



US00D611512S

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

(10) **Patent No.:** **US D611,512 S**
(45) **Date of Patent:** **** Mar. 9, 2010**

(54) **DRILL BIT**

(75) Inventor: **Jens Sundin**, Gävle (SE)

(73) Assignee: **Sandvik Intellectual Property AB**,
Sandviken (SE)

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

(21) Appl. No.: **29/309,319**

(22) Filed: **Jul. 23, 2008**

(30) **Foreign Application Priority Data**

Feb. 26, 2008 (EM) 000885256

(51) **LOC (9) Cl.** **15-09**

(52) **U.S. Cl.** **D15/139**

(58) **Field of Classification Search** D8/86;
D15/132, 138, 139, 140; 175/420.2, 414-418,
175/425, 426, 432-434

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,440,244	A *	4/1984	Wiredal	175/415
D454,143	S *	3/2002	Åsberg	D15/139
6,658,968	B2 *	12/2003	Linden et al.	76/108.2
D496,948	S *	10/2004	Charland et al.	D15/139
7,296,641	B2 *	11/2007	Hadin et al.	175/418
7,392,863	B2 *	7/2008	Bjork	175/414
2002/0153174	A1 *	10/2002	Linden et al.	175/426
2004/0040752	A1 *	3/2004	Brandenberg et al.	175/420.1
2004/0182610	A1 *	9/2004	Mocivnik et al.	175/415
2005/0011680	A1 *	1/2005	Egerstrom	175/296

2006/0060389	A1 *	3/2006	Hadin et al.	175/415
2006/0162965	A1 *	7/2006	Hadin	175/296
2007/0137900	A1 *	6/2007	Bjork	175/414

* cited by examiner

Primary Examiner—Sandra Snapp

Assistant Examiner—Patricia Palasik

(74) *Attorney, Agent, or Firm*—Drinker Biddle & Reath LLP

(57) **CLAIM**

The ornamental design for a drill bit, as shown and described.

DESCRIPTION

FIG. 1 shows the rock drill bit in a front view for percussive drilling.

FIG. 2 shows a side view from the left side of the rock drill bit in FIG. 1.

FIG. 3 shows a side view from the lower side of the rock drill bit in FIG. 1.

FIG. 4 shows a side view from the right side of the rock drill bit in FIG. 1.

