



US00D640258S

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

(10) **Patent No.:** **US D640,258 S**  
(45) **Date of Patent:** **\*\* Jun. 21, 2011**

(54) **JOYSTICK**

(75) Inventors: **Lane Hobenshield**, Oak Creek, WI (US); **Steven Michael Casey**, Santa Barbara, CA (US)

(73) Assignee: **Bucyrus International, Inc.**, South Milwaukee, WI (US)

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

(21) Appl. No.: **29/342,978**

(22) Filed: **Sep. 3, 2009**

(51) **LOC (9) Cl.** ..... **14-02**

(52) **U.S. Cl.** ..... **D14/412; D21/333; D15/142**

(58) **Field of Classification Search** ..... D14/217, D14/218, 356, 388, 389, 400, 401, 412-416, D14/432-434, 454, 496; D21/324, 332, D21/333; D34/27, 35; 463/1, 30, 36-38, 463/46, 47; 345/156-161, 905; D12/174, D12/178-180; D8/300, 303; D15/138, 142; 74/489, 502.2, 523, 551.8, 551.9

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,645,030	A	2/1987	von Bernuth et al.	
4,702,520	A	10/1987	Whisler et al.	
4,738,417	A	4/1988	Wenger	
4,819,896	A	4/1989	Narad	
5,002,454	A	3/1991	Hadank et al.	
5,142,931	A	9/1992	Menahem	
D357,947	S *	5/1995	Richer	D14/412
5,704,429	A	1/1998	Lee et al.	
D409,169	S *	5/1999	Gustafsson	D14/454
6,283,757	B1	9/2001	Meghnot et al.	
D462,685	S *	9/2002	Yamamoto et al.	D14/415
6,450,278	B1	9/2002	Shirogami et al.	
6,542,789	B2	4/2003	Ufheil	
6,571,902	B2	6/2003	Heyne et al.	

D483,308	S *	12/2003	Hartono et al.	D12/179
6,675,508	B2	1/2004	Tamaru et al.	
6,856,035	B2	2/2005	Brandon et al.	
6,880,855	B2	4/2005	Chernoff et al.	
D506,422	S *	6/2005	Crookes	D12/179
6,932,113	B1	8/2005	Kauss	
6,971,194	B2	12/2005	McClelland et al.	
7,188,991	B1	3/2007	Weiler	

(Continued)

**OTHER PUBLICATIONS**

United States Statutory Invention Registration No. H1,851 published Jun. 6, 2000, inventor Kelley et al.

(Continued)

*Primary Examiner* — Stella M Reid

*Assistant Examiner* — Keli L Hill

(74) *Attorney, Agent, or Firm* — Foley & Lardner LLP

(57) **CLAIM**

The ornamental design for a joystick, as shown and described.

**DESCRIPTION**

FIG. 1 is a top, rear perspective view of a joystick showing our new design;

FIG. 2 is a left elevation view of the joystick of FIG. 1;

FIG. 3 is a rear elevation view of the joystick of FIG. 1;

FIG. 4 is a right side elevation view of the joystick of FIG. 1;

FIG. 5 is a front elevation view of the joystick of FIG. 1;

FIG. 6 is a top view of the joystick of FIG. 1;

