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

(10) **Patent No.:** **US D982,488 S**

(45) **Date of Patent:** **** Apr. 4, 2023**

(54) **SPRING BRAKE**

(71) Applicant: **Fangping Cao**, Shenzhen (CN)

(72) Inventor: **Fangping Cao**, Shenzhen (CN)

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

(21) Appl. No.: **29/854,776**

(22) Filed: **Sep. 28, 2022**

(51) **LOC (14) Cl.** **12-16**

(52) **U.S. Cl.**
USPC **D12/180**

(58) **Field of Classification Search**
USPC D12/123, 124, 125, 160, 174, 179, 180,
D12/217, 400; D8/382, 370, 387;
D6/349, 606, 718.31; D11/26
CPC F16D 65/16; F16D 65/28; F16D 65/46;
F16D 65/567; B60T 13/38; B60T 13/588;
B60T 17/083; B60T 17/085; B60T
17/086; B60T 17/088

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D267,031 S	*	11/1982	Hamlin	.....	D22/147
D267,504 S	*	1/1983	Hamlin	.....	D22/147
D279,163 S	*	6/1985	Lye	.....	D8/382
D304,433 S	*	11/1989	McConnell, Jr.	.....	D11/78
D324,350 S	*	3/1992	Owens, Jr.	.....	D11/78
D330,834 S	*	11/1992	Hooper	.....	D8/1
D427,956 S	*	7/2000	Capek	.....	D12/180
D432,264 S	*	10/2000	Nicol	.....	D28/39
D506,109 S	*	6/2005	Deal	.....	D7/683
D555,461 S	*	11/2007	Tincher	.....	D8/370

D604,680 S	*	11/2009	Chow	.....	D12/180
D757,870 S	*	5/2016	Leslie	.....	D21/693
D886,234 S	*	6/2020	Lavoie	.....	D22/147
D924,110 S		7/2021	Carminati et al.		

* cited by examiner

Primary Examiner — Cary M Robinson

Assistant Examiner — Adam C Mager

(74) *Attorney, Agent, or Firm* — Daniel M. Cohn;

