



US00D915885S

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

(10) **Patent No.:** **US D915,885 S**  
(45) **Date of Patent:** **\*\* Apr. 13, 2021**

(54) **AEROSOL DISPENSING CAP**  
(71) Applicant: **ILLINOIS TOOL WORKS INC.**,  
Glenview, IL (US)  
(72) Inventors: **Carey Christopher Costle**, Tucson, AZ  
(US); **Stephen Edward Richey**,  
Atascadero, CA (US); **Brendan**  
**Sangster**, San Luis Obispo, CA (US)

4,684,032 A \* 8/1987 Tsay ..... A47J 41/0027  
215/12.1  
4,941,600 A \* 7/1990 Berriochoa ..... B65D 83/205  
222/402.13  
5,130,020 A \* 7/1992 Meckstroth ..... C02F 1/003  
206/216  
5,305,784 A \* 4/1994 Carter ..... B60C 29/064  
137/223  
5,611,466 A \* 3/1997 Hsiao ..... B65D 83/303  
222/402.13

(73) Assignee: **ILLINOIS TOOL WORKS INC.**,  
Glenview, IL (US)

(Continued)

(\*\*) Term: **15 Years**

*Primary Examiner* — Wendy L Arminio

(74) *Attorney, Agent, or Firm* — Pauley Erickson &  
Swanson

(21) Appl. No.: **29/684,318**

(22) Filed: **Mar. 20, 2019**

(51) **LOC (13) Cl.** ..... **09-07**

(57) **CLAIM**

(52) **U.S. Cl.**  
USPC ..... **D9/448**

The ornamental design for an aerosol dispensing cap, as  
shown and described.

(58) **Field of Classification Search**  
USPC ..... D9/414, 415, 432, 434, 435, 443–453,  
D9/455–457, 499, 503, 504, 682, 685,  
D9/686; D7/387, 391, 392, 392.1, 394,  
D7/396.1–396.4, 506, 507, 509–511, 538,  
D7/900; D3/202, 203.2, 294, 318;  
D28/91, 91.1; D23/266  
CPC .. A61J 1/00; A61J 1/1412; B65D 1/00; B65D  
1/02; B65D 1/10; B65D 1/46; B65D  
5/46; B65D 41/00; B65D 41/38; B65D  
41/56; B65D 41/62; B65D 47/00; B65D  
47/06; B65D 47/08; B65D 2251/00;  
B65D 2543/00046; B65D 2543/00092;  
B65D 2543/00296; B65D 2585/56; B65D  
2585/545

**DESCRIPTION**

FIG. 1 is a rear perspective view of the aerosol dispensing  
cap, according to the invention;  
FIG. 2 is a front perspective view of the aerosol dispensing  
cap shown in FIG. 1;  
FIG. 3 is a rear view of the aerosol dispensing cap shown in  
FIG. 1;  
FIG. 4 is a front view of the aerosol dispensing cap shown  
in FIG. 1;  
FIG. 5 is a side view of the aerosol dispensing cap shown in  
FIG. 1;  
FIG. 6 is a top view of the aerosol dispensing cap shown in  
FIG. 1; and,  
FIG. 7 is a bottom view of the aerosol dispensing cap shown  
in FIG. 1.

See application file for complete search history.

