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(12) **United States Design Patent** (10) **Patent No.:** **US D887,549 S**
Abdul-Hafiz et al. (45) **Date of Patent:** **** Jun. 16, 2020**

(54) **CAP FOR A FLOW ALARM DEVICE**

(71) Applicant: **MASIMO CORPORATION**, Irvine, CA (US)

(72) Inventors: **Yassir Kamel Abdul-Hafiz**, Irvine, CA (US); **Virginia Thanh Ta**, Santa Ana, CA (US); **Chad A. DeJong**, Los Angeles, CA (US)

6,386,196 B1 5/2002 Culton
 6,679,432 B1 1/2004 Arnold
 7,298,280 B2 11/2007 Voege
 D594,113 S * 6/2009 Reid D24/110.1
 7,730,847 B1 6/2010 Redd et al.
 7,896,401 B2 3/2011 Richards et al.
 8,435,203 B2 * 5/2013 Viola A61B 17/0643
 604/164.01
 D692,143 S * 10/2013 Shahidi Bonjar D24/112
 8,707,950 B1 4/2014 Rubin
 (Continued)

(73) Assignee: **Masimo Corporation**, Irvine, CA (US)

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

FOREIGN PATENT DOCUMENTS

CN 204193342 U 3/2015
 WO WO 2007/132206 A1 11/2007
 (Continued)

(21) Appl. No.: **29/662,935**

(22) Filed: **Sep. 10, 2018**

(51) **LOC (12) Cl.** **24-02**

(52) **U.S. Cl.**
 USPC **D24/129**

(58) **Field of Classification Search**
 USPC D24/127-131, 112-114, 133, 186;
 606/181, 185; 604/264, 523-528, 272,
 604/187, 158, 164.01-164.11, 181, 184,
 604/227; 600/101, 139, 143;
 128/200.24, 207.14, 207.15
 CPC .. G08B 21/02; G01F 15/185; A61M 16/0051;
 A61M 2205/183; A61M 2205/186
 See application file for complete search history.

Primary Examiner — Nathan M Johnston
 (74) *Attorney, Agent, or Firm* — Knobbe, Martens, Olson & Bear, LLP

(57) **CLAIM**

The ornamental design for a cap for a flow alarm device, as shown and described.