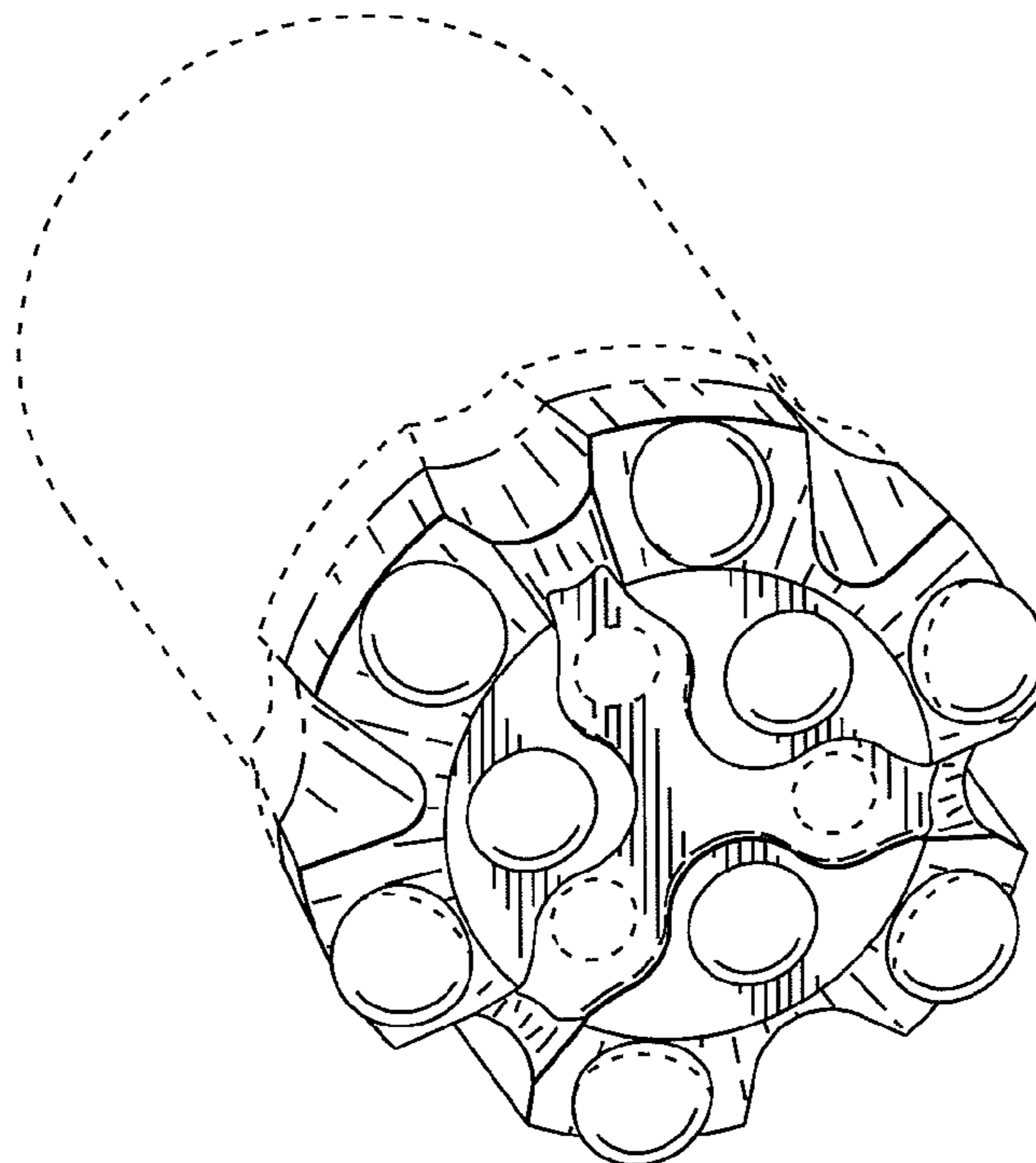
FIG. 5 shows a side view from the upper side of the rock drill bit in FIG. 1.

FIG. 6 shows a perspective front view of the rock drill bit for percussive drilling; and,

FIG. 7 shows a bottom view of the rock drill bit for percussive drilling.

The broken lines in the drawings depict unclaimed environmental subject matter.

