



US00D896571S

(12) **United States Design Patent** (10) **Patent No.:** **US D896,571 S**  
**Bowles et al.** (45) **Date of Patent:** **\*\* Sep. 22, 2020**

(54) **SMART CAP FOR A LIQUID CONTAINER**

(71) Applicant: **Hyduro, Inc.**, La Jolla, CA (US)

(72) Inventors: **Miles Bowles**, La Jolla, CA (US); **John L. Thompson**, Cote de Cava, CA (US); **Michael Thilenius**, San Diego, CA (US); **Kristoffer Gaard**, San Diego, CA (US); **Thomas H. Lupfer**, San Diego, CA (US); **Mark Bowles**, La Jolla, CA (US)

(73) Assignee: **Hyduro, Inc.**, La Jolla, CA (US)

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

(21) Appl. No.: **29/658,149**

(22) Filed: **Jul. 28, 2018**

(51) **LOC (12) Cl.** ..... **07-99**

(52) **U.S. Cl.**

USPC ..... **D7/392.1**; D9/436; D9/447

(58) **Field of Classification Search**

USPC ..... D9/428, 429, 432, 434, 435, 436, 439, D9/440, 443, 444, 445, 447, 449-455, D9/499, 500, 503, 504, 705, 448, 682, D9/685; D7/317, 387, 391, 392, 392.1, D7/393, 396.1, 396.2, 509-511, 538, 900; D3/202, 203.2, 294, 302, 318; D28/91; D23/226

CPC .. A61J 1/00; A61J 1/1412; B65D 1/00; B65D 1/02; B65D 1/10; B65D 1/46; B65D 2585/56; B65D 2585/545; B65D 41/00; B65D 41/38; B65D 41/56; B65D 41/62; B65D 47/00; B65D 47/06; B65D 47/08; B65D 2543/00046; B65D 2543/00092; B65D 2543/00296; B65D 5/46; B65D 2251/00

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,199,750 A \* 8/1965 Livingstone ..... B65D 41/18  
215/43  
D248,545 S \* 7/1978 Summers ..... D9/439

D272,323 S \* 1/1984 Bainton ..... D9/438  
D275,655 S \* 9/1984 Bainton ..... D9/438  
D276,118 S \* 10/1984 Conti ..... D7/392.1  
D381,864 S \* 8/1997 Feer ..... D7/391  
D417,583 S \* 12/1999 Demore ..... D7/392  
D515,865 S \* 2/2006 Kim ..... D7/392.1

(Continued)

**OTHER PUBLICATIONS**

Mashable “Gatorade’s smart cap takes rehydration to the next level” (online) posted by Sarah Spigelman Richter on Mar. 17, 2016. Retrieved from Internet on Apr. 29, 2019, URL: <https://mashable.com/2016/03/17/gatorade-smart-cap/> (3 pages).\*