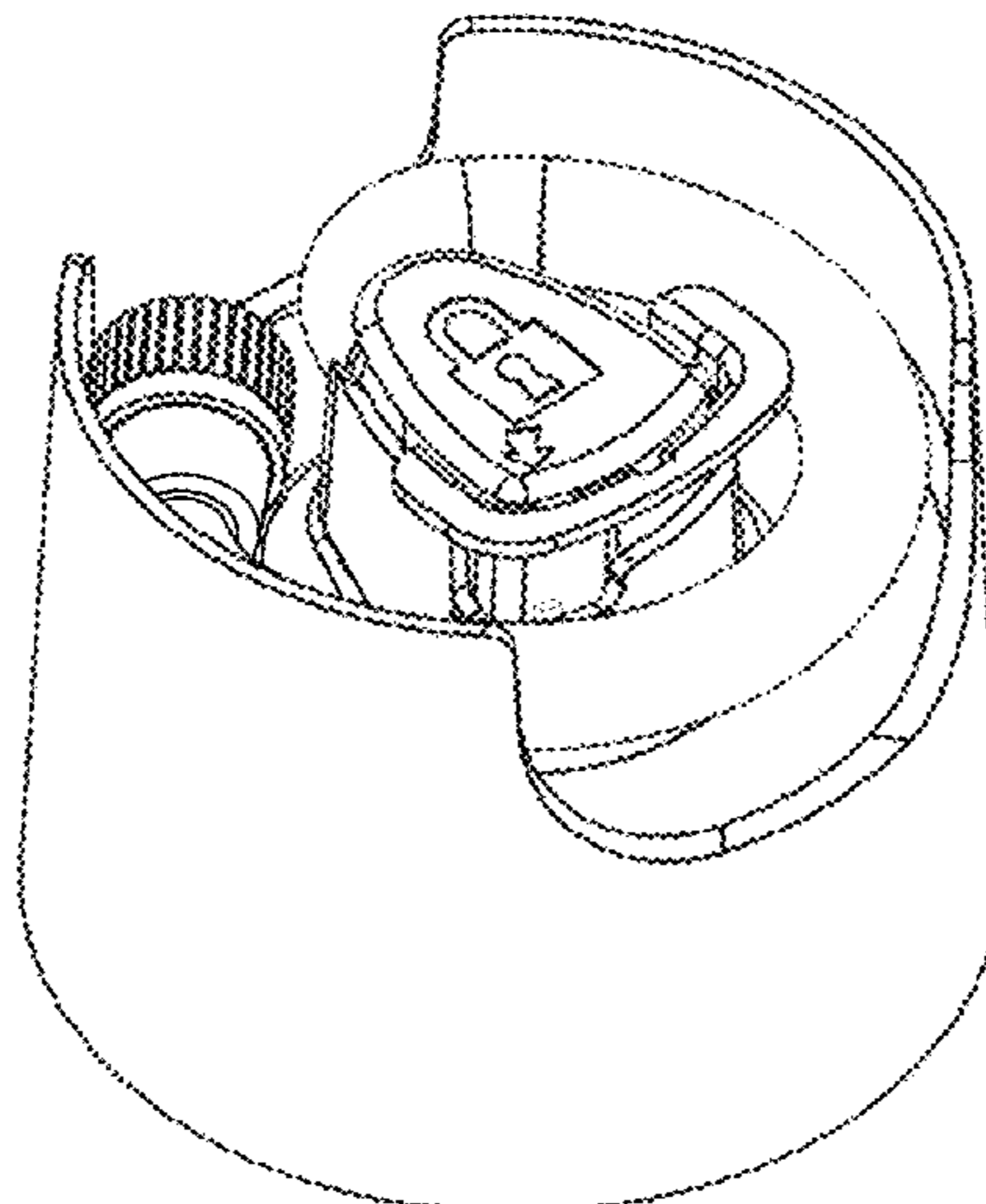
The broken lines depict portions of the aerosol dispensing  
cap that form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,260,416 A \* 7/1966 Abplanalp ..... B65D 83/205  
222/402.13  
3,851,803 A \* 12/1974 Grothoff ..... B65D 83/40  
222/182

**1 Claim, 7 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

5,649,645 A *	7/1997	Demarest .....	B65D 83/205	7,757,905 B2	7/2010	Strand et al.
			222/153.07	7,854,242 B2	12/2010	Stehle
5,765,601 A *	6/1998	Wells .....	B29C 73/163	8,087,552 B2	1/2012	Fazekas et al.
			137/223	8,100,298 B2	1/2012	Marquardt et al.
D407,018 S *	3/1999	Soller .....	D9/448	8,127,968 B2	3/2012	Yerby et al.
6,260,739 B1	7/2001	Hsiao		8,205,645 B2	6/2012	Dowel
6,382,469 B1	5/2002	Carter et al.		8,360,119 B2	1/2013	Huang et al.
D474,403 S *	5/2003	Fahy .....	D9/448	8,453,684 B2	6/2013	Lolli
D478,272 S *	8/2003	Carter .....	D9/688	8,517,227 B2	8/2013	Strand et al.
D478,274 S *	8/2003	Carter .....	D9/688	8,627,857 B2	1/2014	Chou
D483,262 S *	12/2003	Carter .....	D9/444	8,640,745 B2	2/2014	Ji
6,708,849 B1 *	3/2004	Carter .....	B65D 83/20	9,050,866 B2	6/2015	Hong
			222/153.1	9,193,229 B2	11/2015	Hong
D488,379 S *	4/2004	Healy .....	D9/448	9,227,600 B2	1/2016	Chen
6,938,651 B1 *	9/2005	Carter .....	B60H 1/00585	9,242,416 B1	1/2016	Ohm et al.
			141/383	9,457,367 B2	10/2016	Wang
6,994,275 B2 *	2/2006	Hsiao .....	B65D 83/303	9,492,976 B2	11/2016	Hong
			239/302	D784,131 S *	4/2017	Jacobs .....
7,028,720 B2	4/2006	Eckhardt		D833,277 S *	11/2018	Kuntzelman .....
7,487,891 B2	2/2009	Yerby et al.		10,150,266 B2 *	12/2018	Marini .....
D607,029 S *	12/2009	Stehle .....	D15/199	2003/0052195 A1 *	3/2003	Aberegg .....
D613,830 S *	4/2010	Mannoia .....	D23/266			B65D 83/203
7,694,698 B2	4/2010	Marini		2013/0075429 A1 *	3/2013	Houser .....
						B65D 83/206
						222/153.11
				2018/0037400 A1 *	2/2018	Kuntzelman .....
				2018/0229456 A1	8/2018	Costle et al.