DESCRIPTION

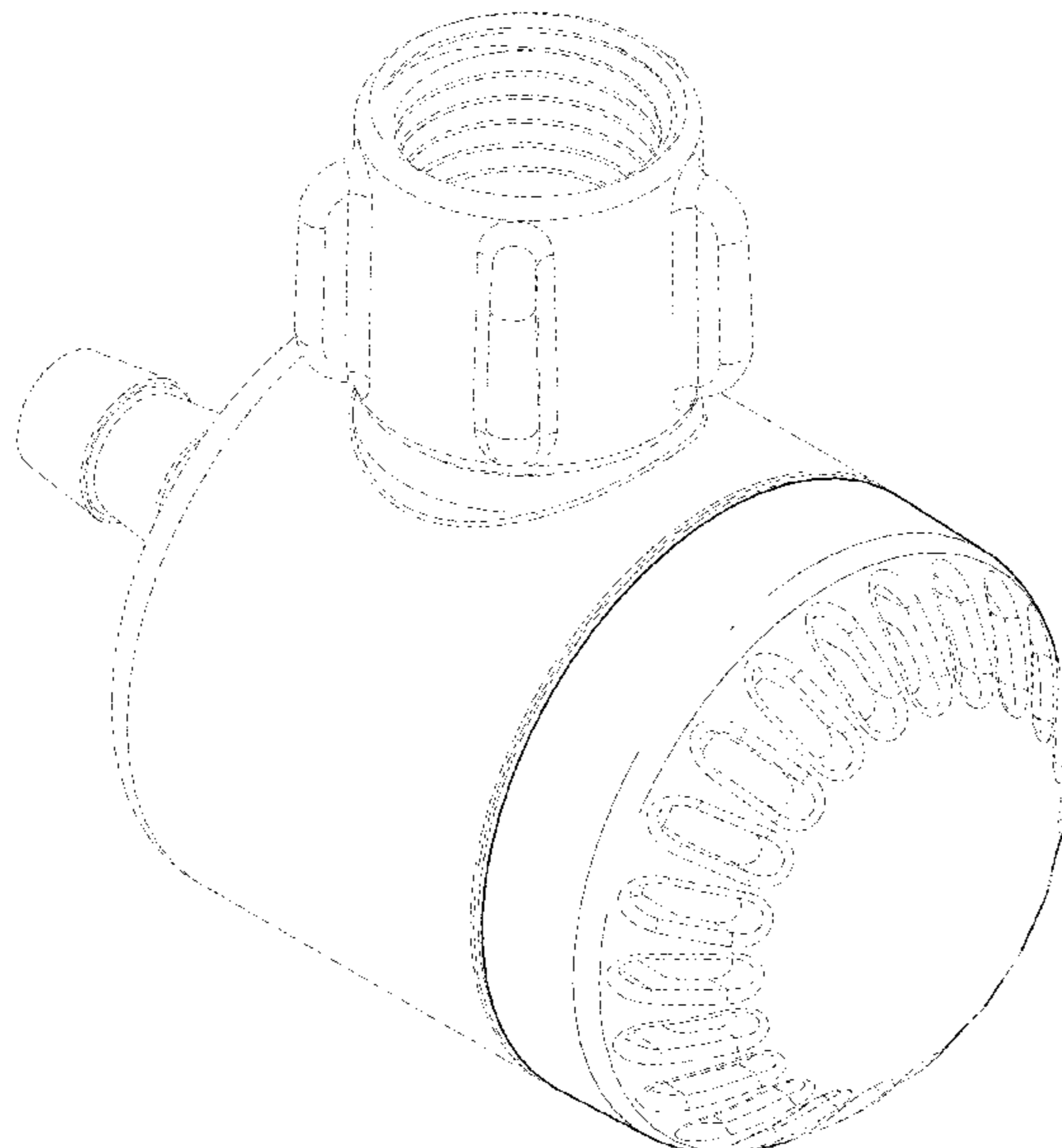
FIG. 1 is a perspective view of a cap for a flow alarm device embodying our new design;
 FIG. 2 is a front view thereof;
 FIG. 3 is a side view thereof;
 FIG. 4 is another side view thereof;
 FIG. 5 is a top view thereof;
 FIG. 6 is a bottom view thereof; and,
 FIG. 7 is another perspective view thereof.
 The dashed lines immediately adjacent to the shaded areas in the figures represent the boundaries of the claimed design. The dashed lines in the figures illustrate the portions of the design that form no part of the claimed design. None of the broken lines form any part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,297,255 A 1/1967 Fortman
 3,595,228 A 7/1971 Simon et al.
 4,067,329 A 1/1978 Winicki
 4,316,182 A 2/1982 Hodgson
 4,669,415 A 6/1987 Boord
 D361,380 S * 8/1995 Linner D24/112
 5,626,129 A 5/1997 Klimm et al.
 5,836,302 A 11/1998 Homuth et al.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D720,596	S *	1/2015	Dams	.....	D8/312
D735,316	S *	7/2015	Steelman	.....	D24/110
D738,491	S *	9/2015	Foley	.....	D24/121
9,186,528	B2	11/2015	Patil et al.		
D777,941	S *	1/2017	Piramoon	.....	D24/224
9,773,393	B2	9/2017	Velez		
D816,836	S *	5/2018	Mueller	.....	D24/133
D818,853	S *	5/2018	Golnik	.....	D10/70
D819,827	S *	6/2018	Piramoon	.....	D24/224
D858,756	S *	9/2019	Katagiri	.....	D24/130
2003/0189492	A1	10/2003	Harvie		
2007/0017515	A1	1/2007	Wallace et al.		
2008/0053441	A1	3/2008	Gottlbi et al.		
2010/0020529	A1	1/2010	Brooks et al.		
2011/0248856	A1	10/2011	Obenchain		
2012/0245535	A1 *	9/2012	Jacobsson	.....	A61F 5/445 604/264
2013/0068221	A1	3/2013	Mian et al.		
2015/0170630	A1	6/2015	Dawson		
2017/0345272	A1	11/2017	Velez		