1 Claim, 3 Drawing Sheets



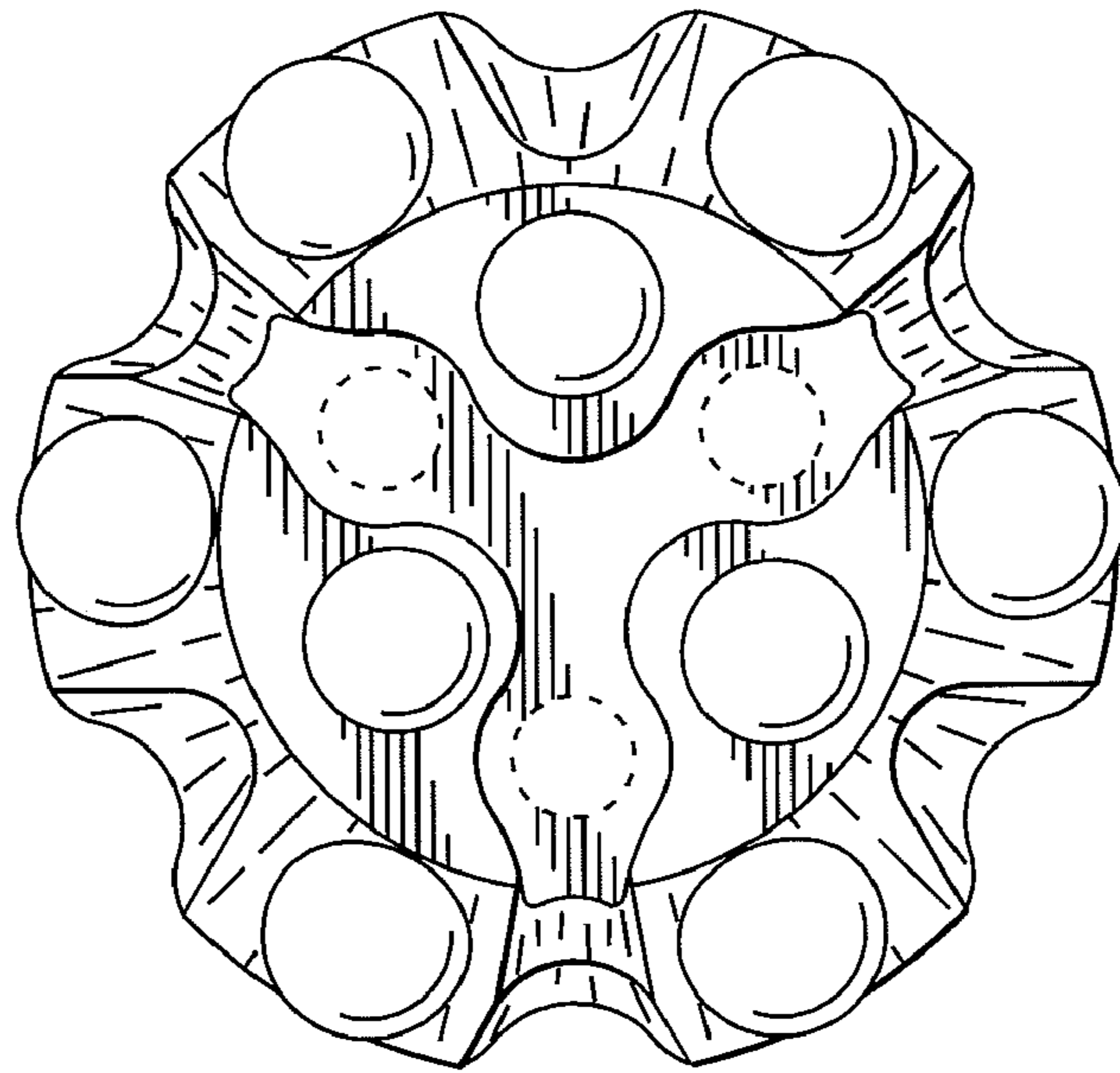