\* cited by examiner

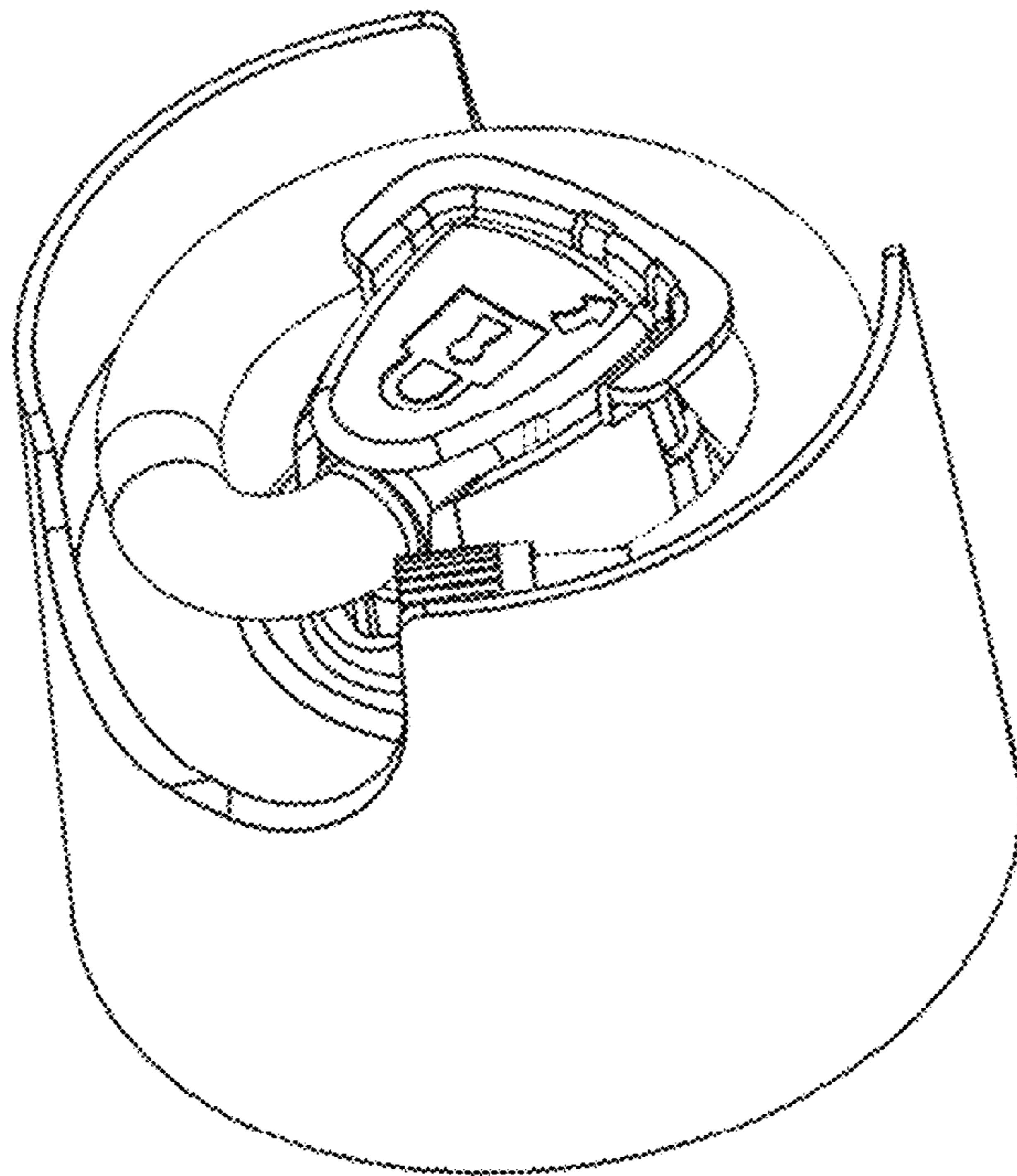