*Primary Examiner* — Michael A. Pratt  
*Assistant Examiner* — Wendy L Armino

(74) *Attorney, Agent, or Firm* — Clause Eight IPS; Michael Catania

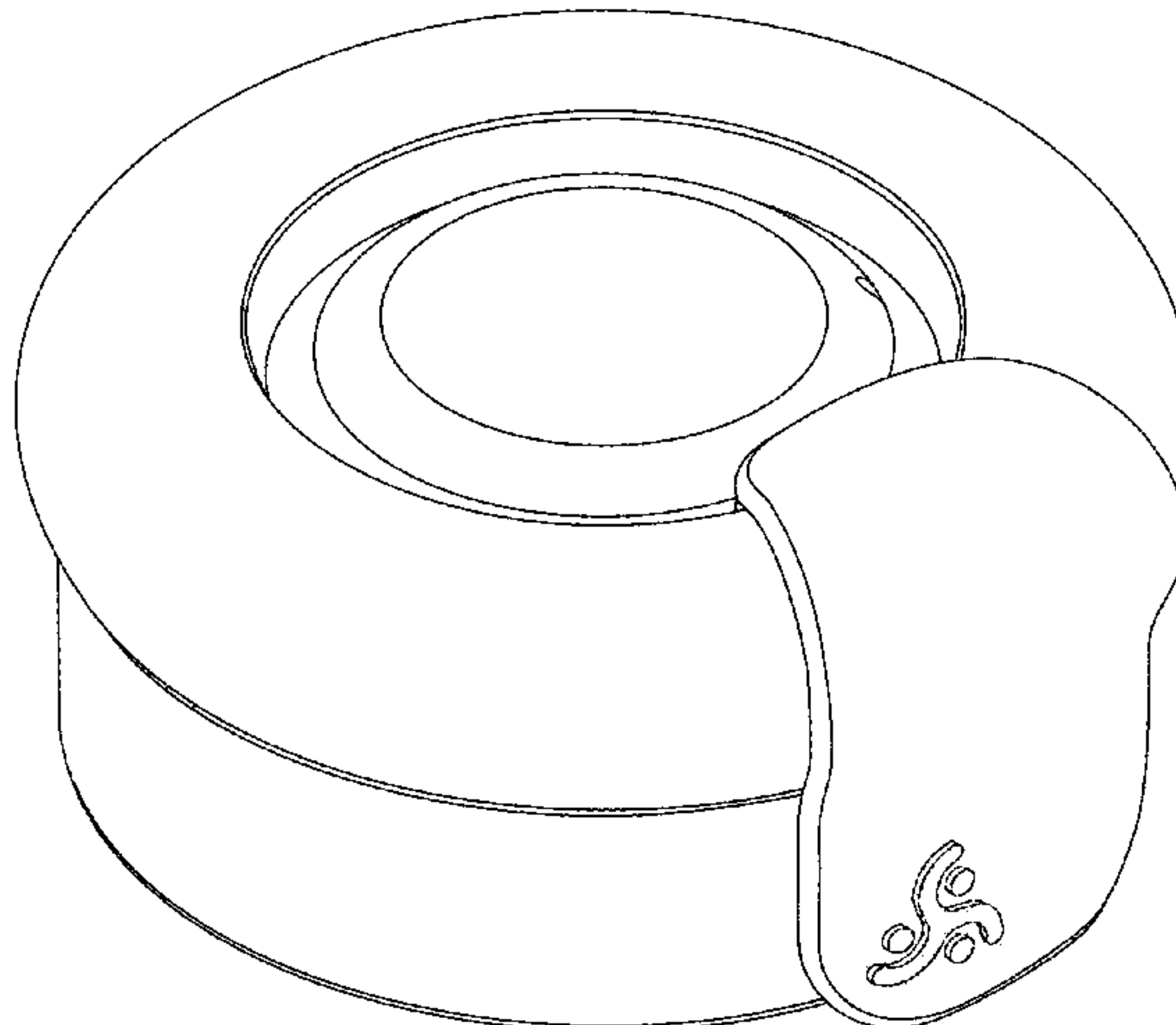
(57) **CLAIM**

The ornamental design for a smart cap for a liquid container, as shown and described.

**DESCRIPTION**

FIG. 1 is a top front perspective view of a smart cap for a liquid container;  
FIG. 2 is a top rear perspective view thereof;  
FIG. 3 is a bottom perspective view thereof;  
FIG. 4 is a bottom plan view thereof;  
FIG. 5 is a front elevation view thereof;  
FIG. 6 is side elevation view thereof;  
FIG. 7 is an opposing side elevation view thereof;  
FIG. 8 is a rear elevation view thereof;  
FIG. 9 is a top plan view thereof; and,  
FIG. 10 is an exploded view thereof.  
The broken lines depict portions of the smart cap for a liquid container that form no part of the claimed design.

**1 Claim, 10 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D563,220	S	*	3/2008	Krivoshein	.....	D9/439
D567,656	S	*	4/2008	Neias	.....	D9/439
D596,455	S	*	7/2009	Laib	.....	D7/392.1
D630,044	S	*	1/2011	Lane	.....	D7/392.1
D632,521	S	*	2/2011	Wahl	.....	D7/392.1
D668,153	S	*	10/2012	Mavin	.....	D9/443
D720,305	S	*	12/2014	Wenji	.....	D13/174
D757,541	S	*	5/2016	Wu	.....	D9/439
D767,391	S	*	9/2016	Buck	.....	D9/447
D779,325	S	*	2/2017	Vigoureux	.....	D7/601
D794,448	S	*	8/2017	Mataya	.....	D9/436
9,918,905	B1	*	3/2018	Howard	.....	A61J 1/03
D817,765	S	*	5/2018	Kim	.....	D9/503
D831,483	S	*	10/2018	Tseng	.....	D9/447
D840,811	S	*	2/2019	Holmes	.....	D9/443
D844,101	S	*	3/2019	Zheng	.....	D23/207
D845,767	S	*	4/2019	Holmes	.....	D9/454
2016/0048657	A1	*	2/2016	LeBrun	.....	G06F 19/3462 705/2