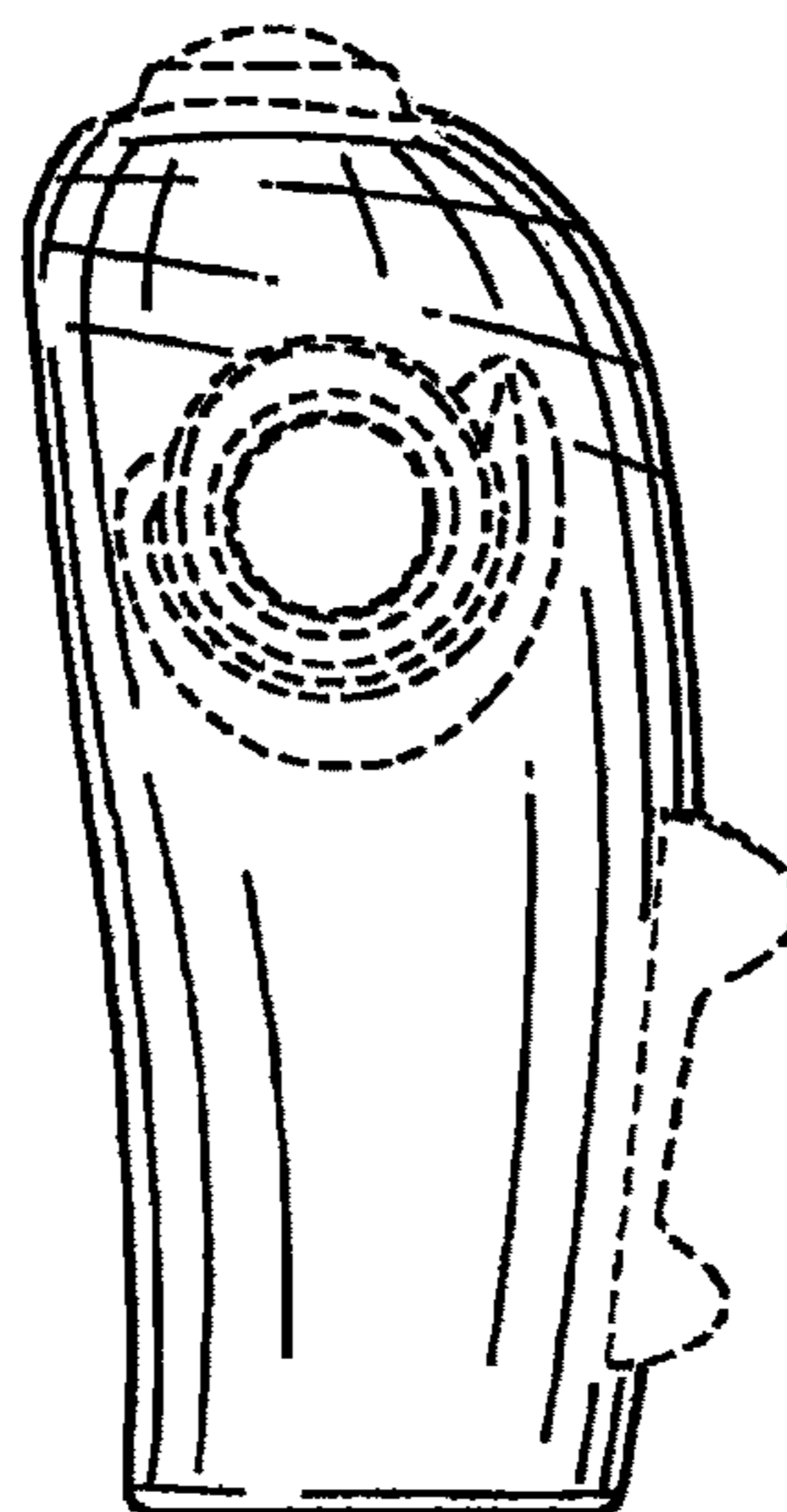
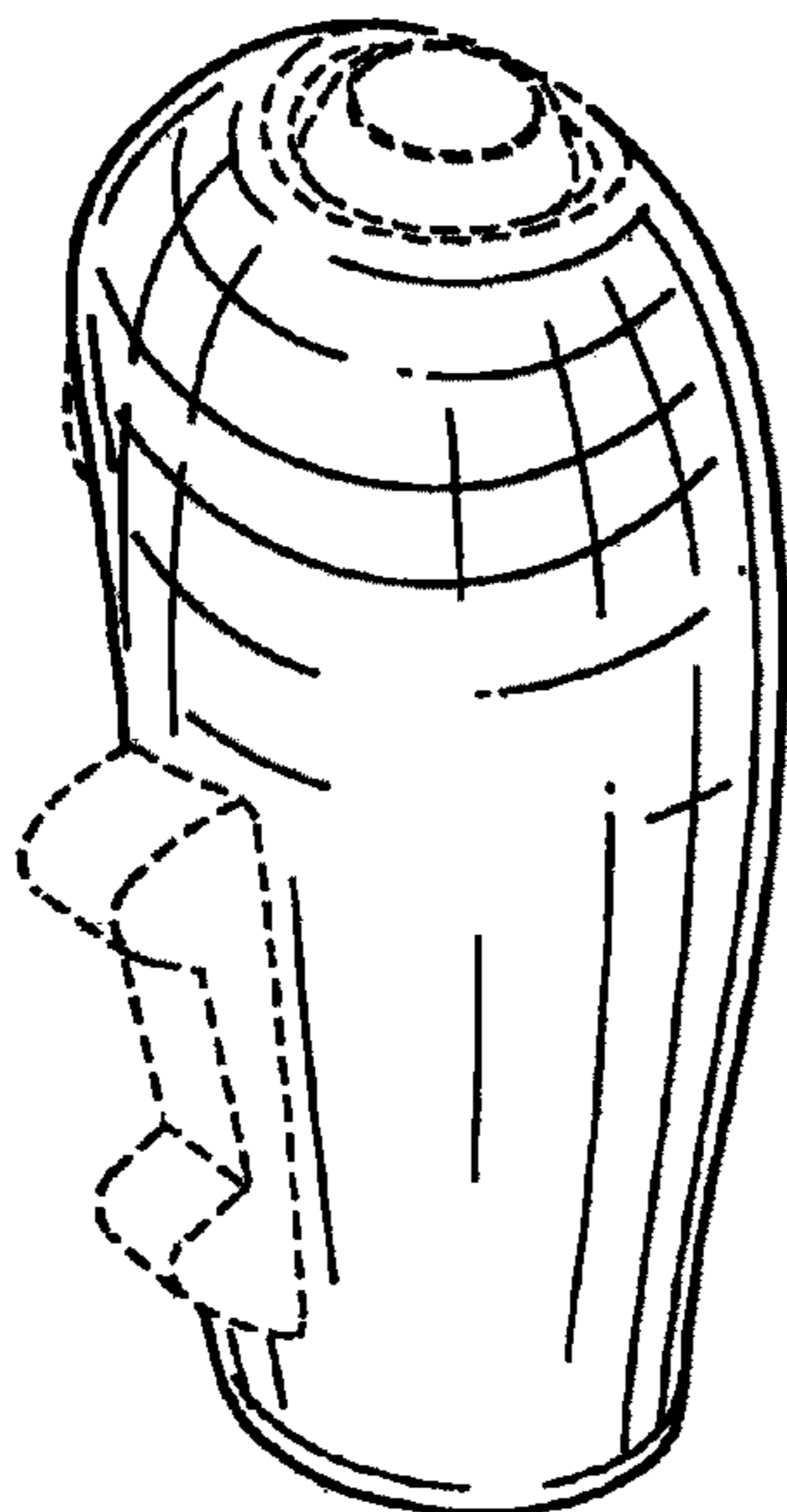
FIG. 7 is a bottom view of the joystick of FIG. 1;

FIG. 8 is a top, rear perspective mirror image view of the joystick of FIG. 1; and,

FIG. 9 is a right side elevation mirror image view of the joystick of FIG. 1.

The broken line representations of items in FIGS. 1-9 are for purposes of illustration only, and form no part of the claimed design.

**1 Claim, 4 Drawing Sheets**



# US D640,258 S

Page 2

---

## U.S. PATENT DOCUMENTS

7,237,501 B2 7/2007 Stallings et al.  
7,293,625 B2 11/2007 Kumazawa  
7,334,658 B2 2/2008 Berg et al.  
D571,268 S \* 6/2008 Hoffman ..... D12/179  
7,458,439 B2 12/2008 Catton et al.  
7,497,298 B2 3/2009 Shearer et al.  
7,520,567 B2 4/2009 Billger et al.  
7,681,686 B1 3/2010 Klas et al.