FIG. 1

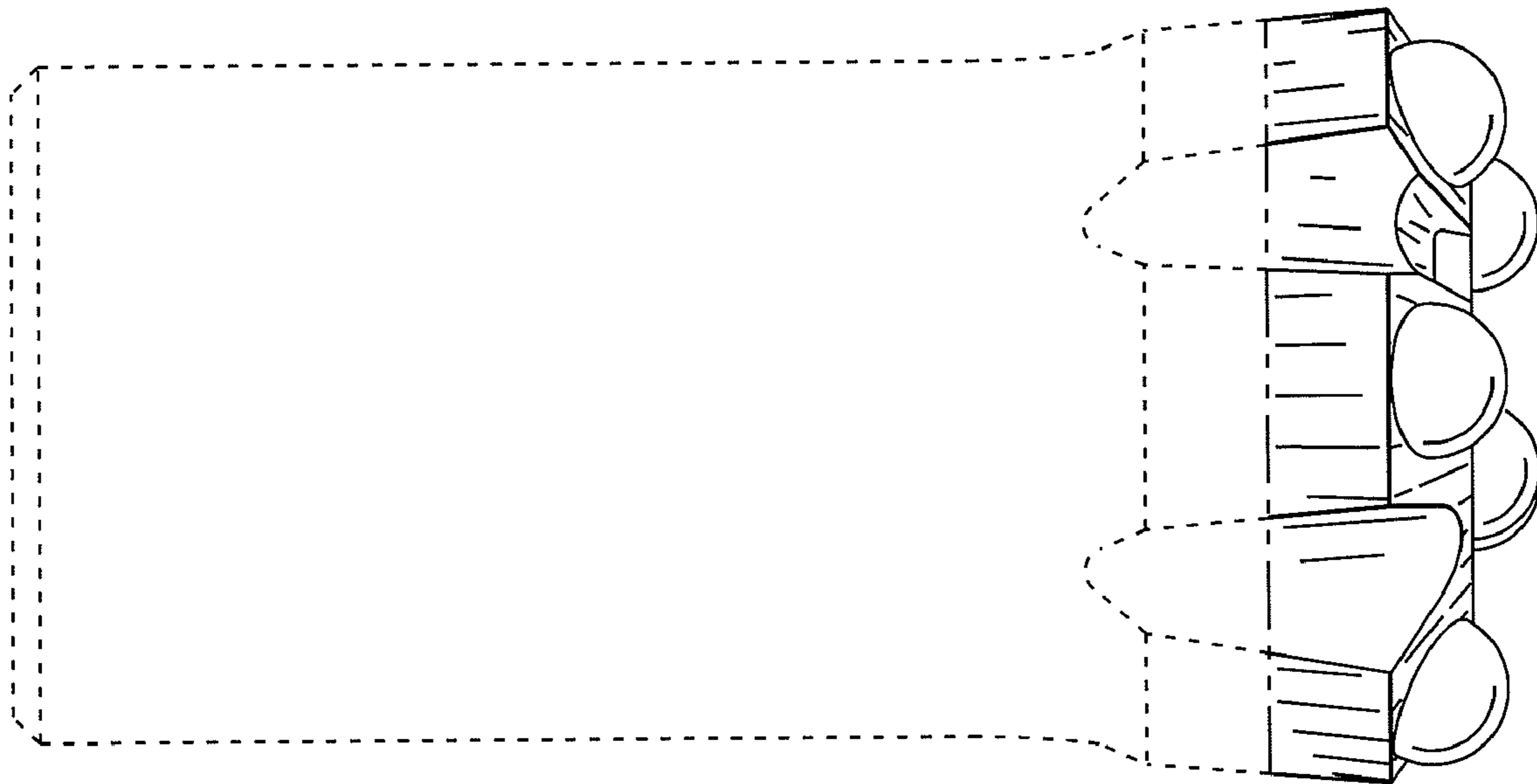


FIG. 2