FOREIGN PATENT DOCUMENTS

WO	WO 2013/054963	A1	4/2013
WO	WO 2013/128221	A1	9/2013
WO	WO 2014/026221	A1	2/2014
WO	WO 2017/062454	A2	4/2017

* cited by examiner

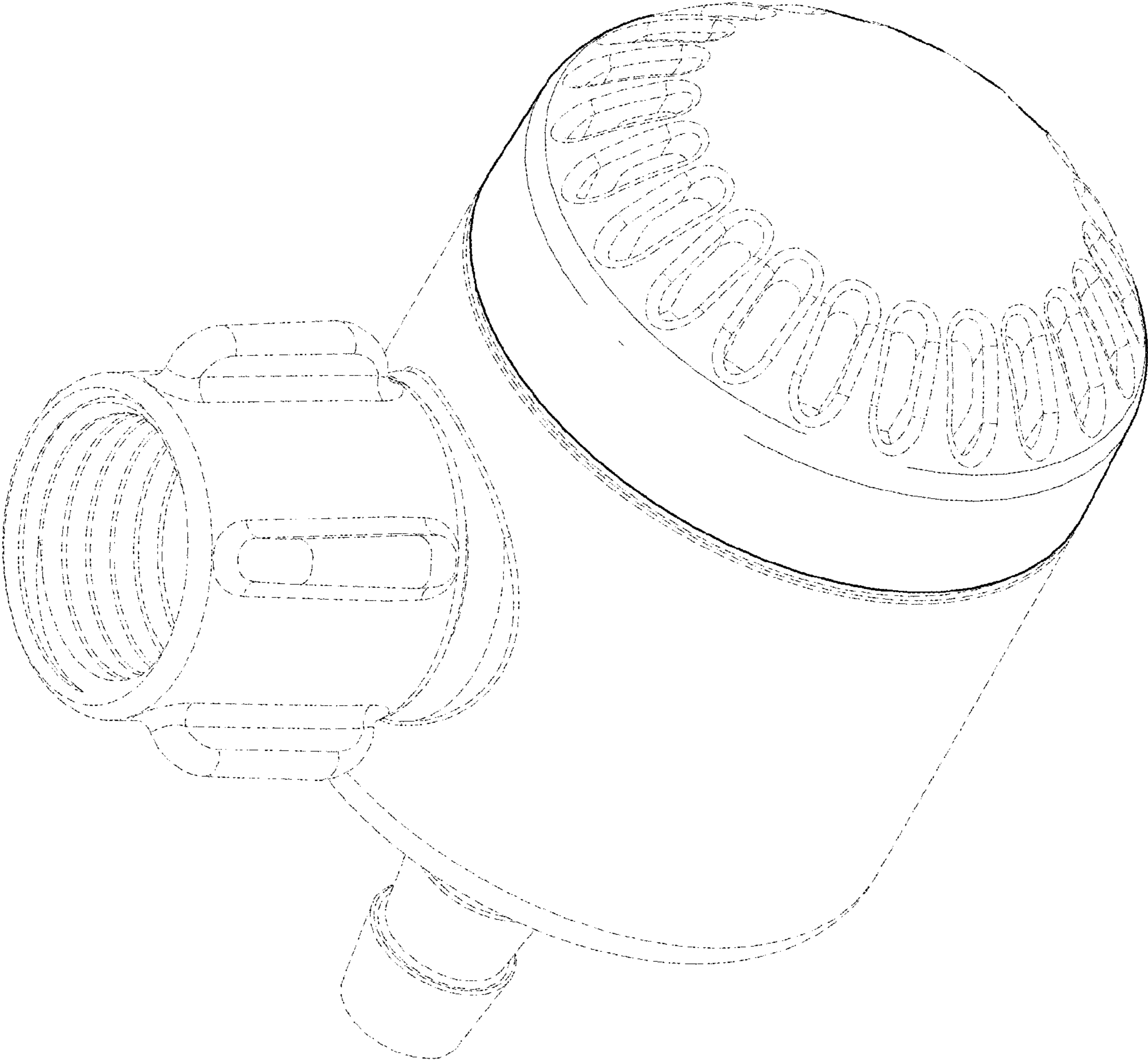


FIG. 1

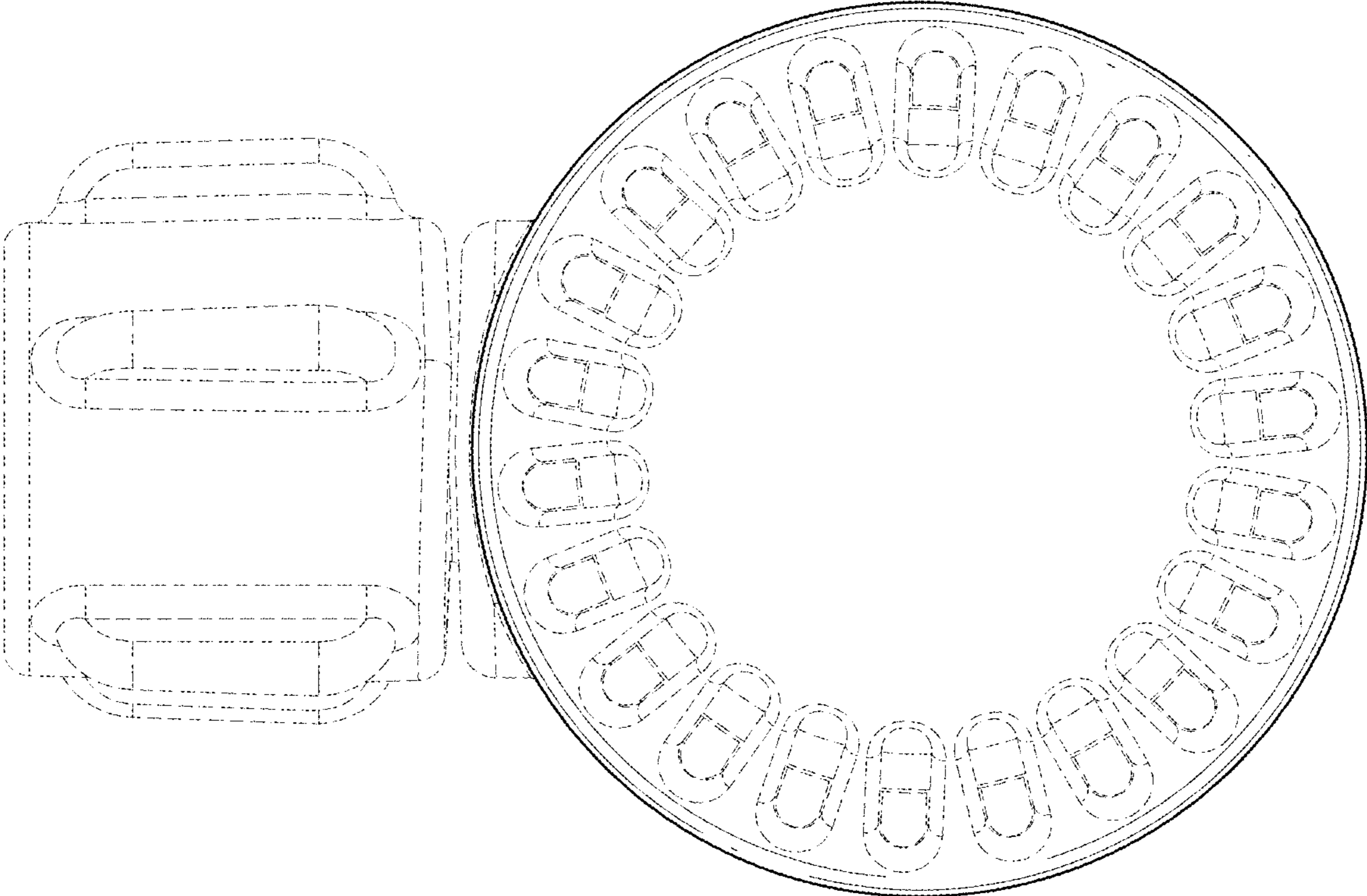


FIG. 2

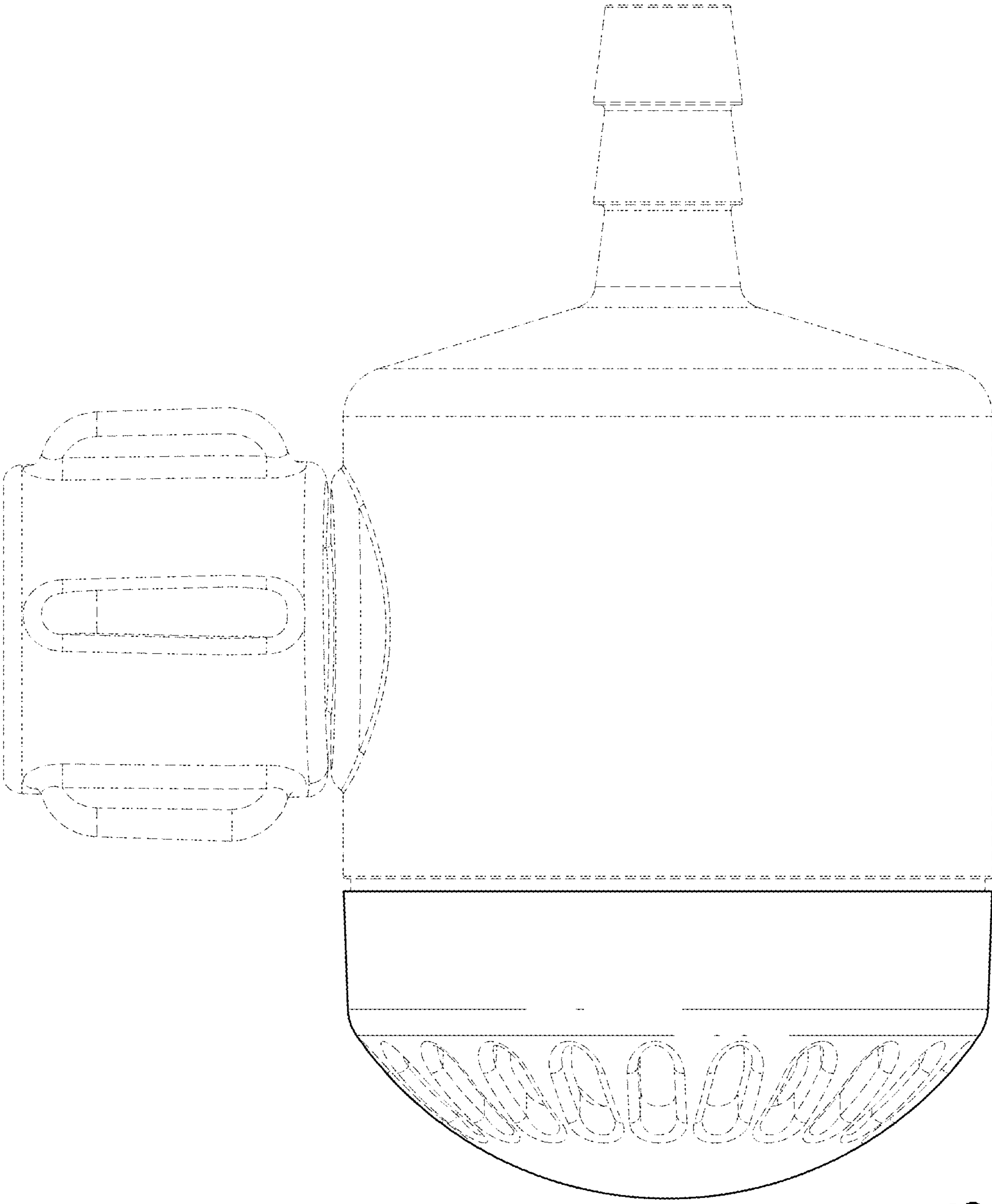


FIG. 3