2005/0102866 A1 5/2005 Sewell et al.  
2009/0026001 A1 1/2009 Shaum  
2009/0223735 A1 9/2009 Ruhter et al.

## OTHER PUBLICATIONS

United States Statutory Invention Registration No. H1,831 published  
Feb. 1, 2000, inventor Kelley et al.

\* cited by examiner

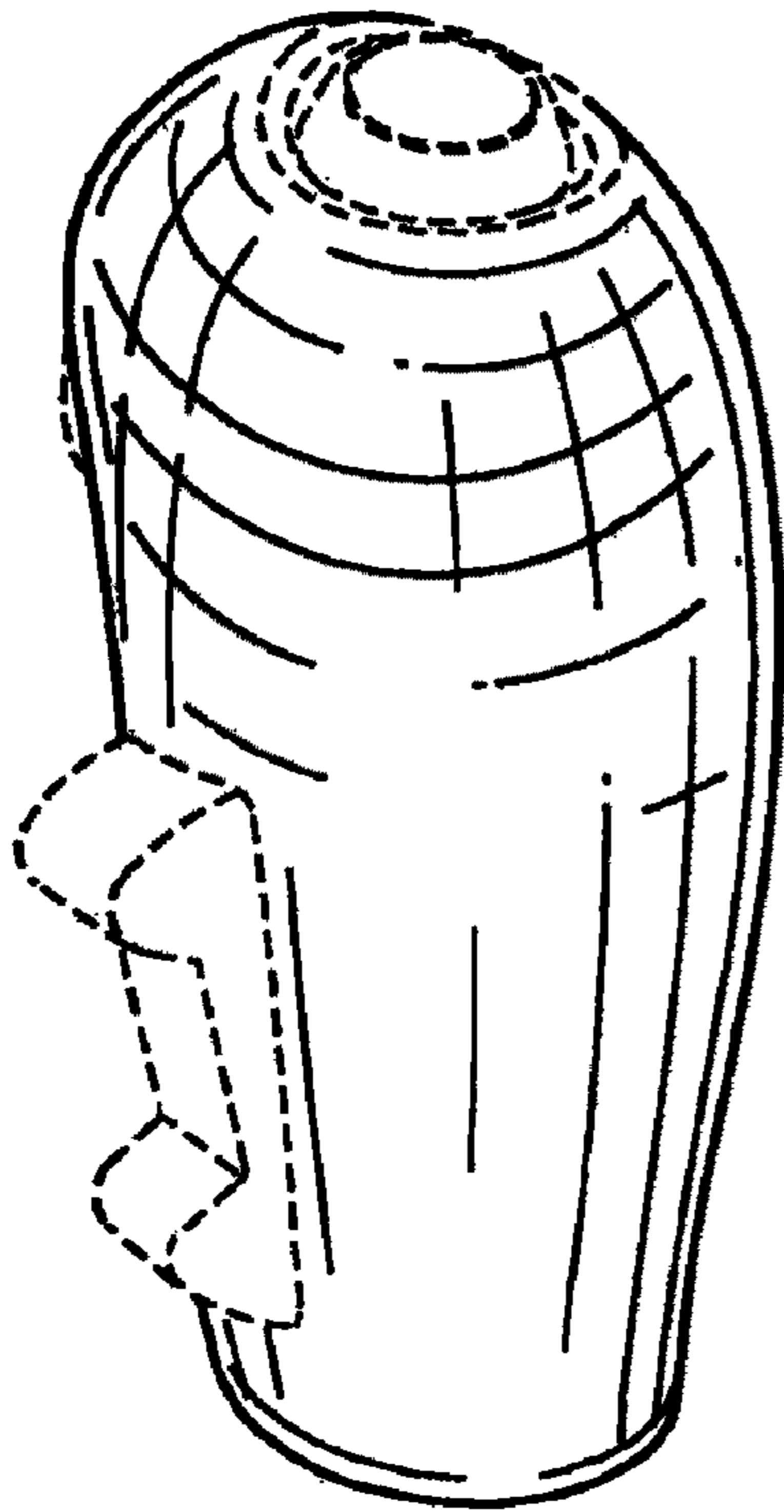


FIG. 1

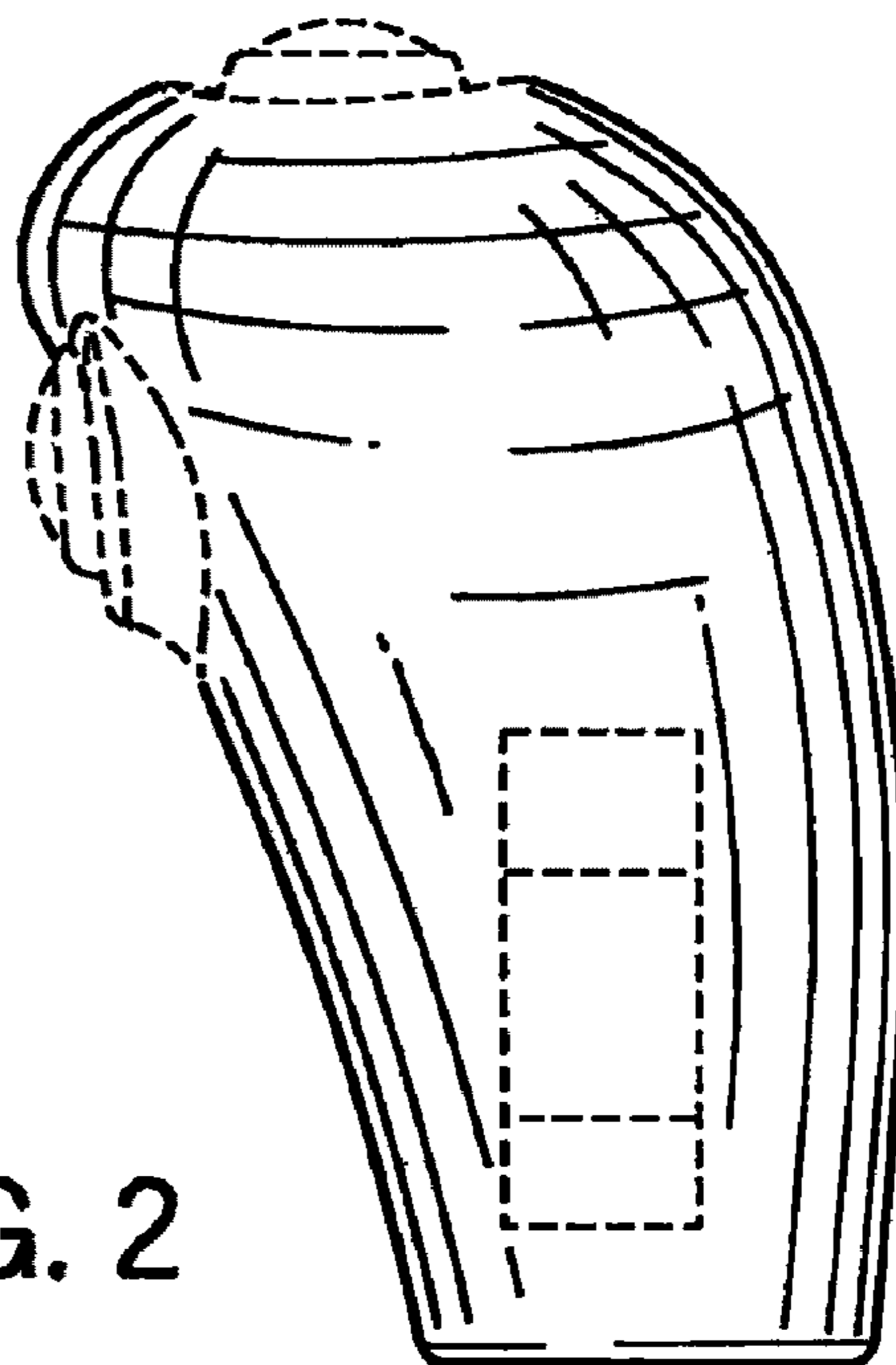


