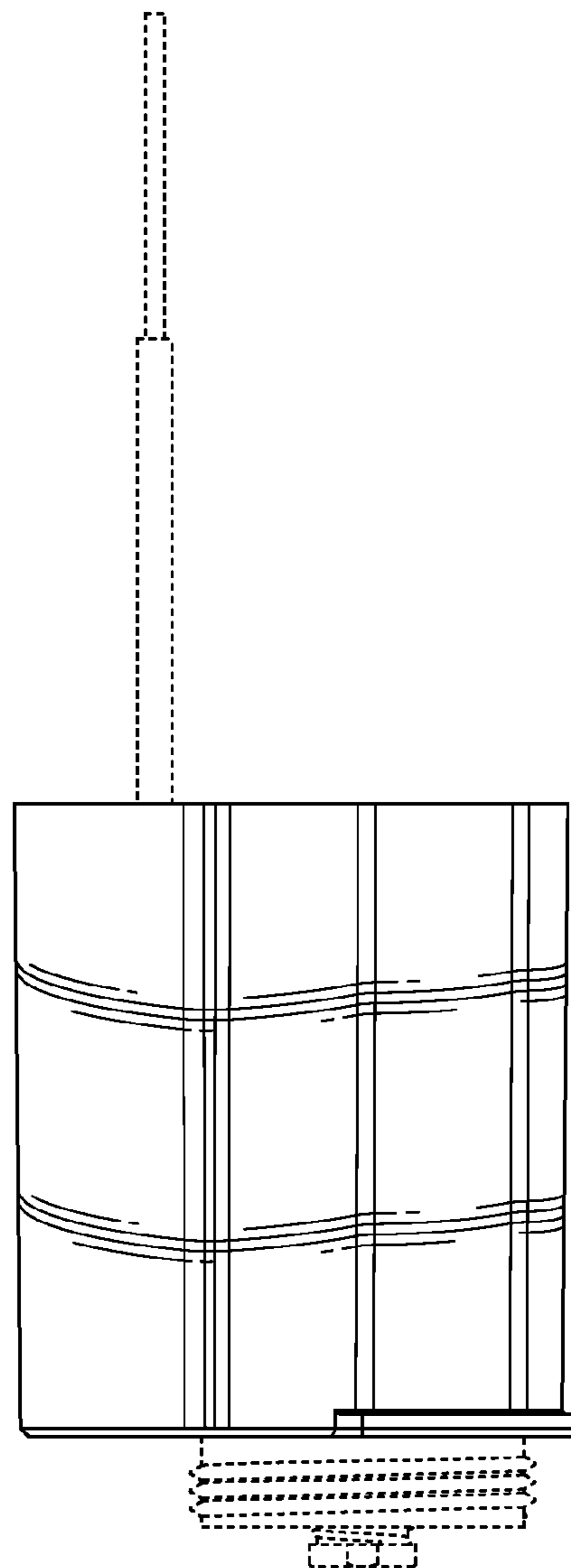


FIG. 6

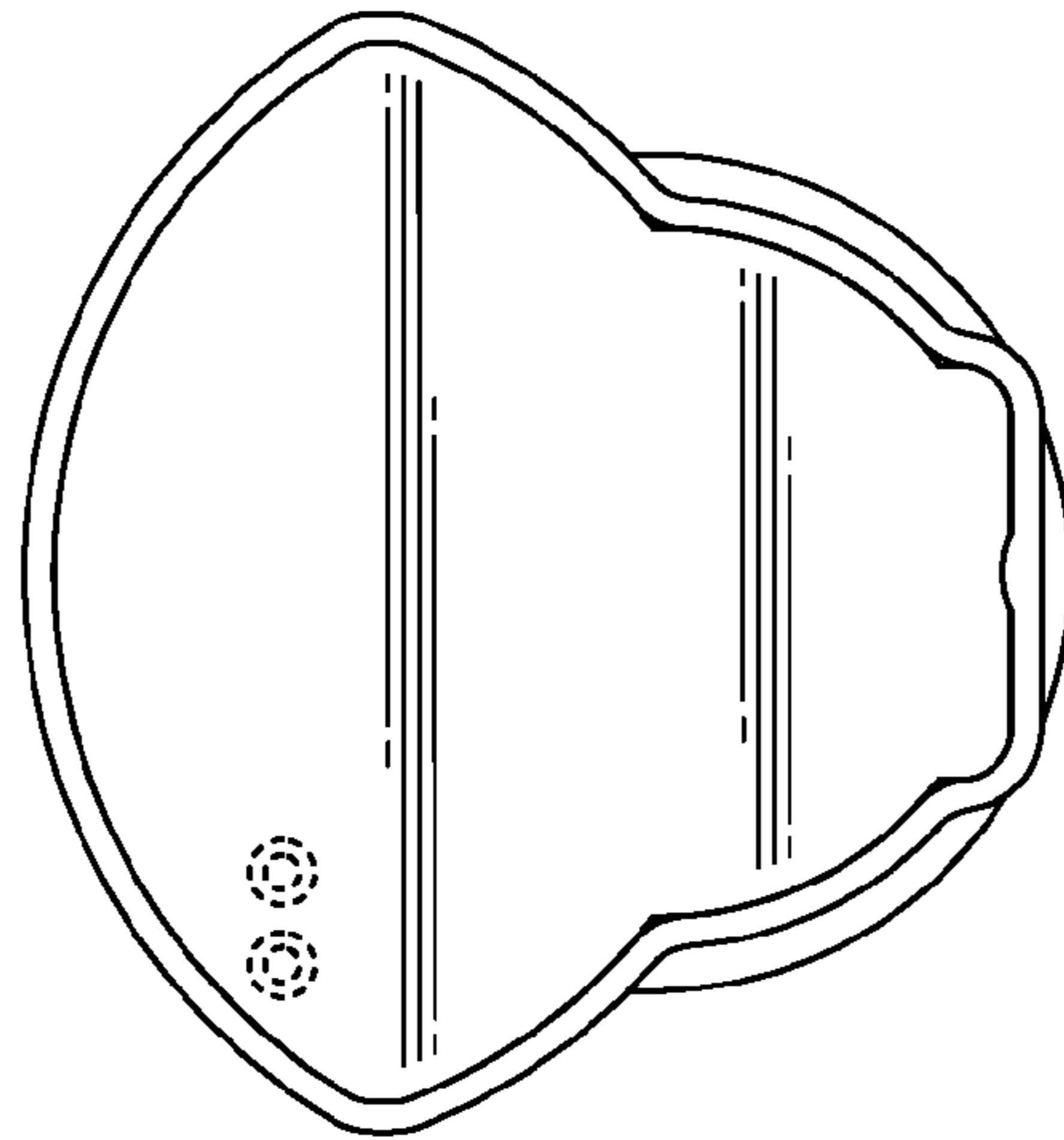