Howard M. Cohn

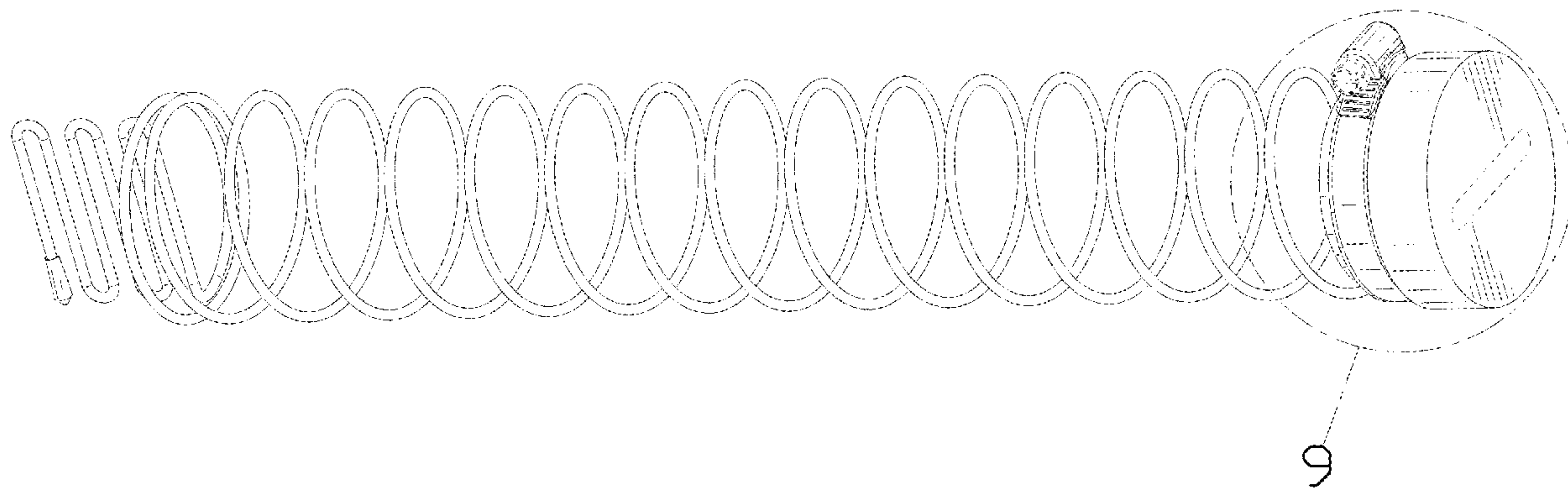
(57) **CLAIM**

The ornamental design for a spring brake, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a spring brake showing my new design;
 FIG. 2 is another perspective view thereof;
 FIG. 3 is a front elevational view thereof;
 FIG. 4 is a rear elevational view thereof;
 FIG. 5 is a left side elevational view thereof;
 FIG. 6 is a right side elevational view thereof;
 FIG. 7 is a top plan view thereof;
 FIG. 8 is a bottom plan view thereof;
 FIG. 9 is an enlarged view of portion 9 shown in FIG. 1;
 FIG. 10 is an enlarged view of portion 10 shown in FIG. 2;
 and,
 FIG. 11 is an enlarged view of portion 11 shown in FIG. 2.
 The dash-dash broken lines in the drawings depict portions of the spring brake that form no part of the claimed design.
 The dot-dash broken lines represent boundaries of the enlarged portions and form no part of the claimed design.