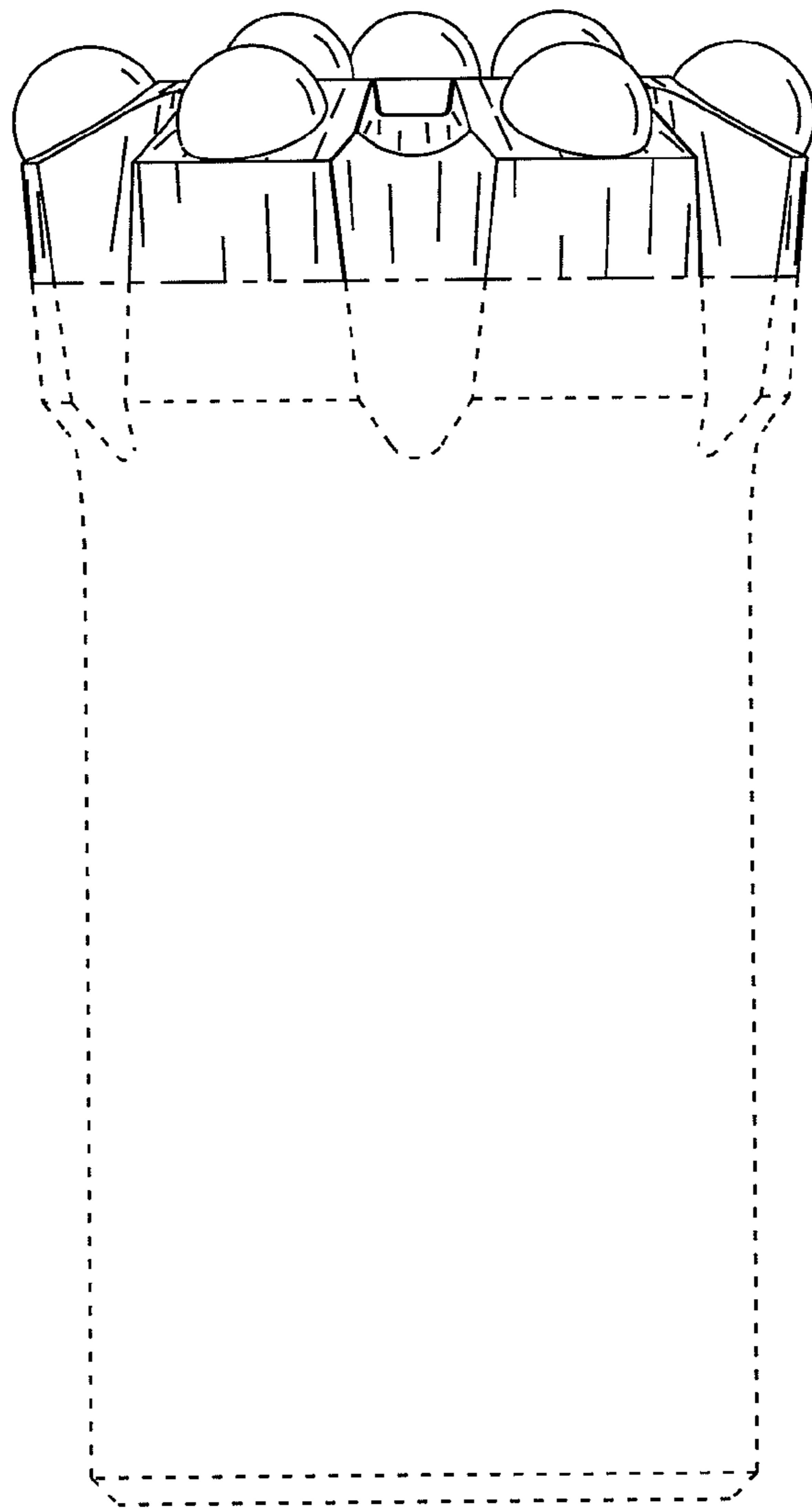


FIG. 3