FIG. 1

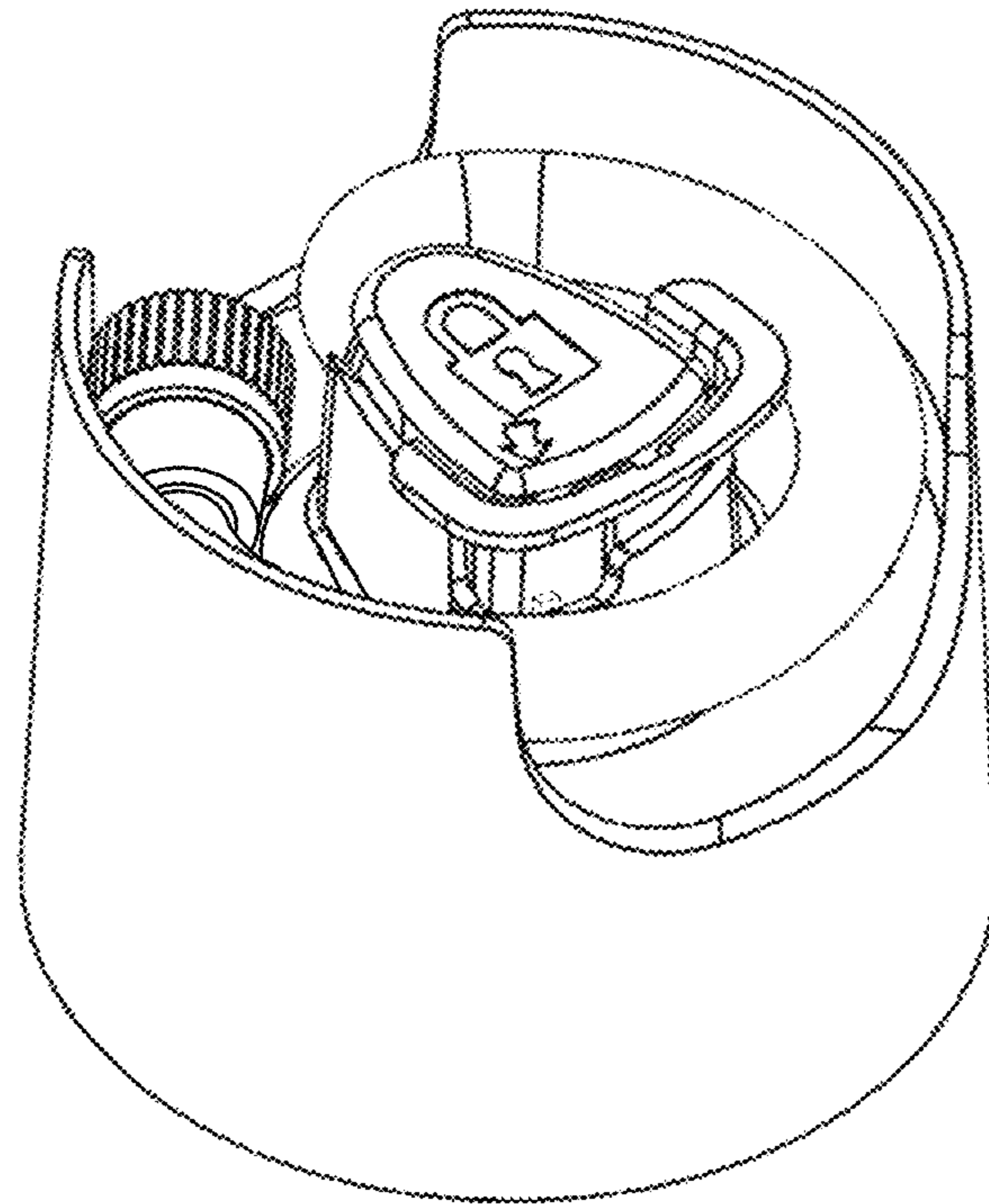


FIG. 2