\* cited by examiner

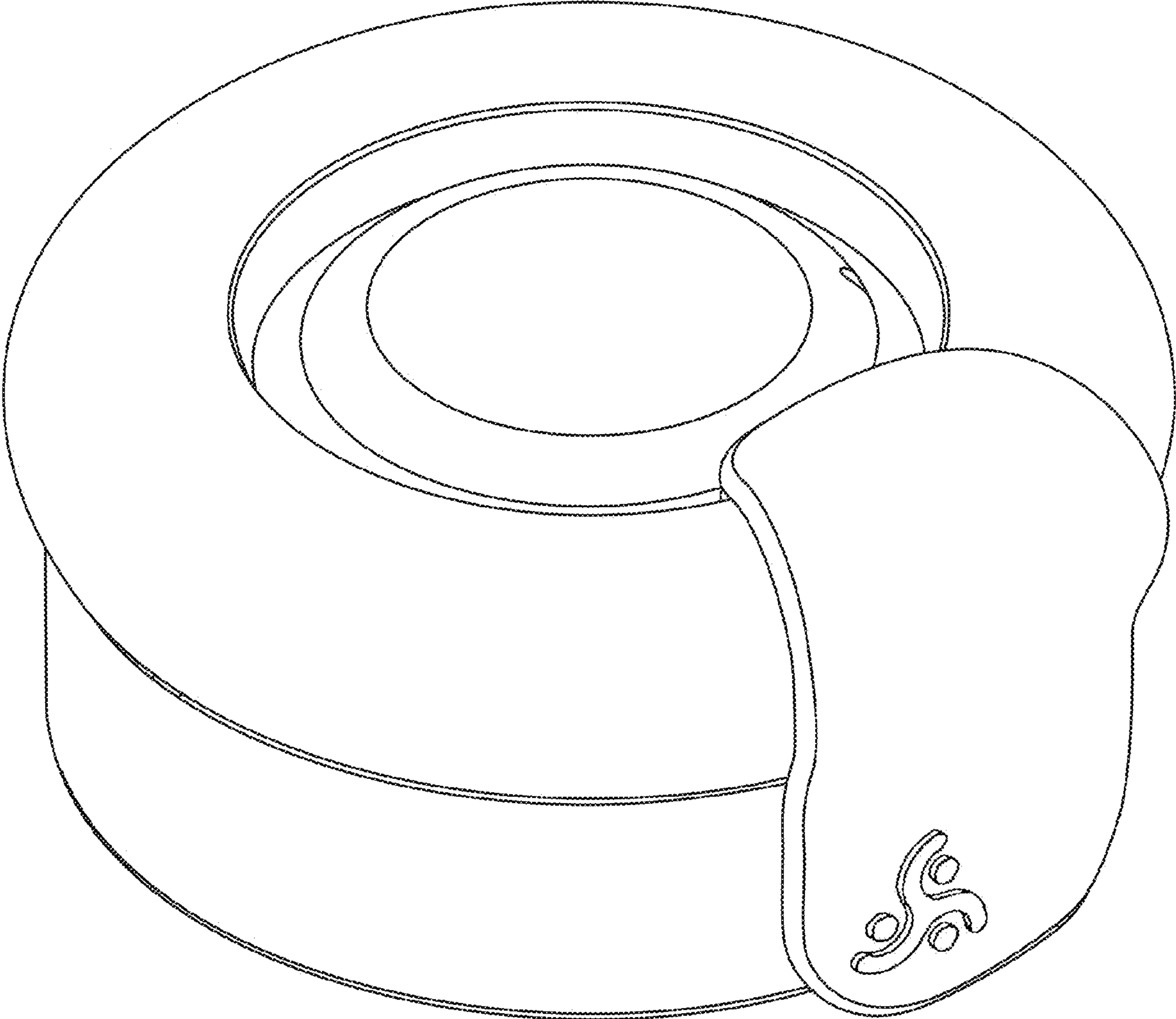


FIG. 1