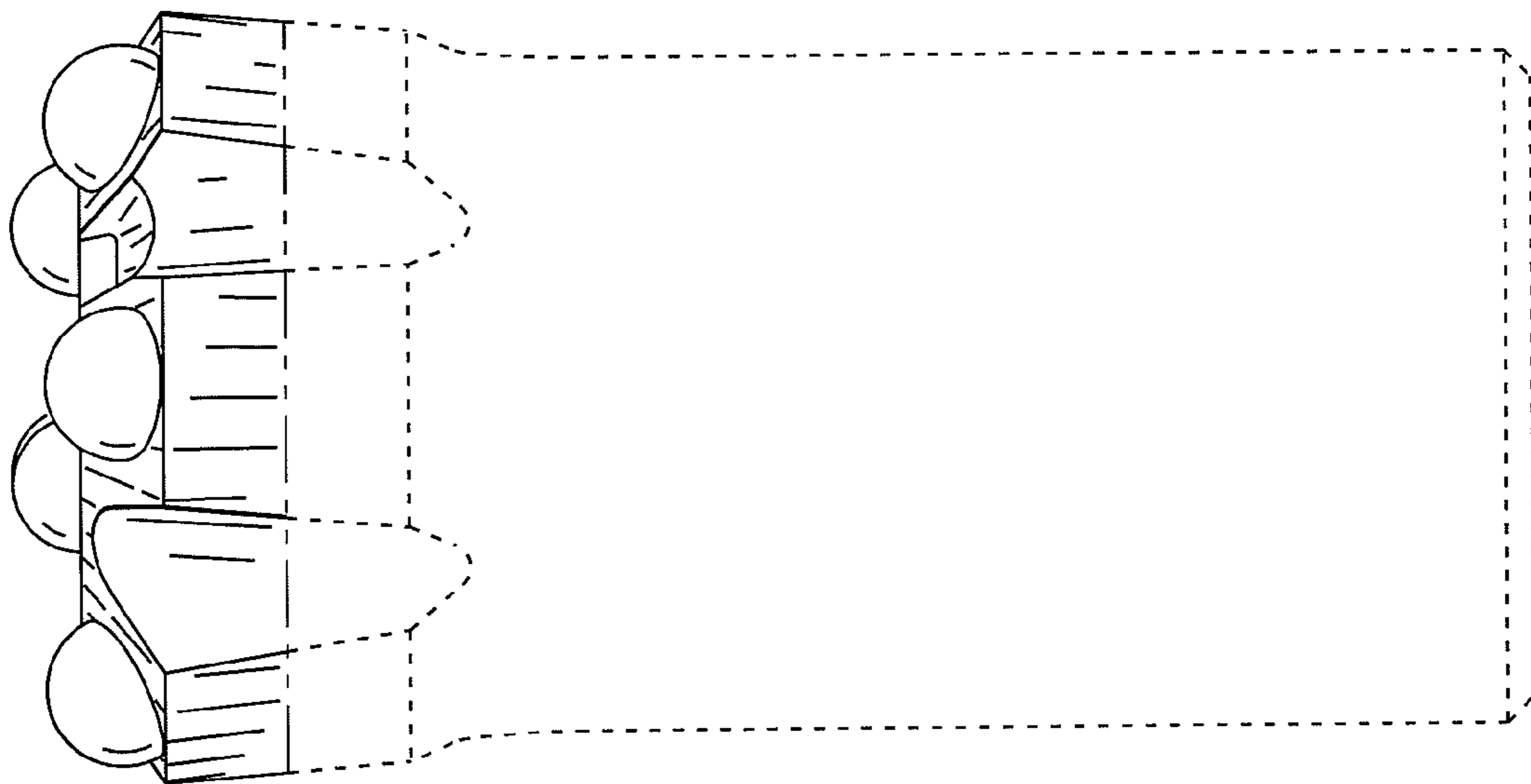


FIG. 4

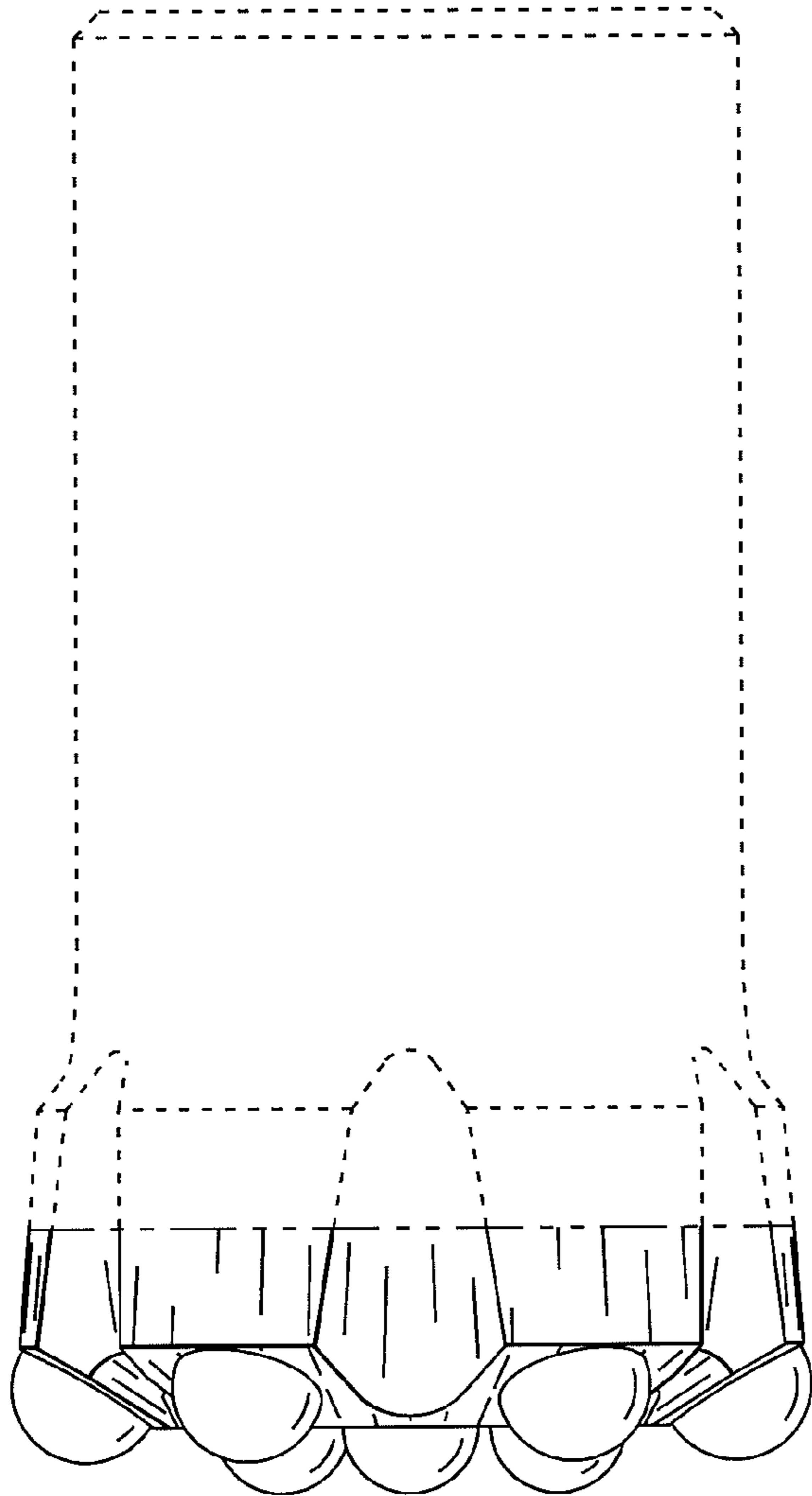