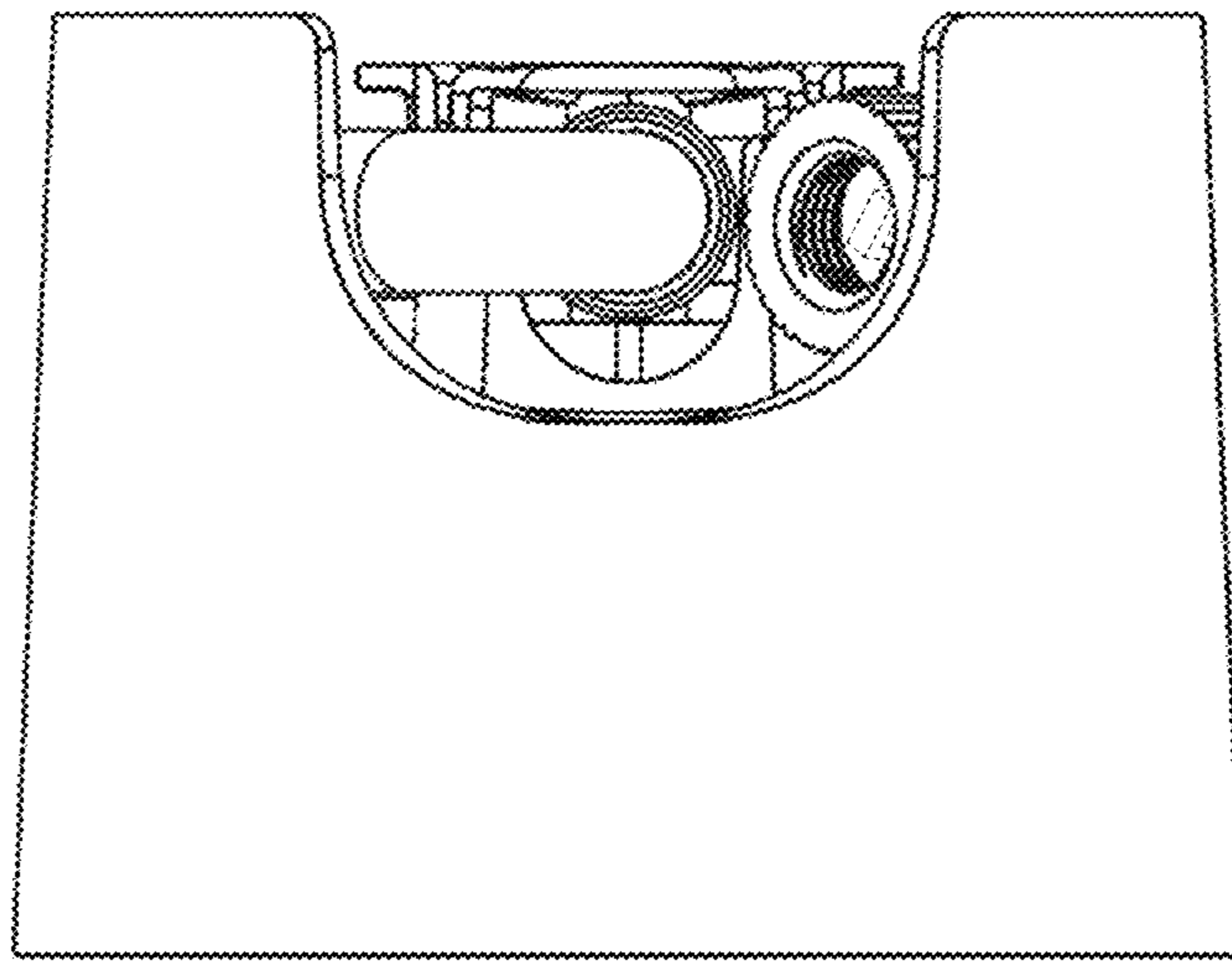


FIG. 3