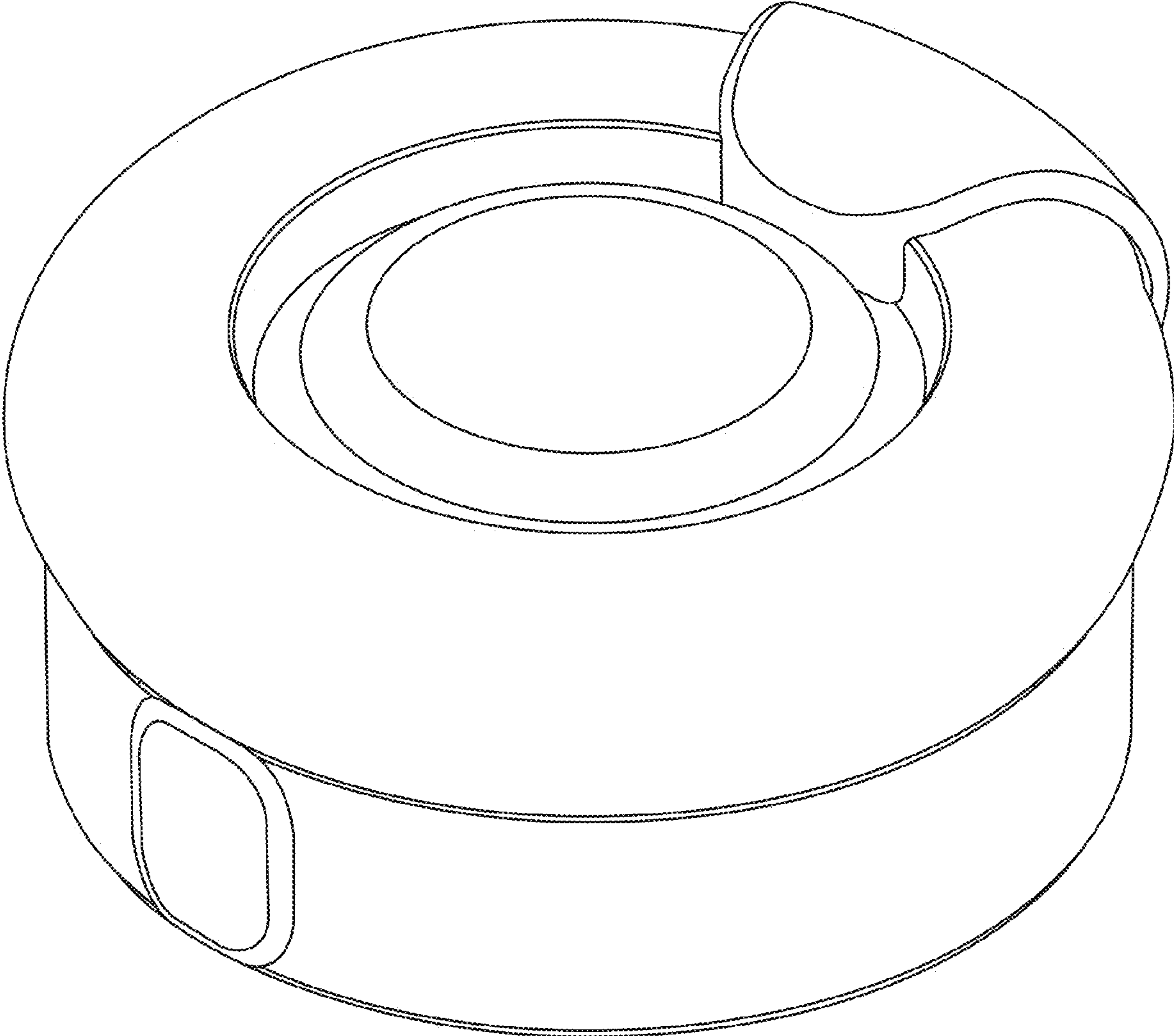


FIG. 2



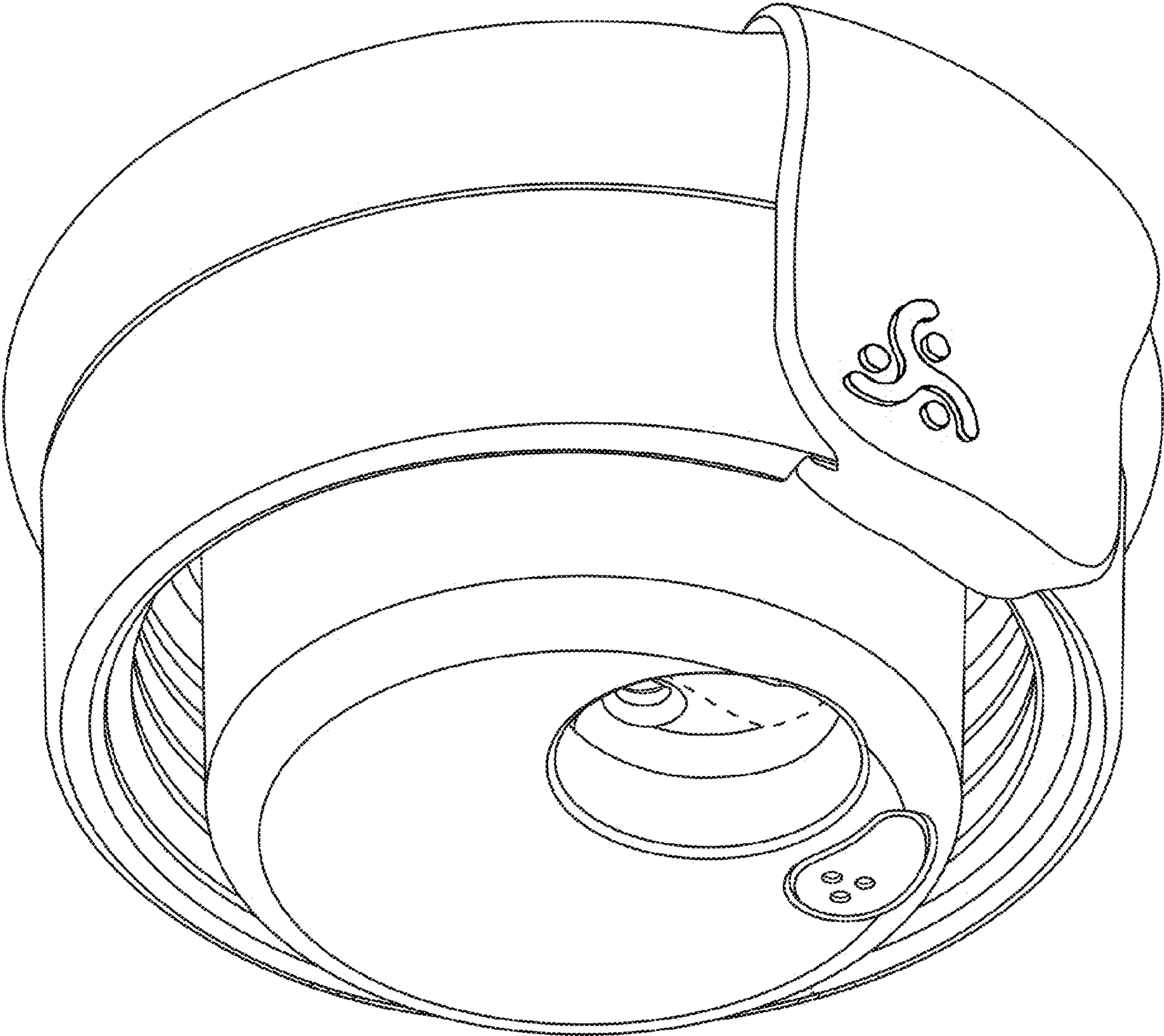


FIG. 3