FIG. 2

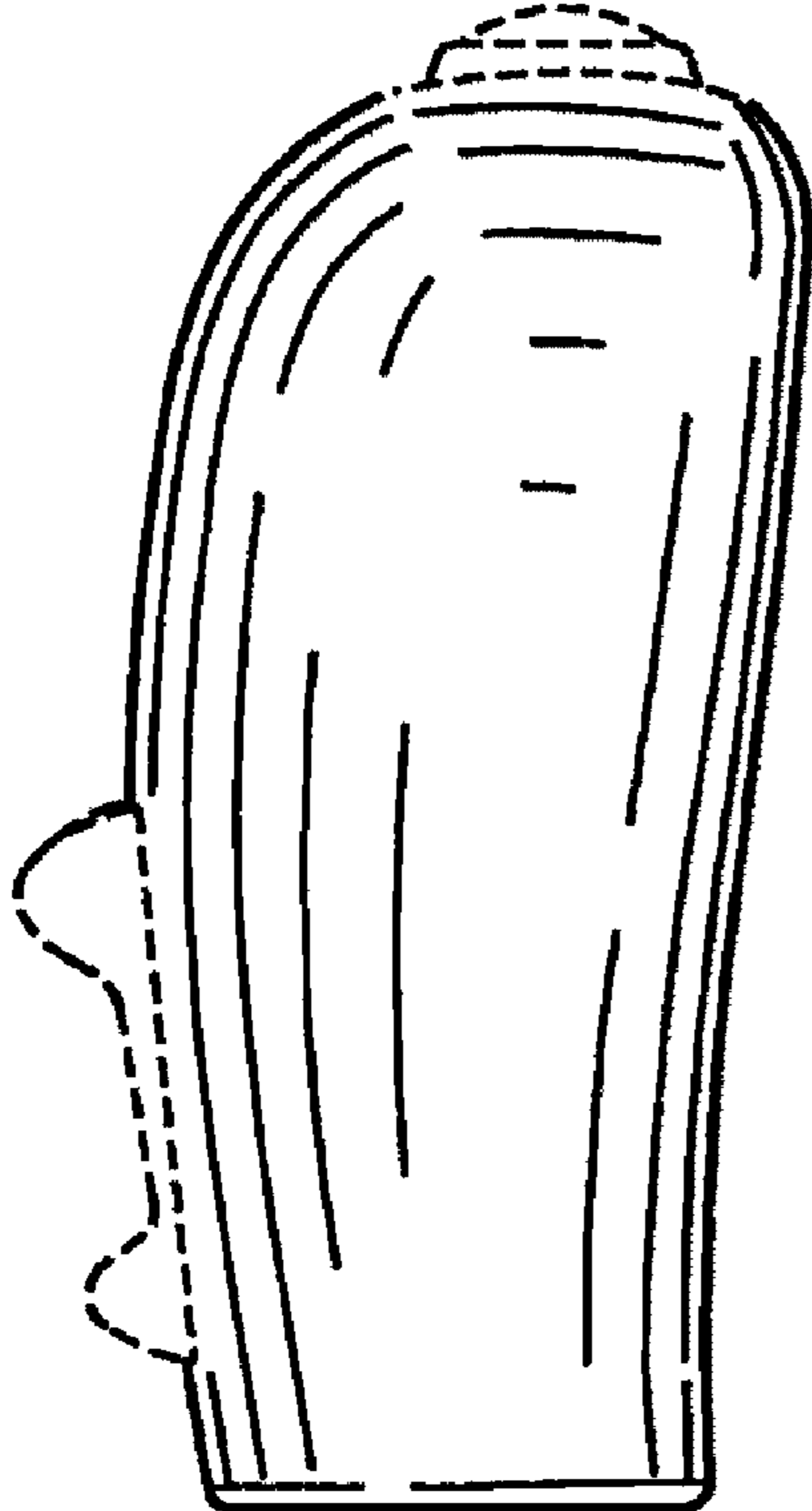


FIG. 3

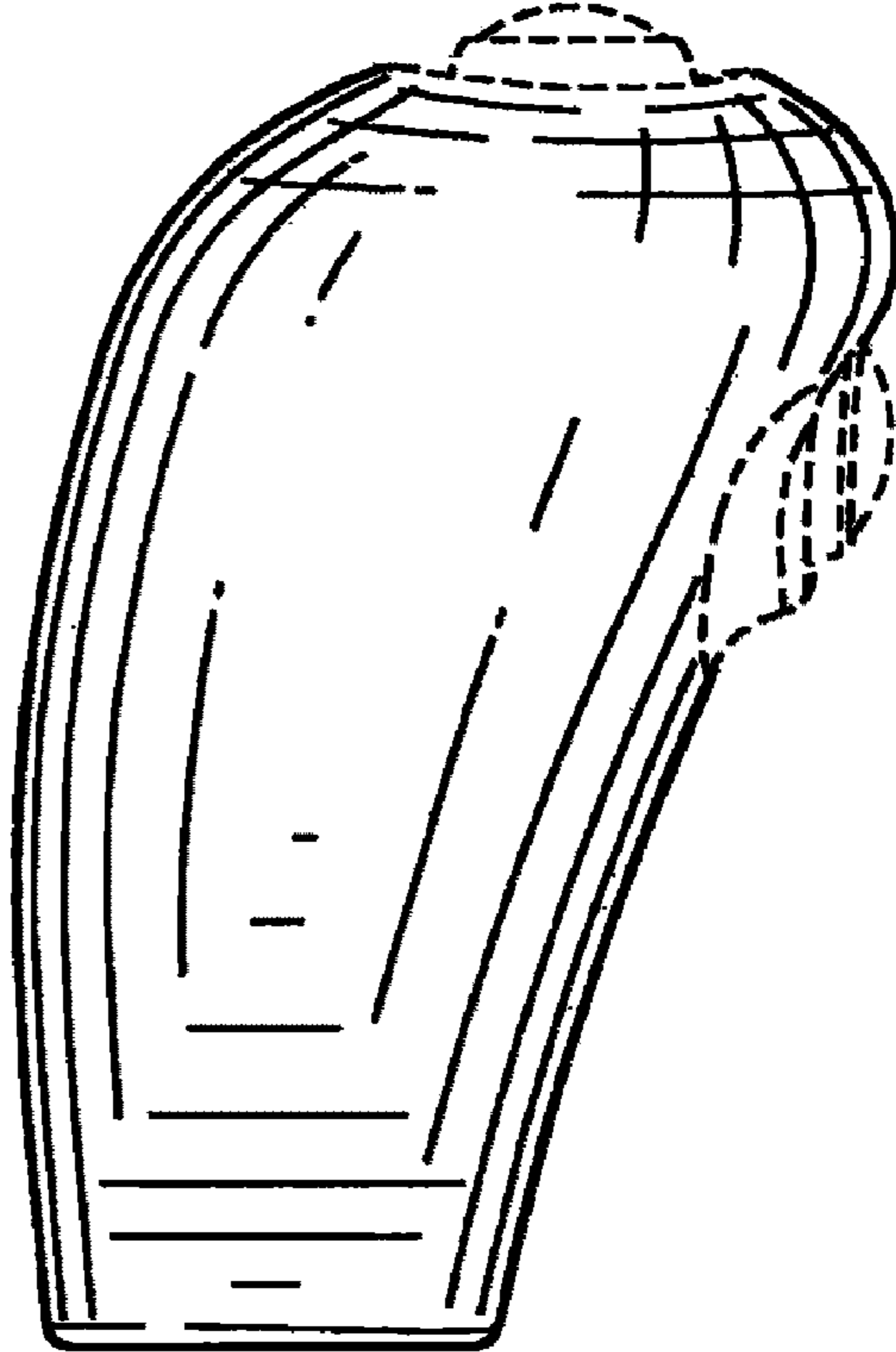


FIG. 4

FIG. 5