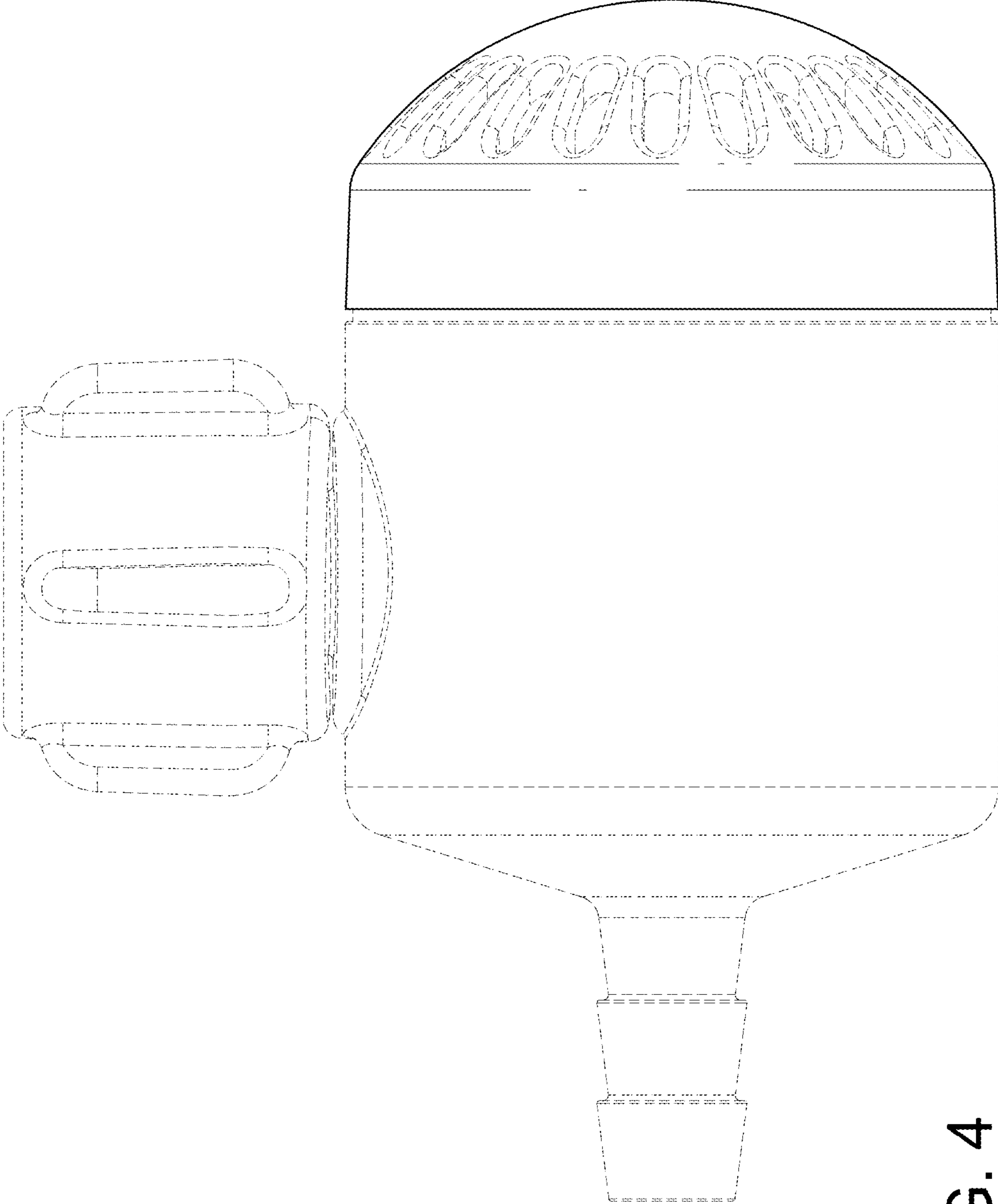


FIG. 4

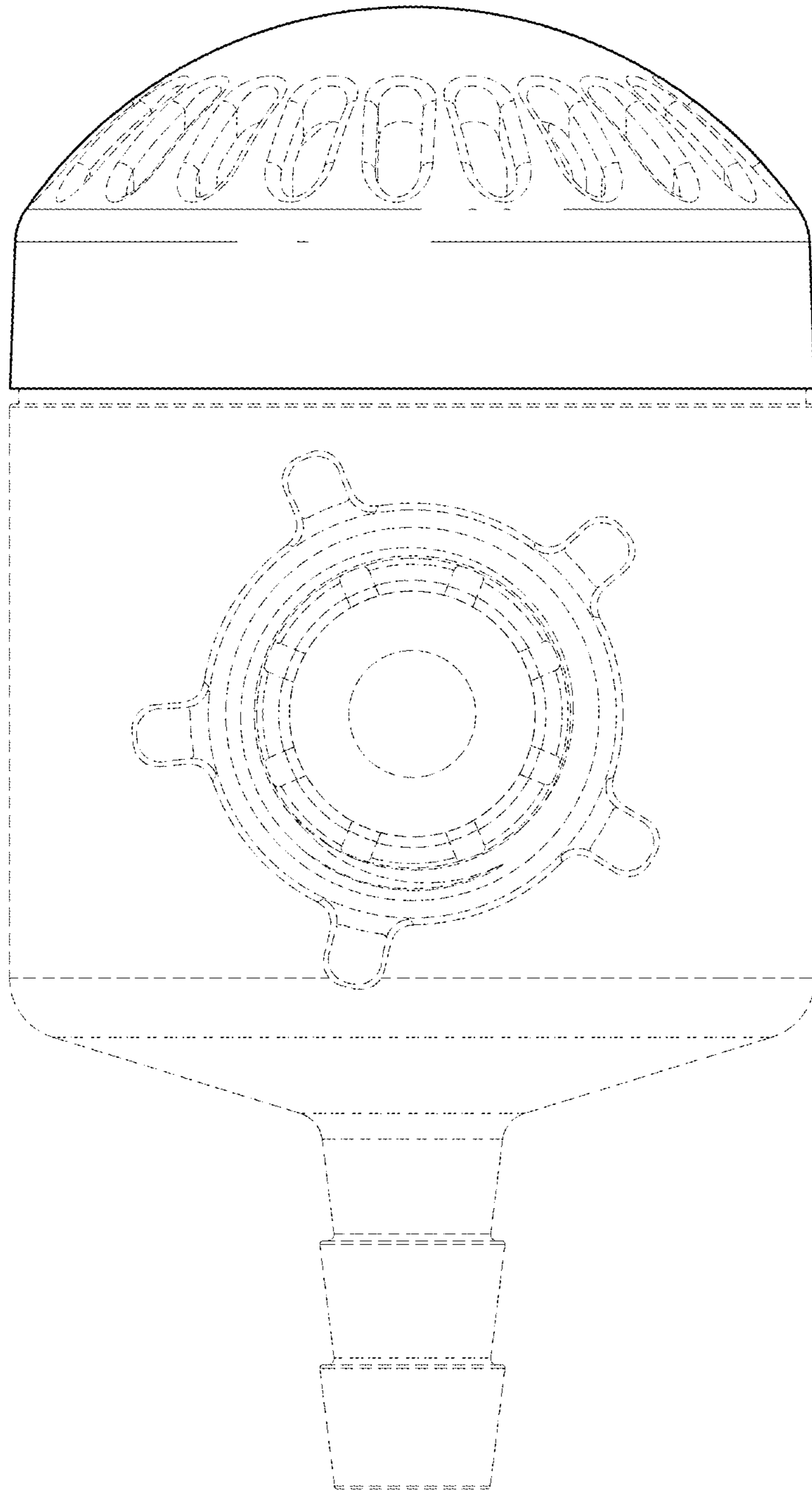


FIG. 5

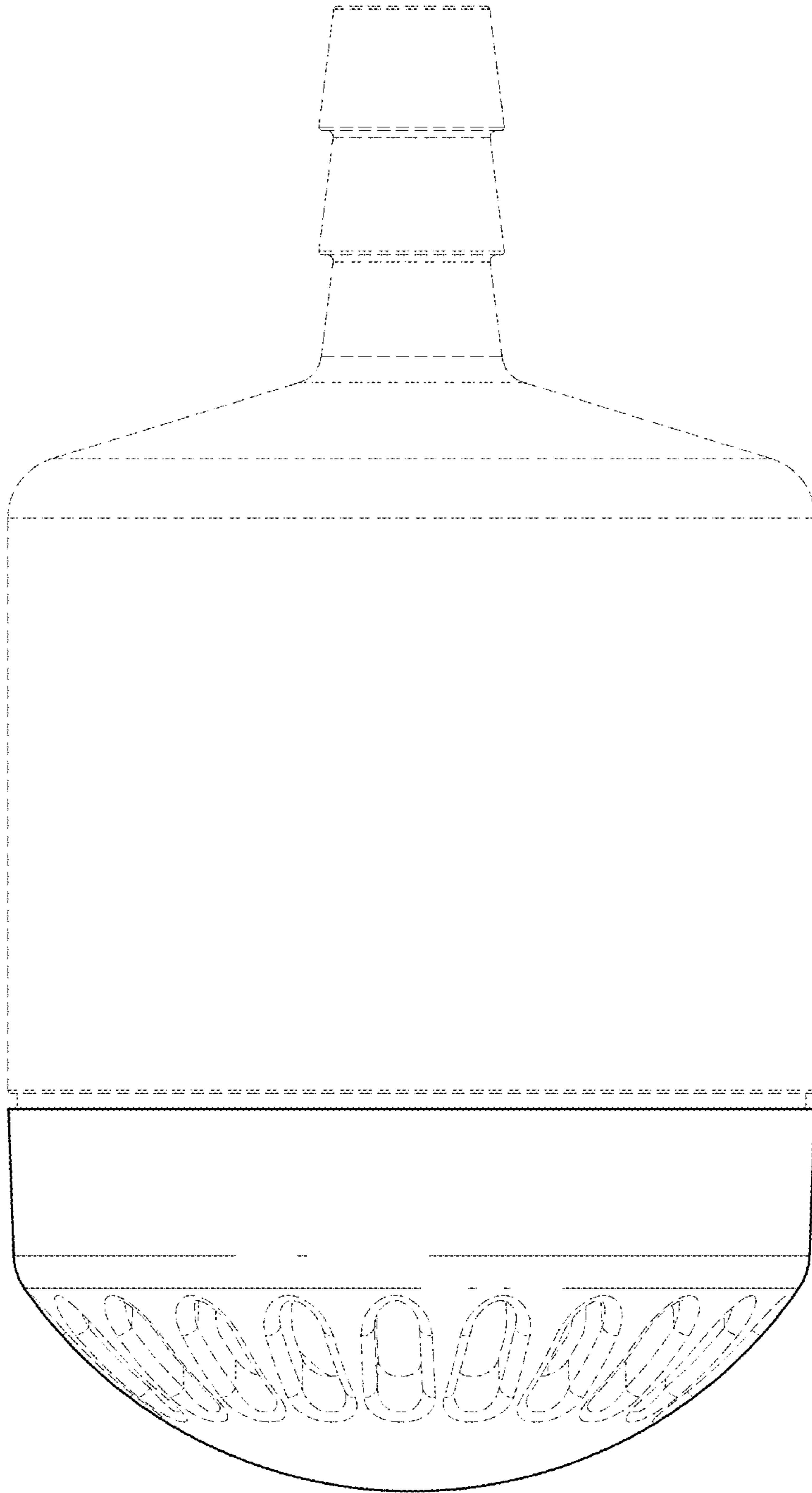


FIG. 6