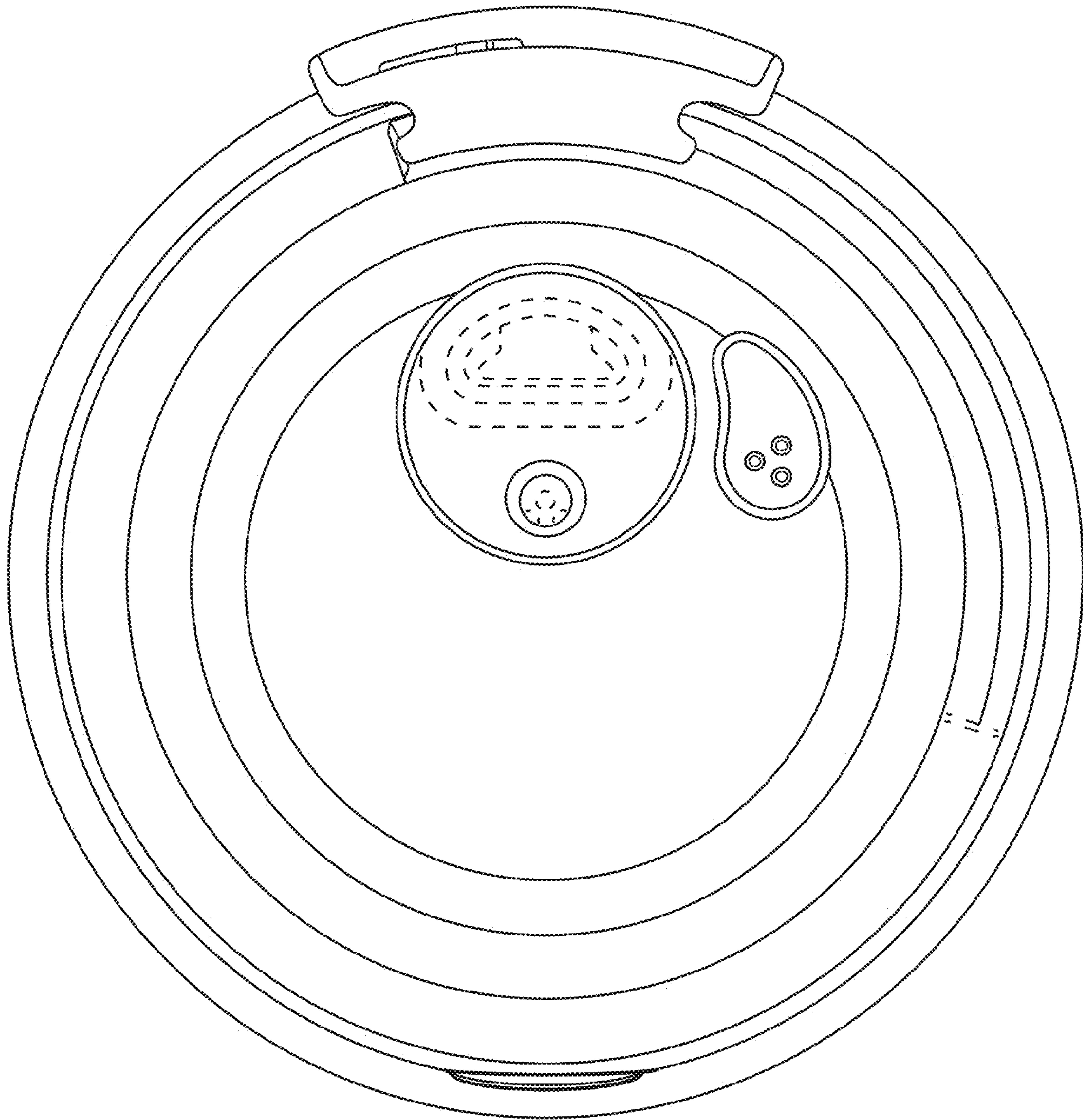


FIG. 4

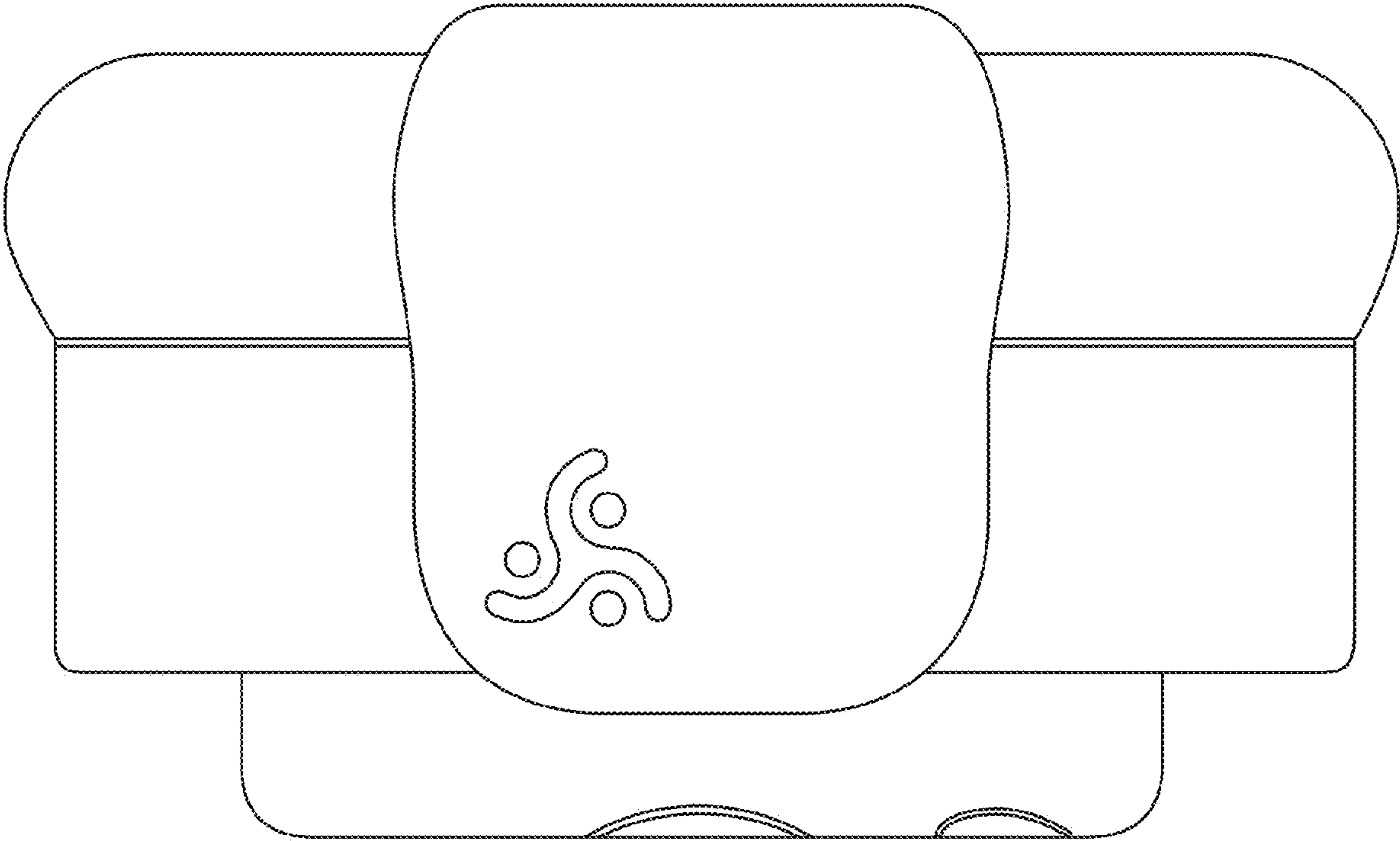