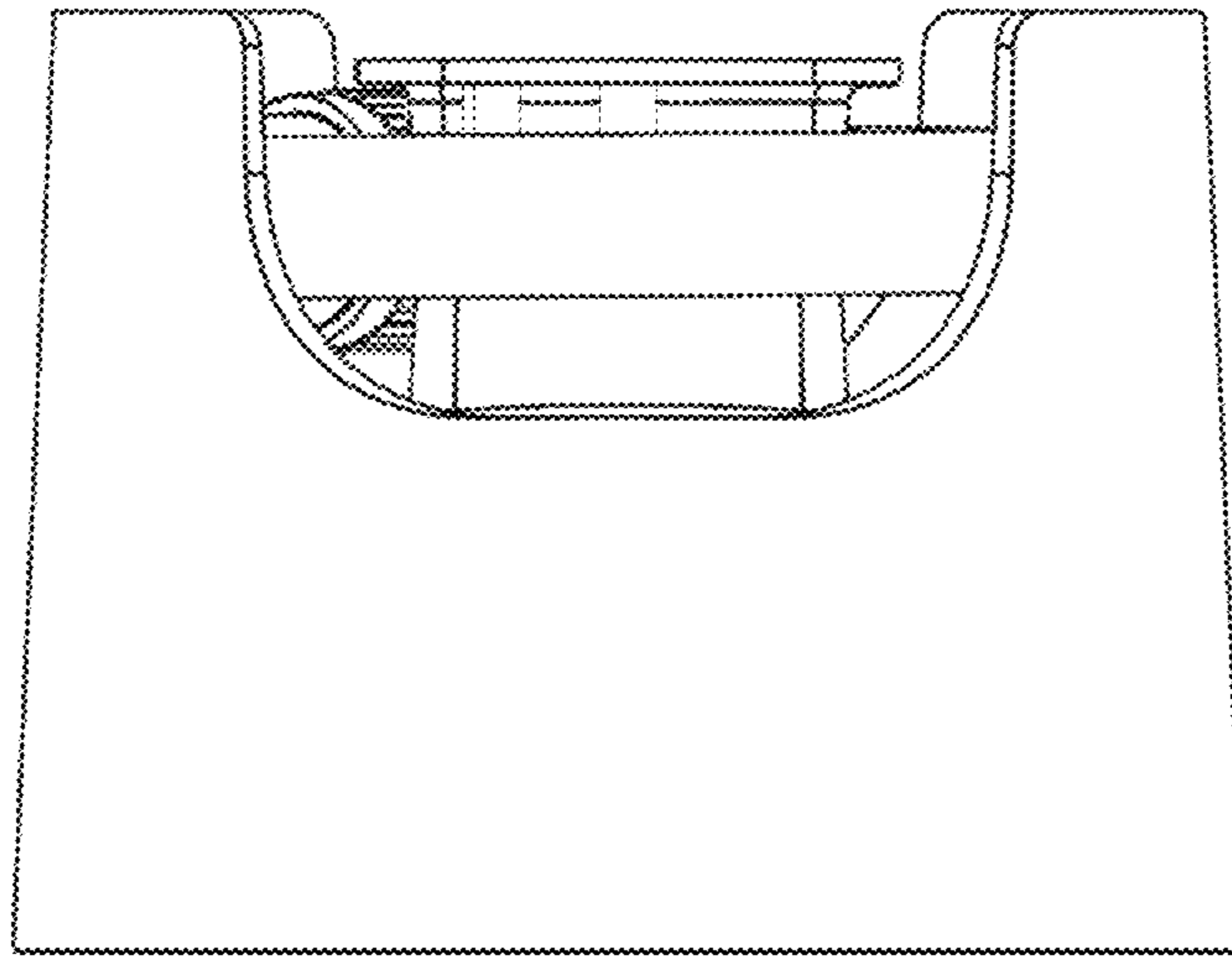


FIG. 4

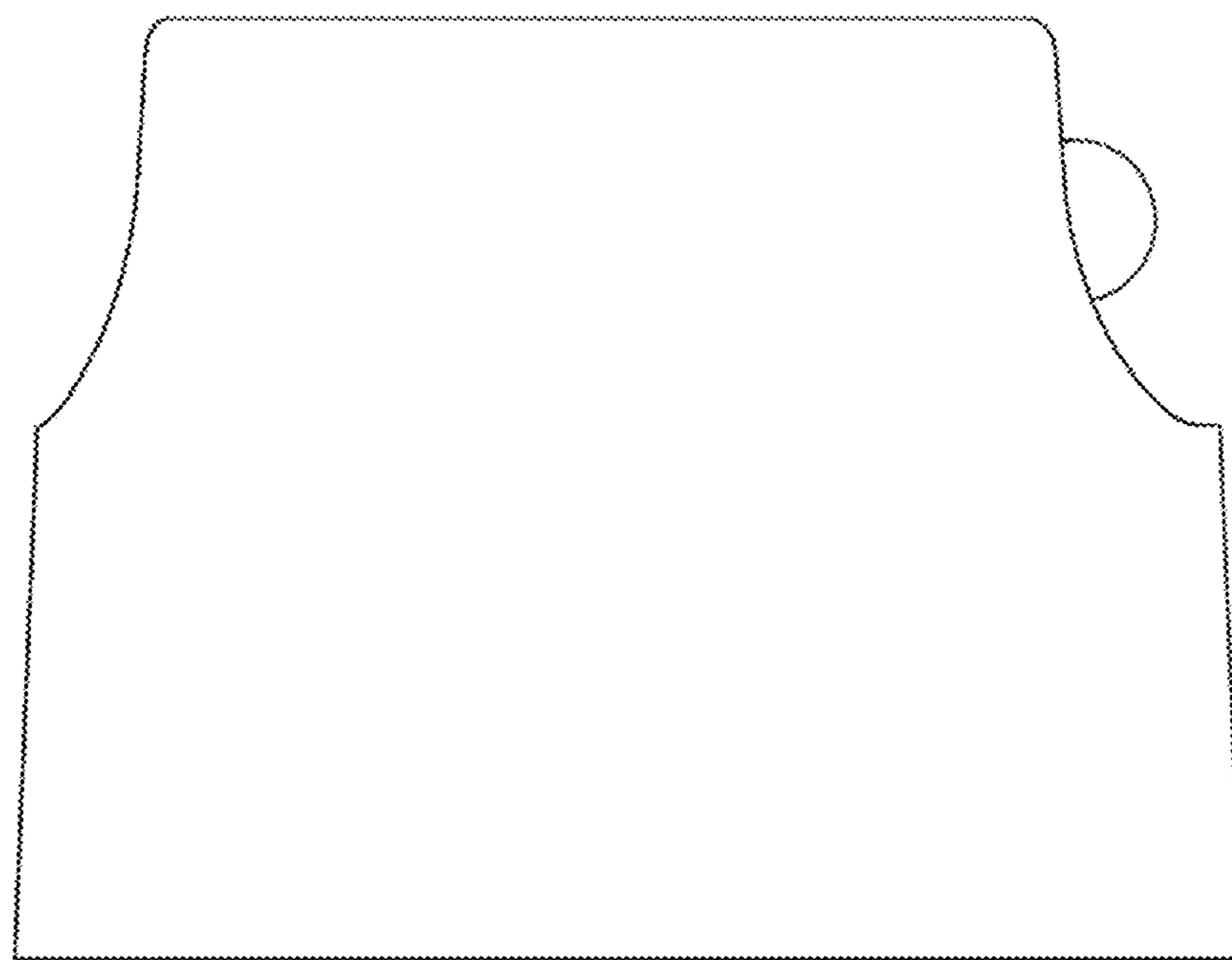