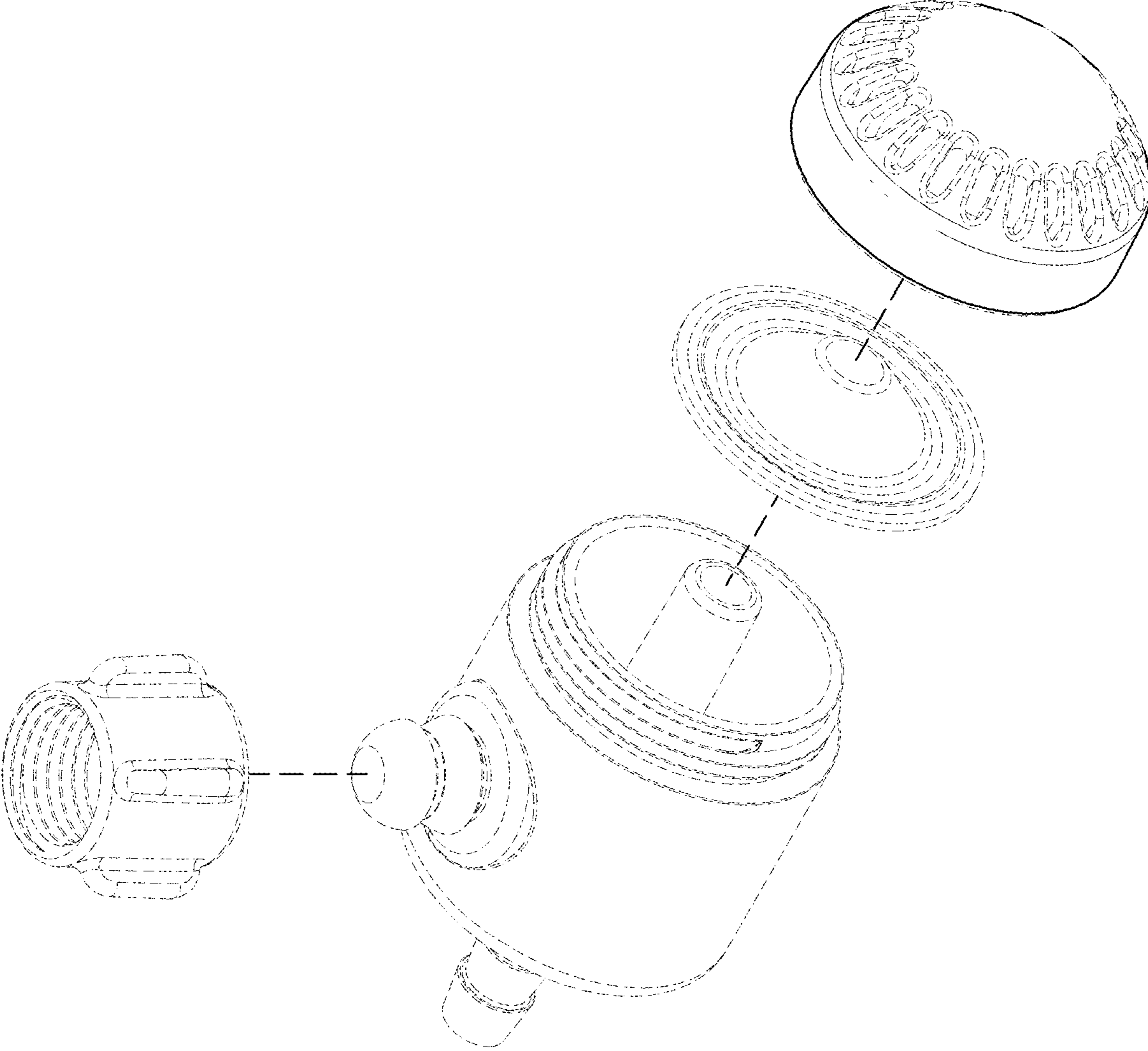


FIG. 7

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : D887,549 S
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