FIG. 5

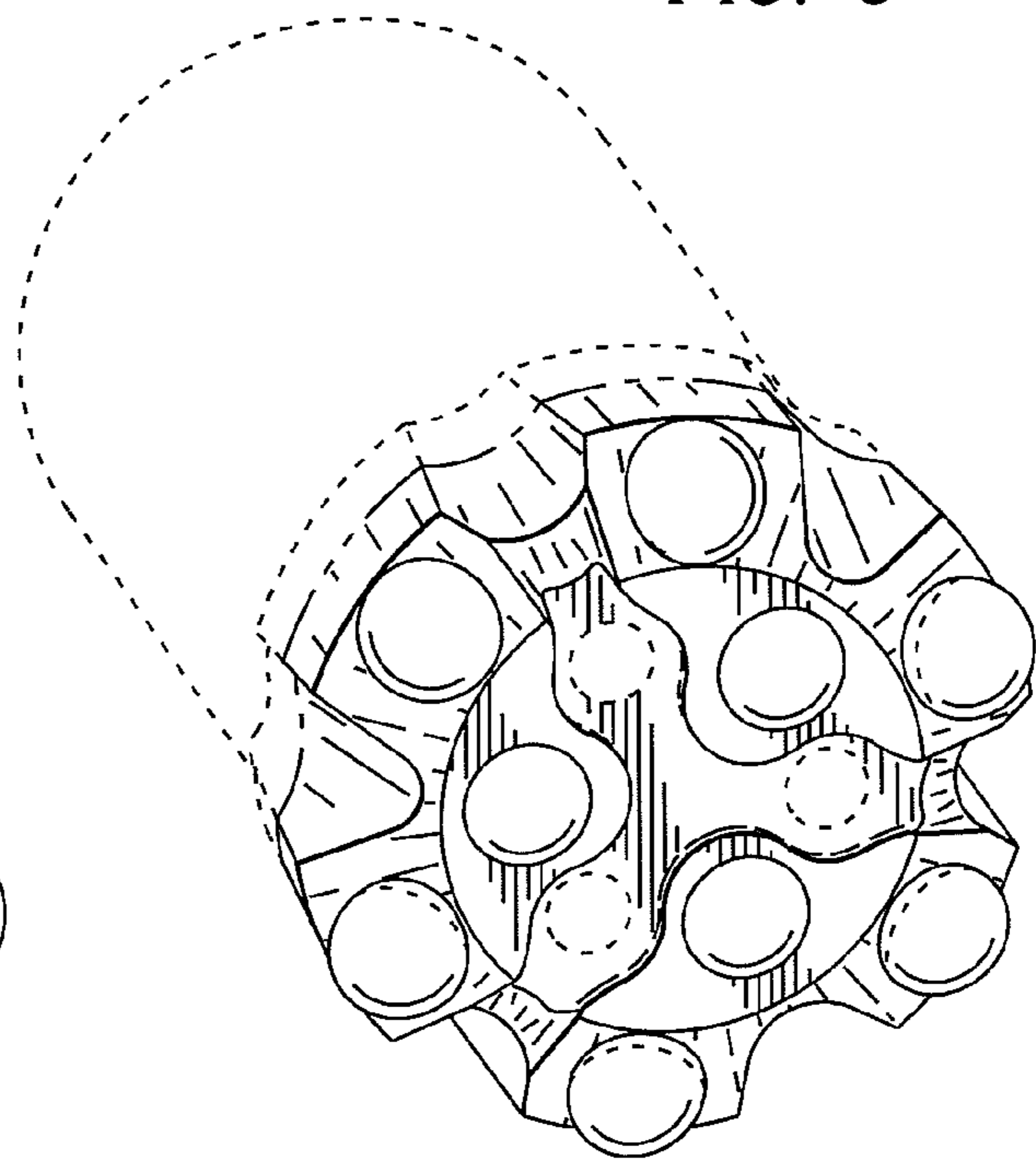