FIG. 5

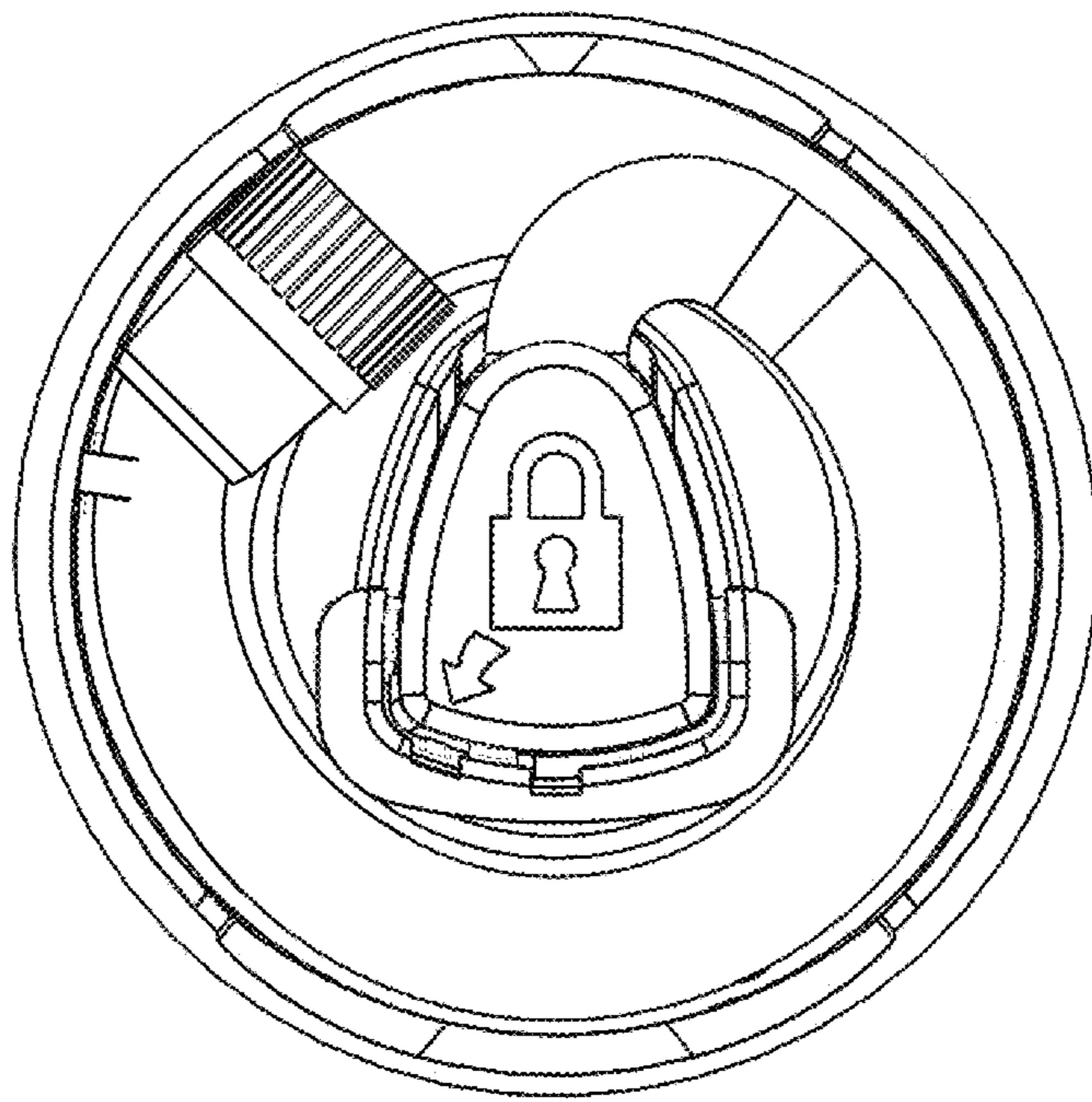