FIG. 5

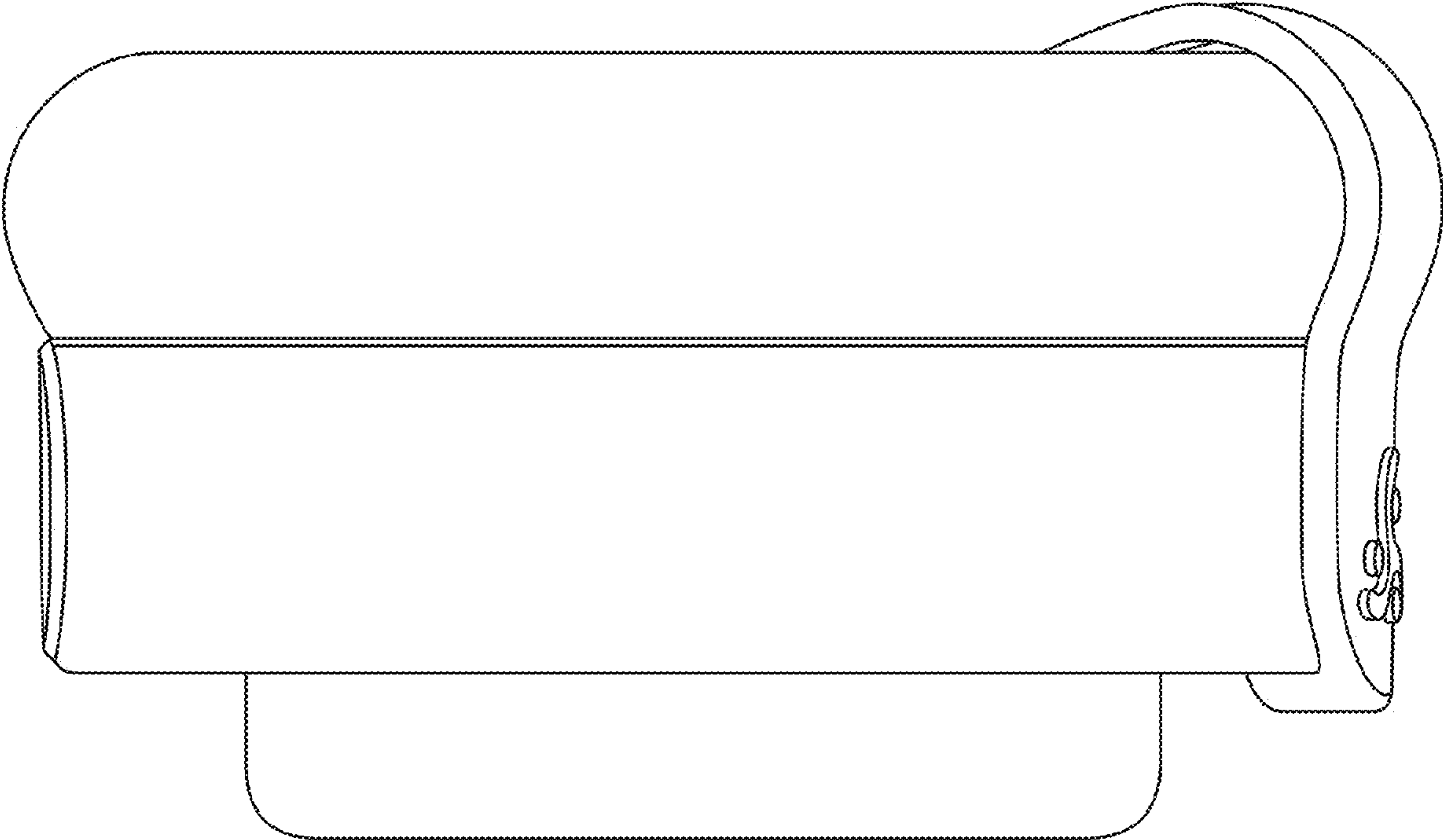


FIG. 6



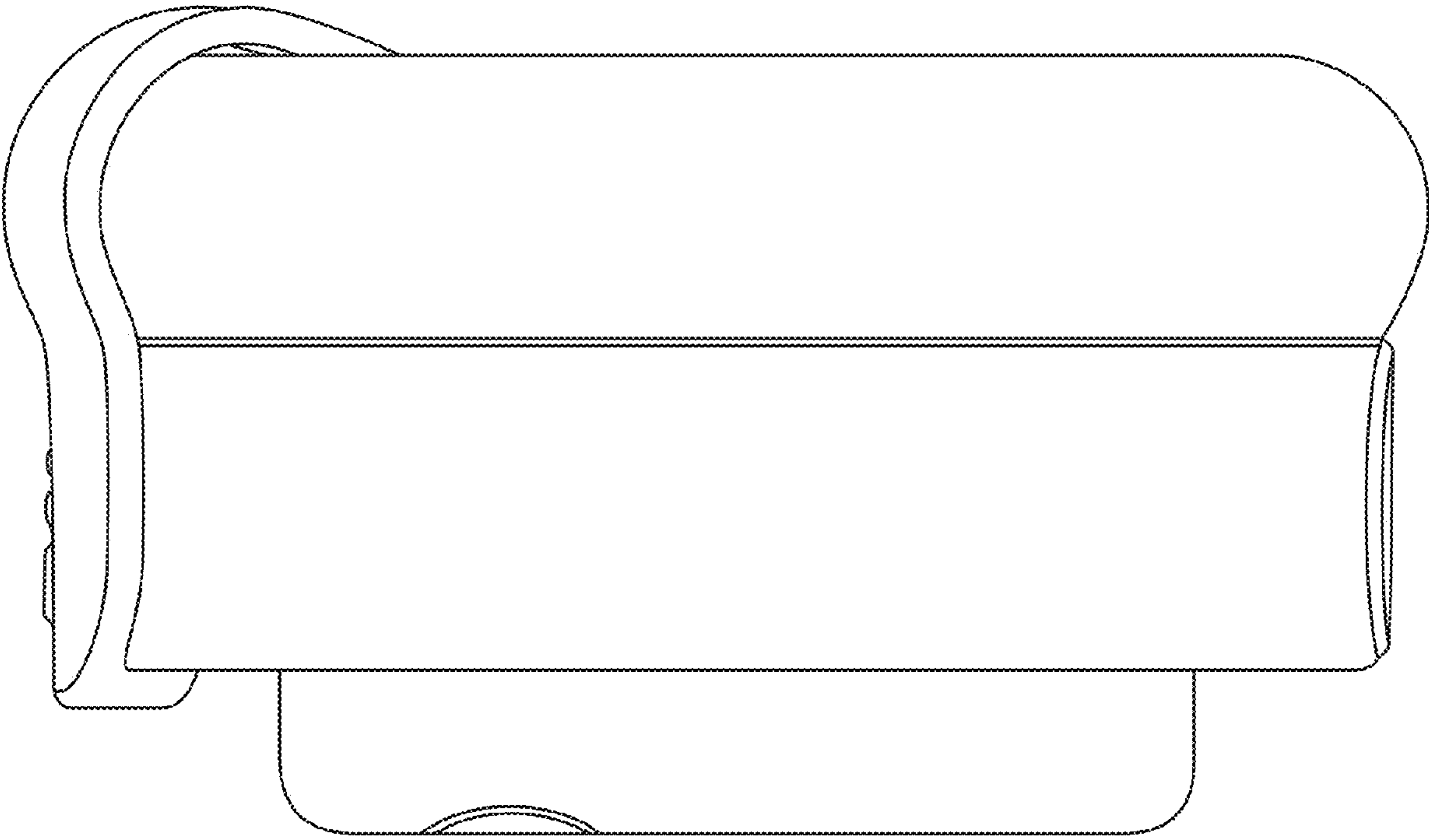