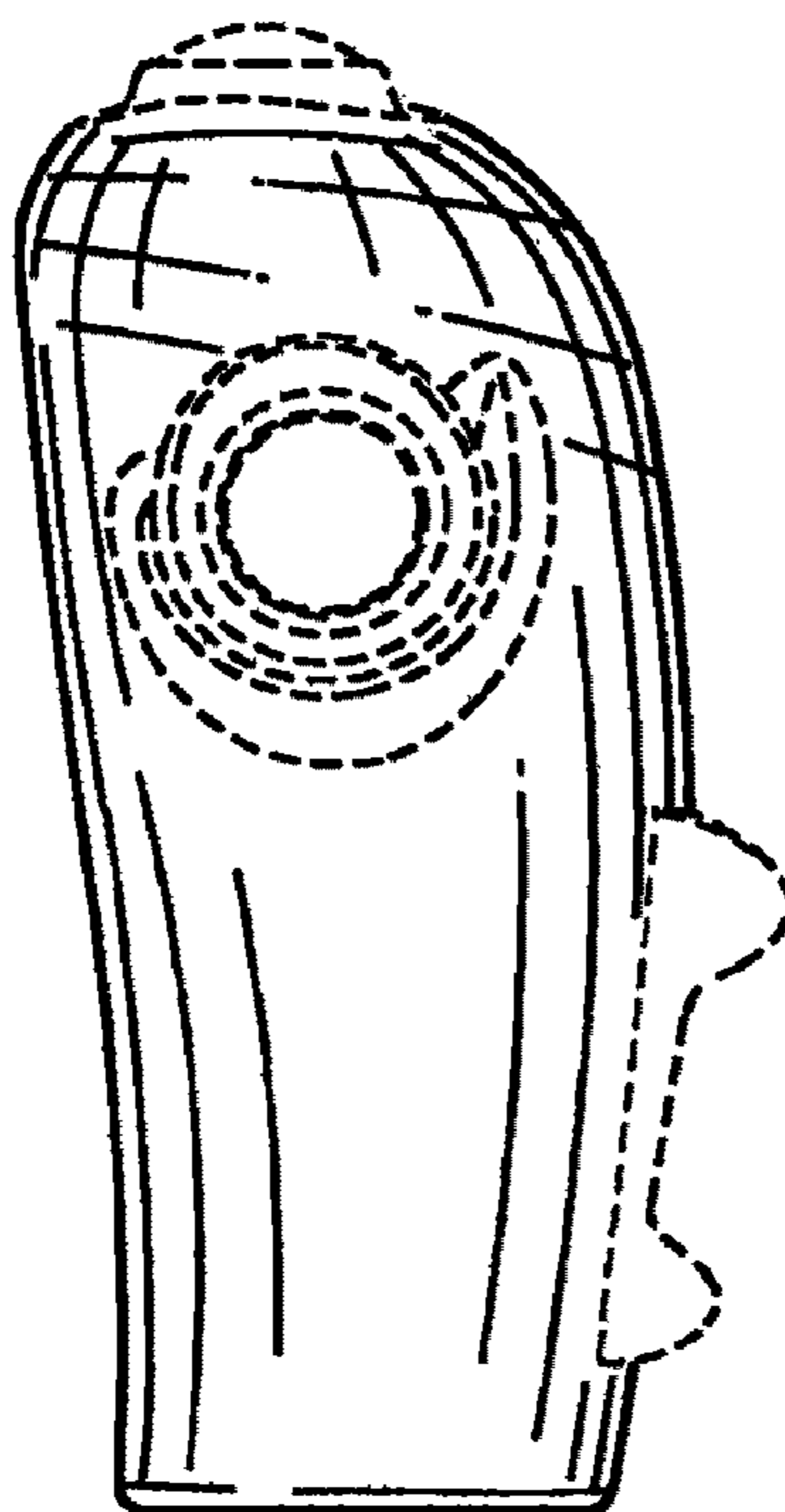


FIG. 6

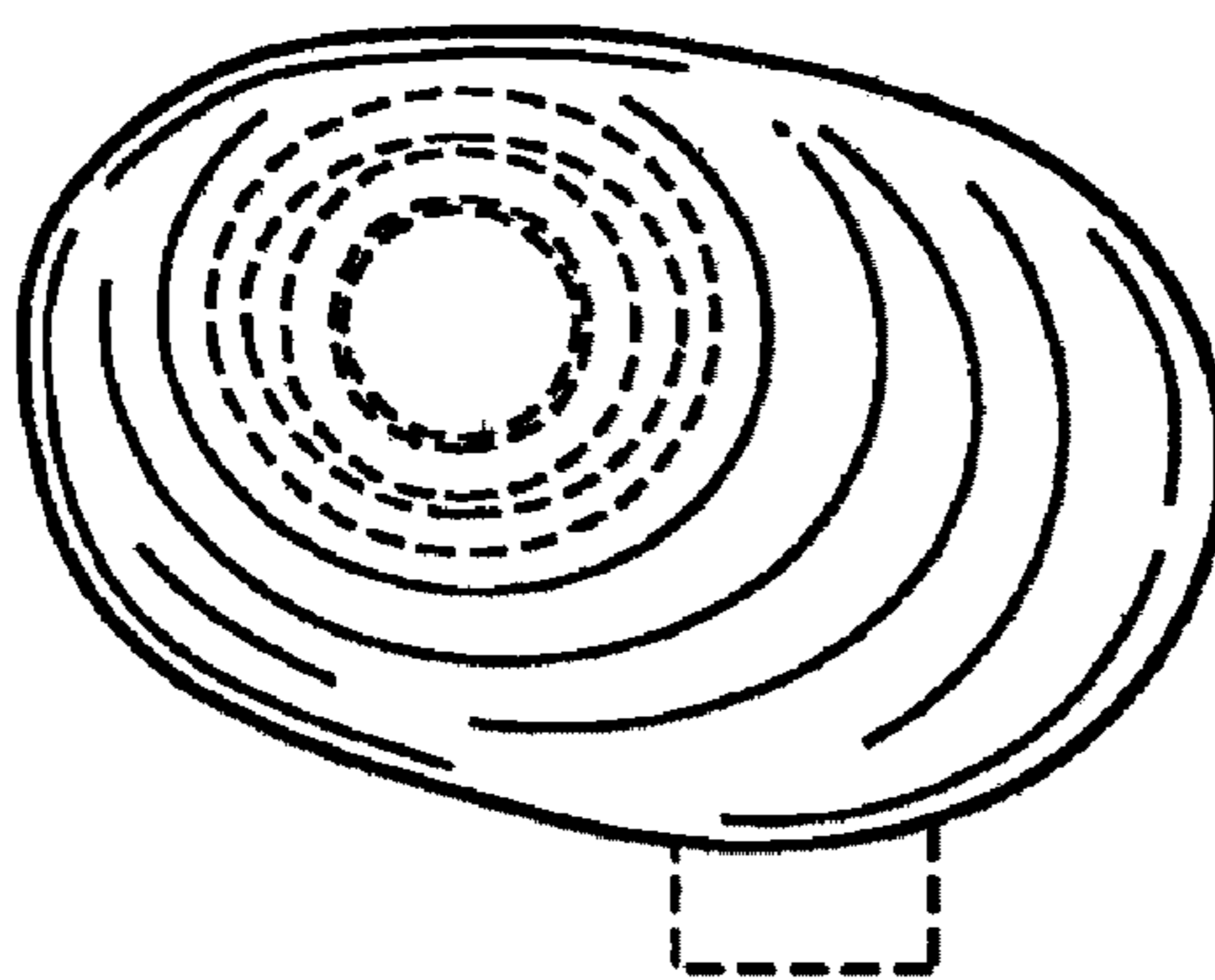


FIG. 7

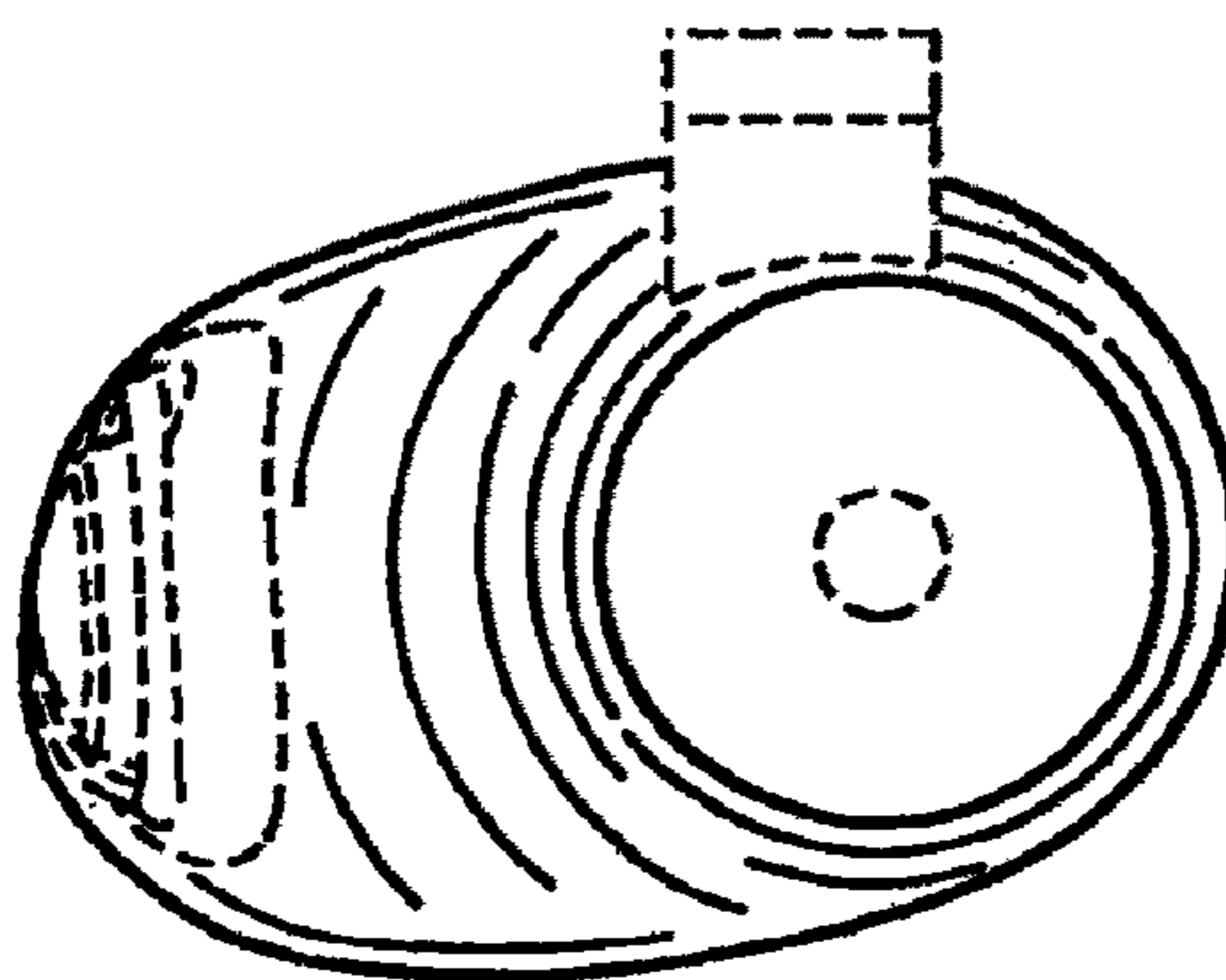