FIG. 6



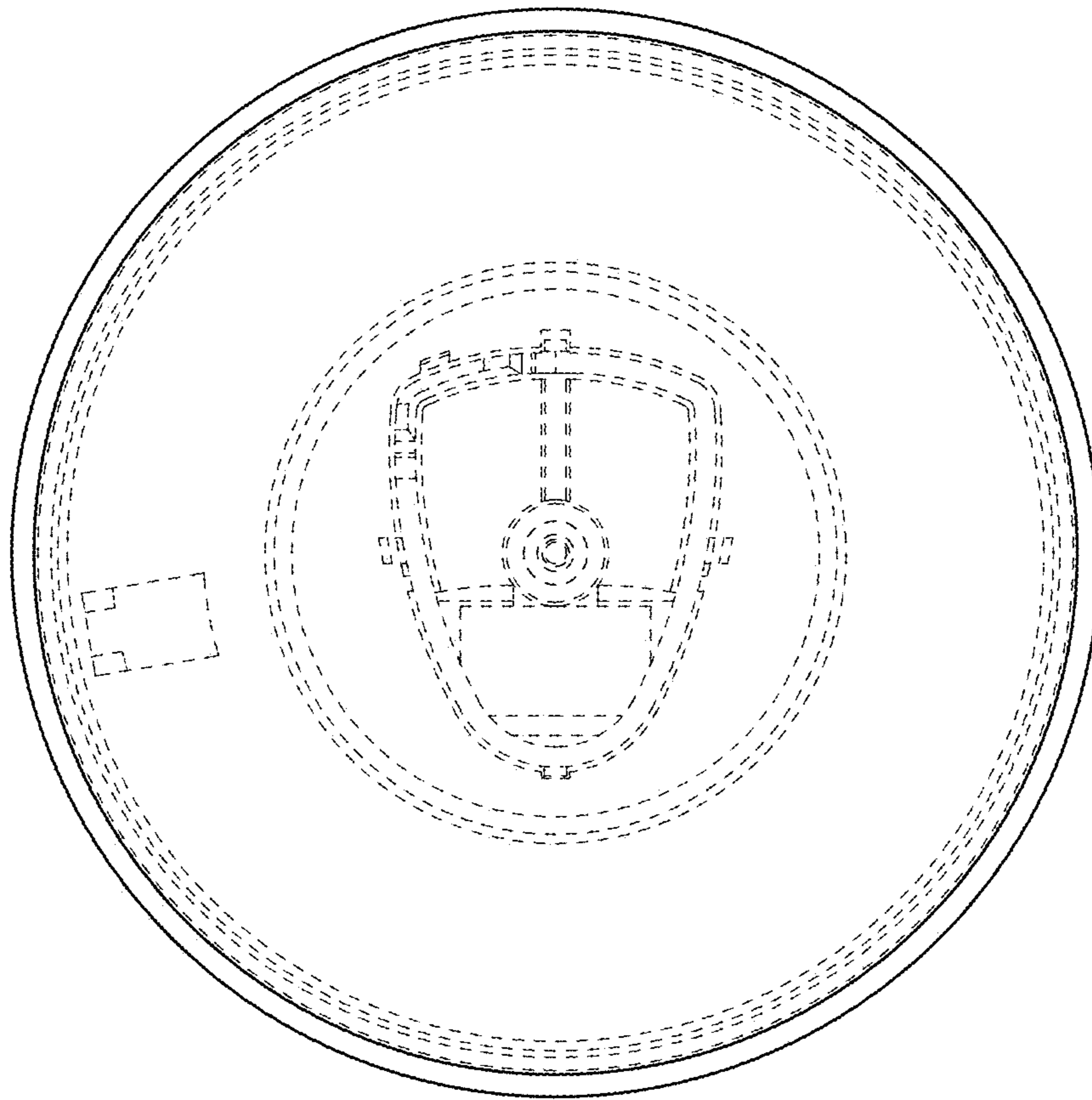


FIG. 7