FIG. 7

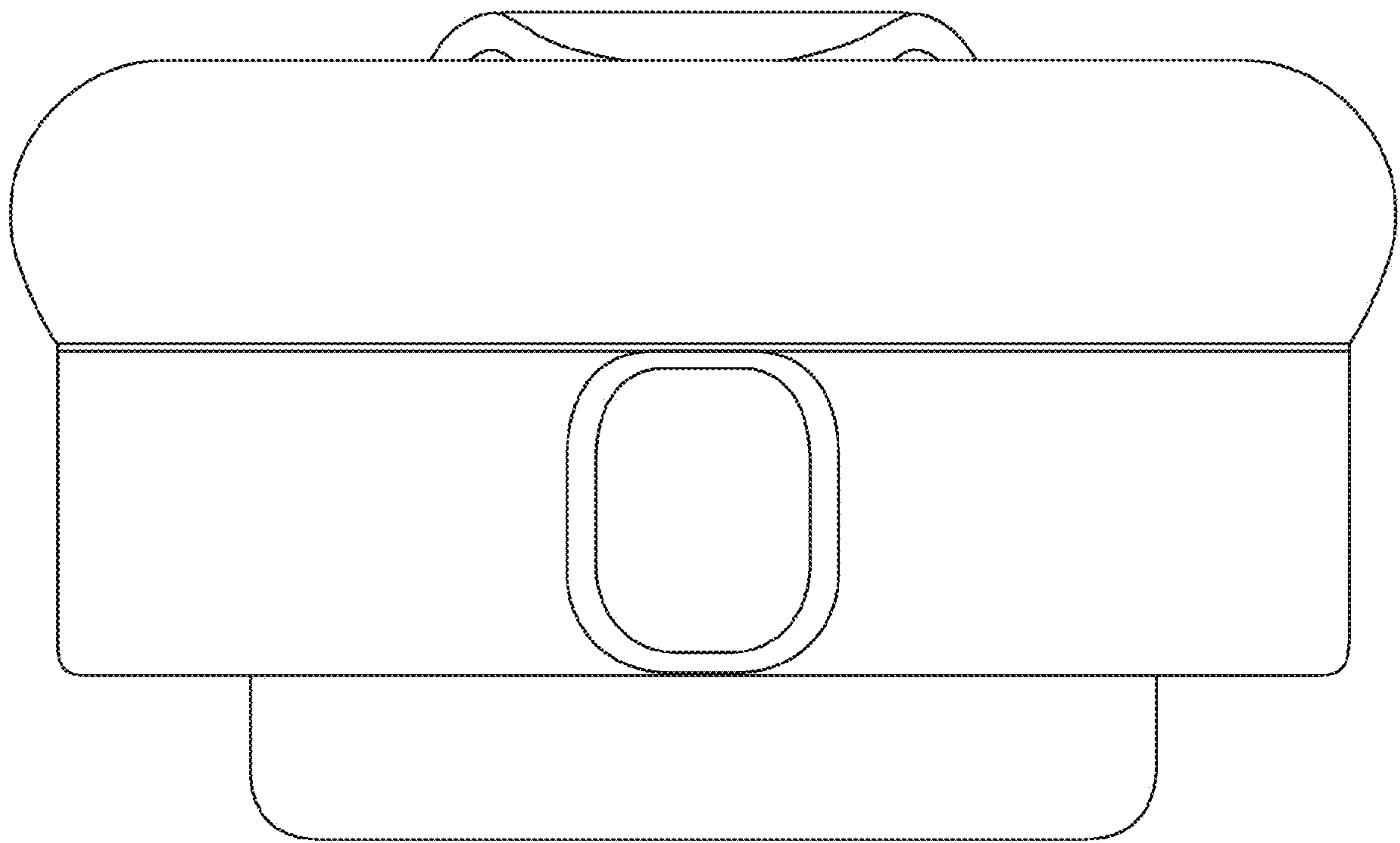


FIG. 8