FIG. 8

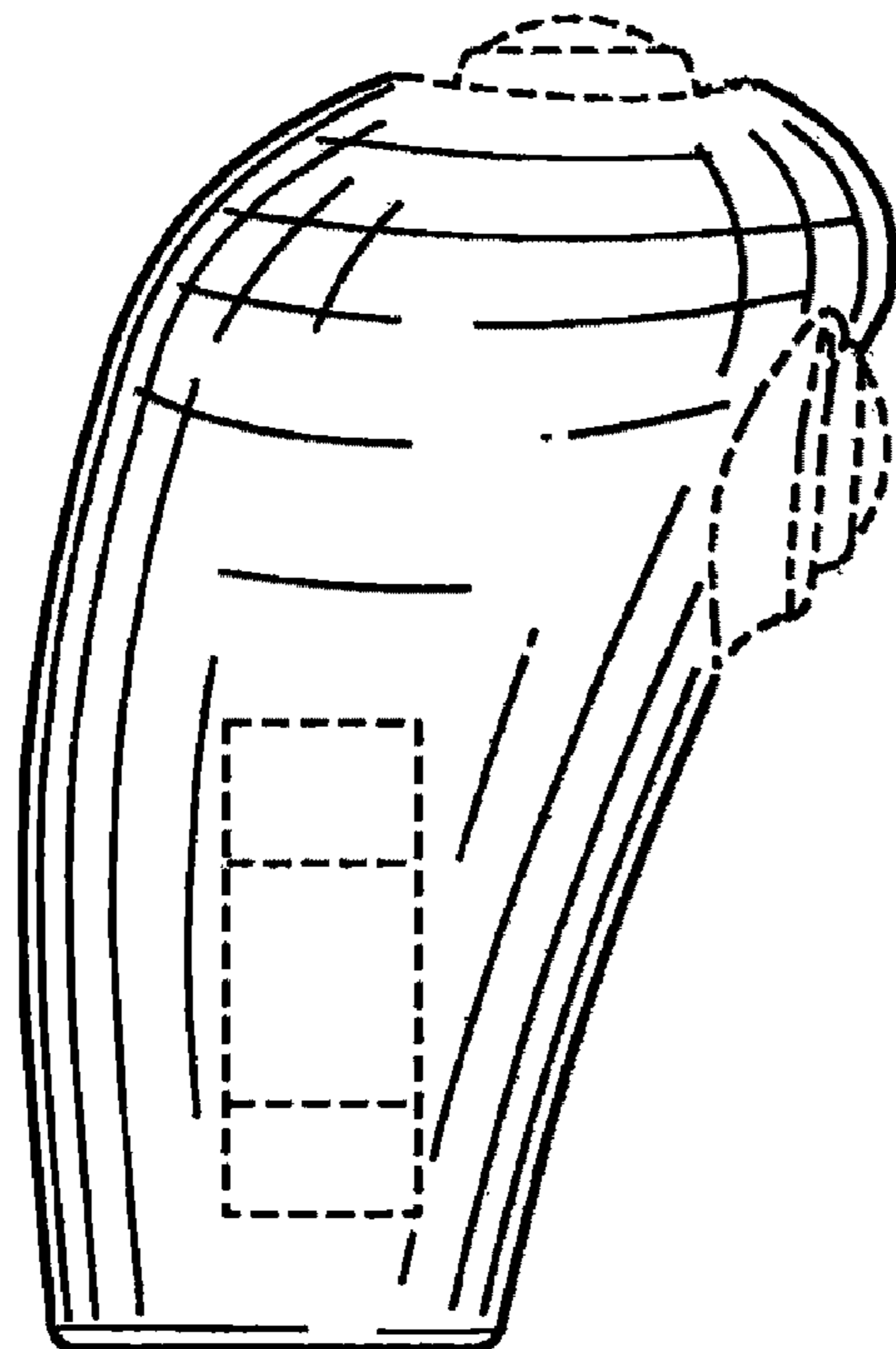
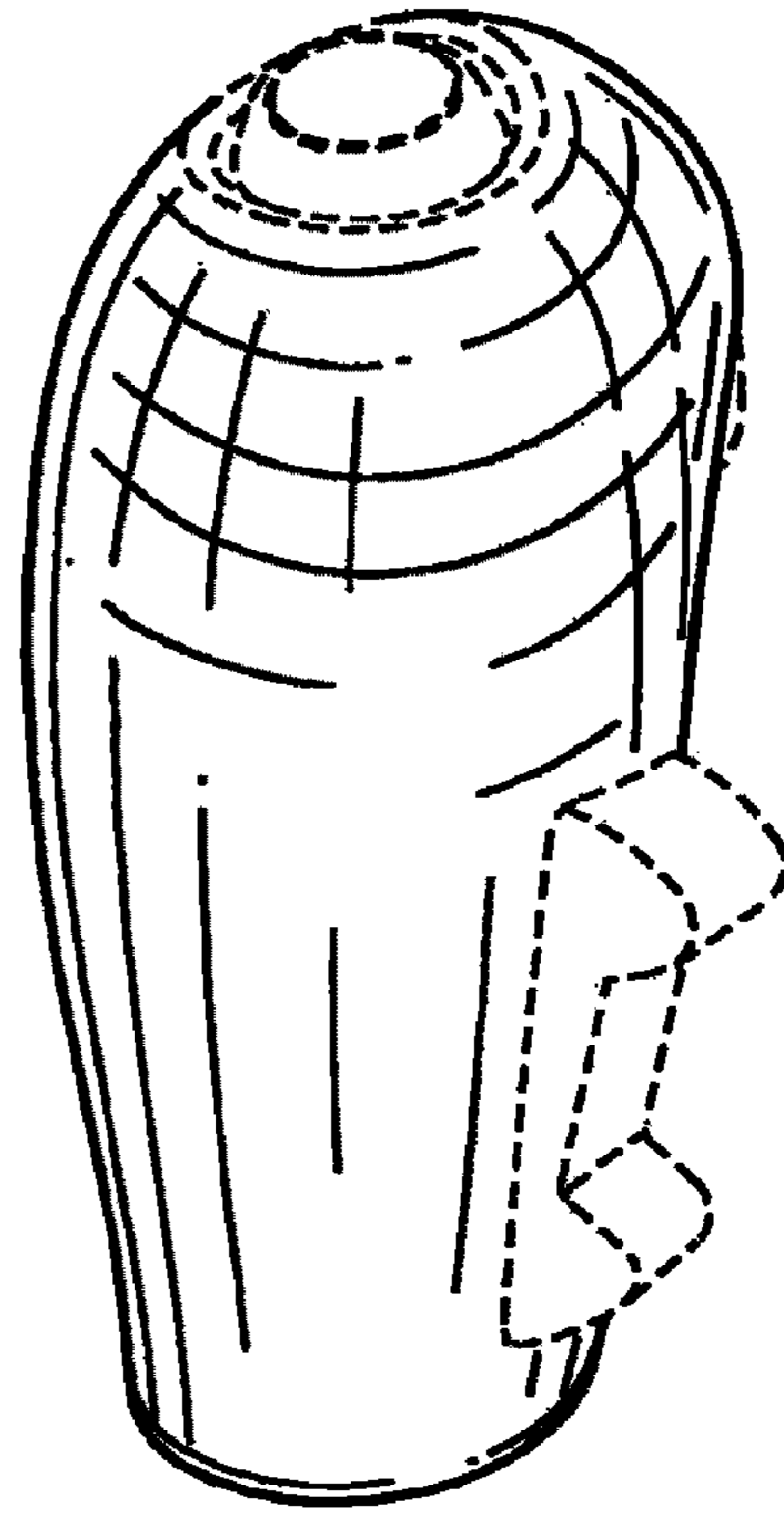


FIG. 9