FIG. 7

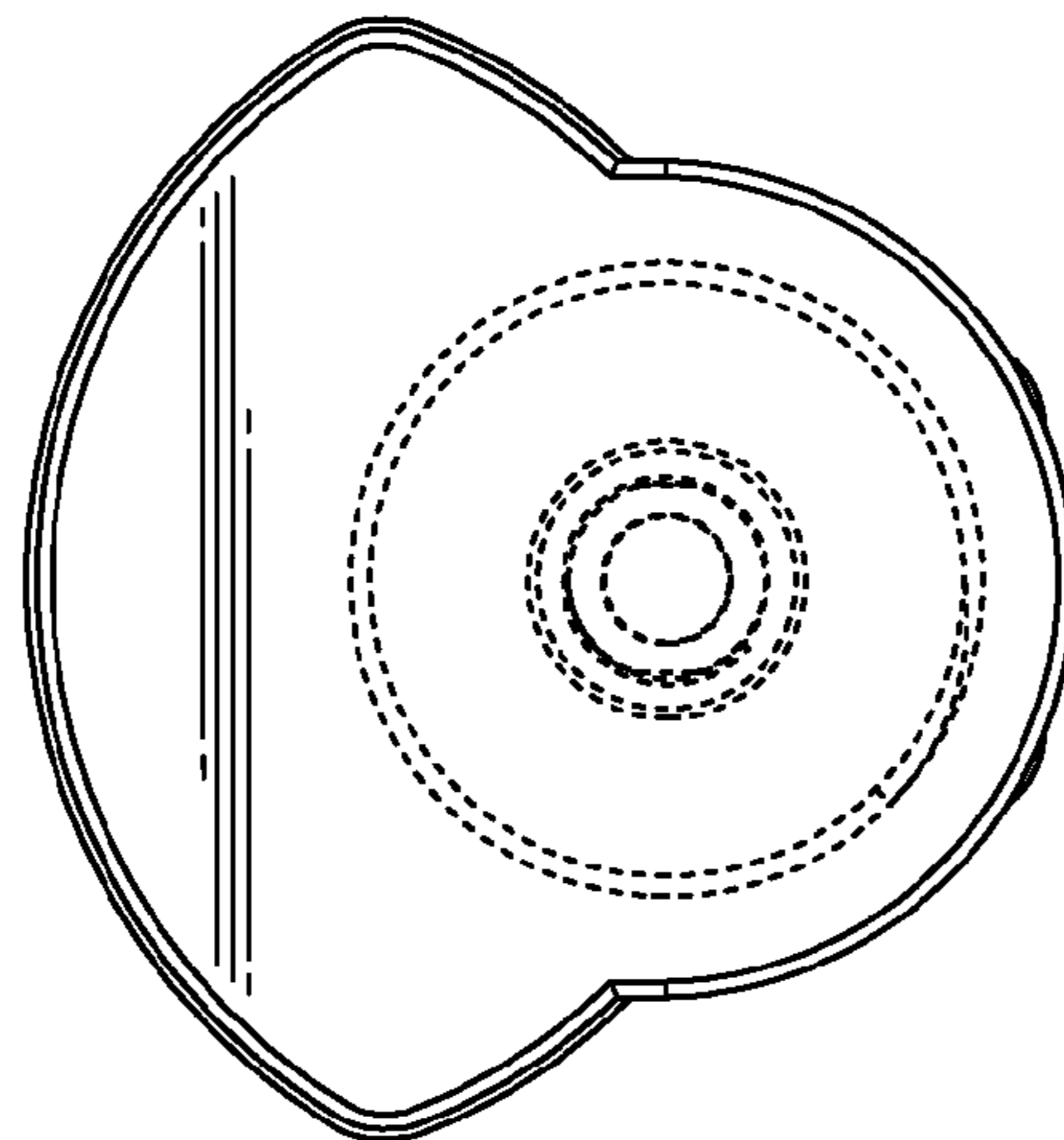


FIG. 8