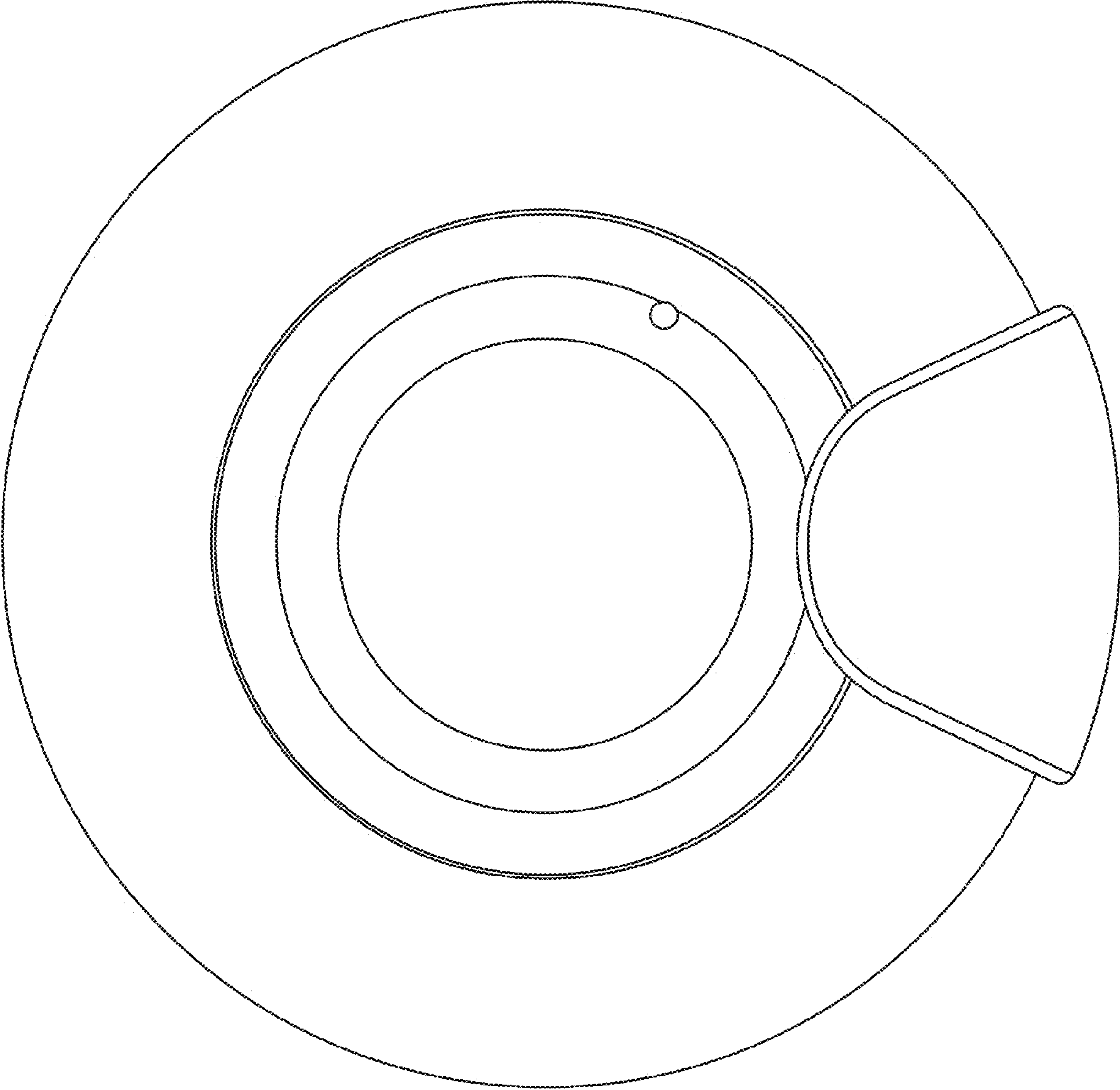


FIG. 9

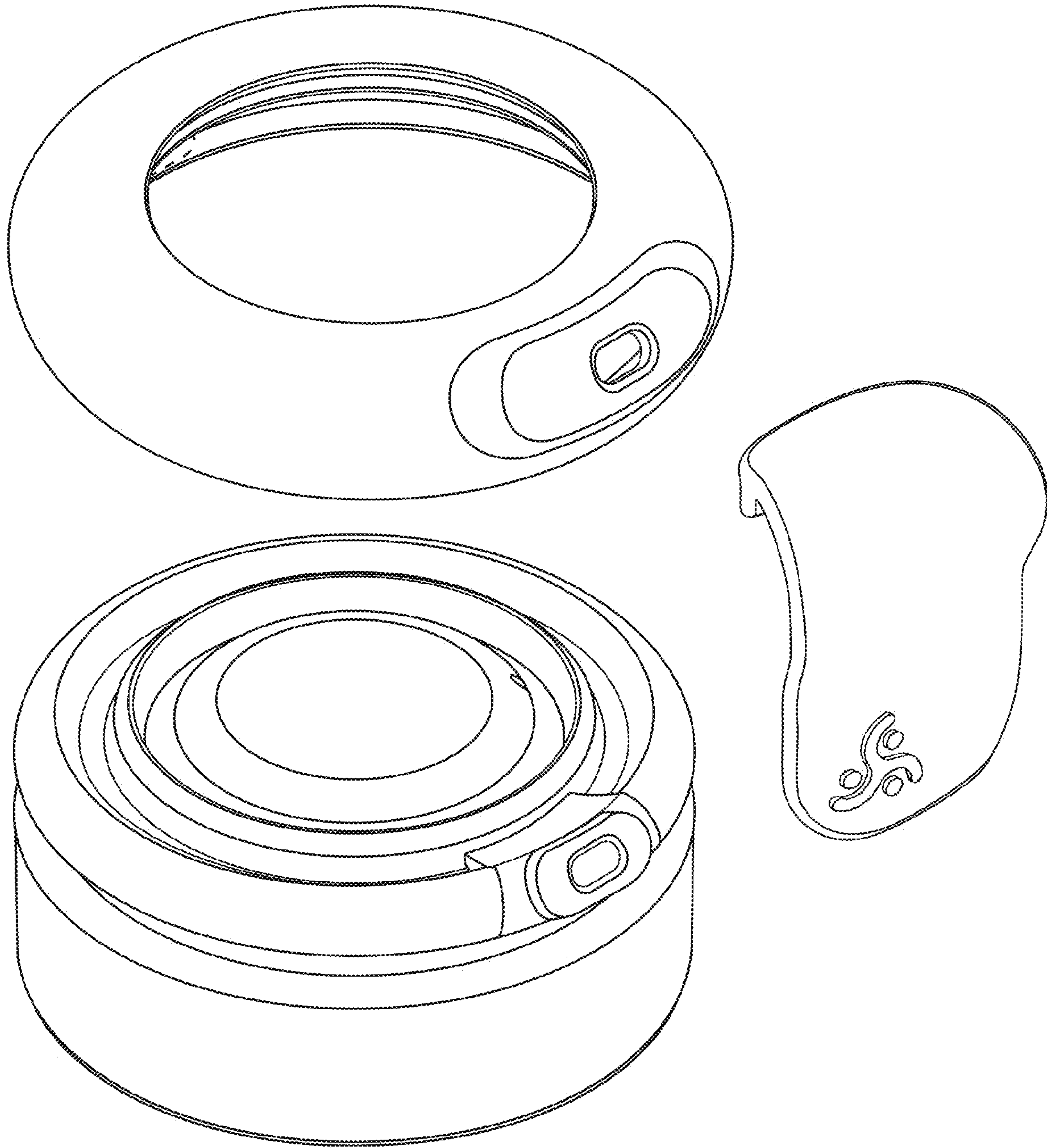


FIG. 10