FIG. 6

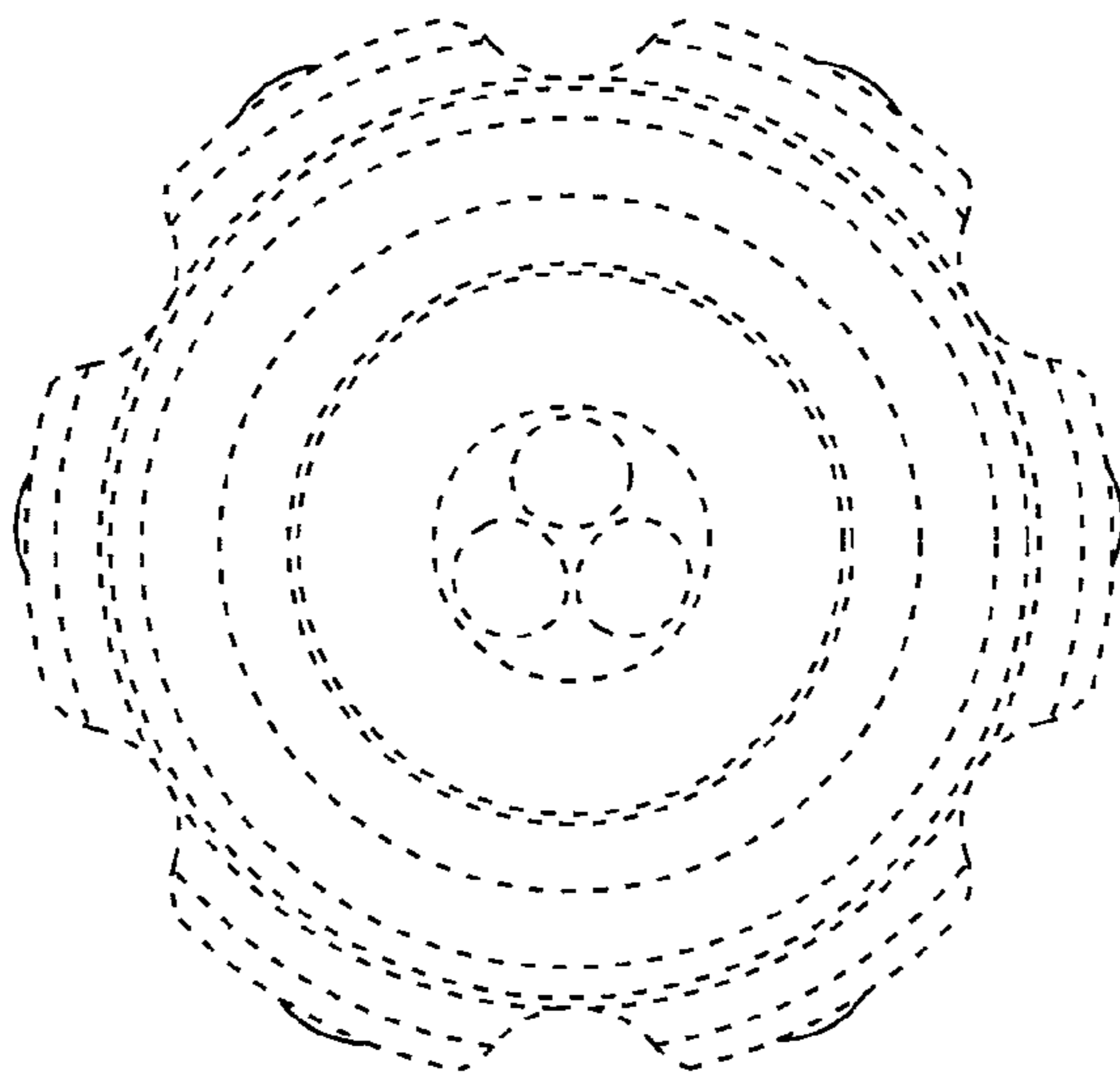


FIG. 7