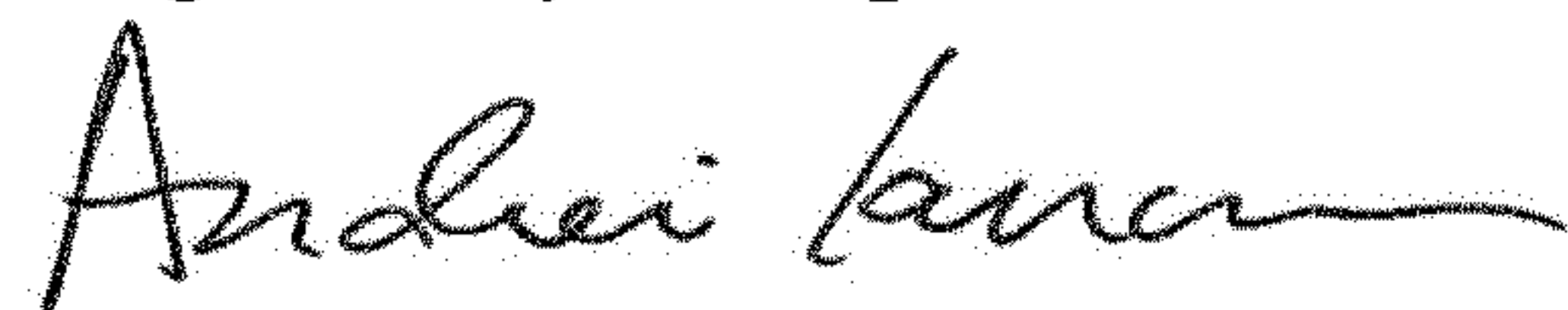
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page

Column 1, Item (73), Line 1, under Assignee, delete "Masino" and insert --Masimo--.

Signed and Sealed this
Eighth Day of September, 2020



Andrei Iancu
Director of the United States Patent and Trademark Office