1 Claim, 11 Drawing Sheets



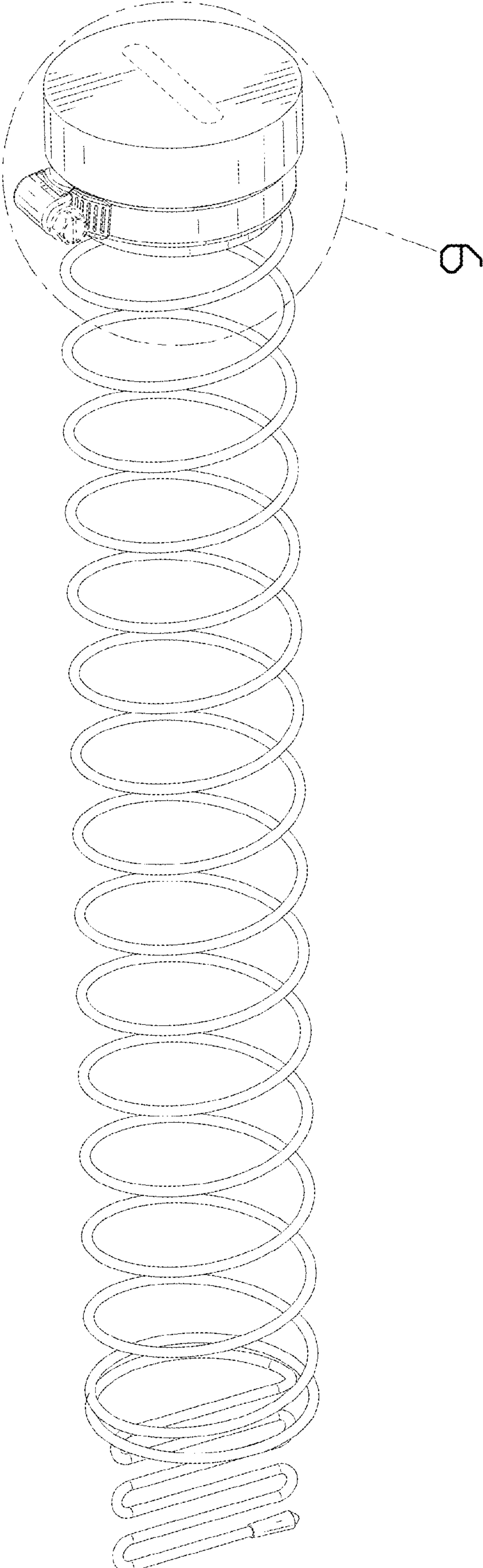


FIG. 1

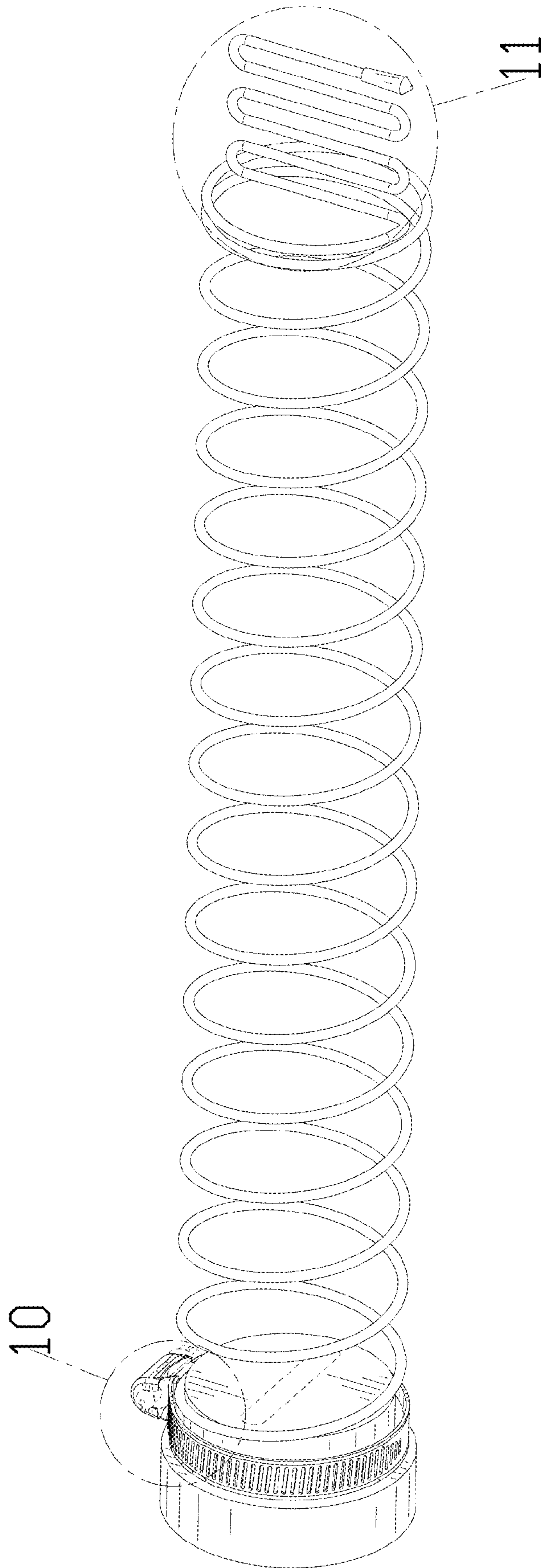


FIG. 2

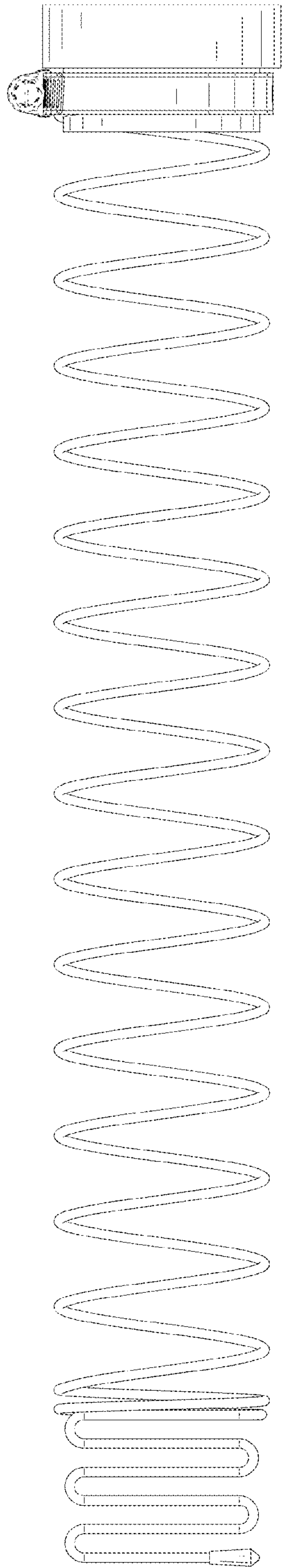


FIG. 3

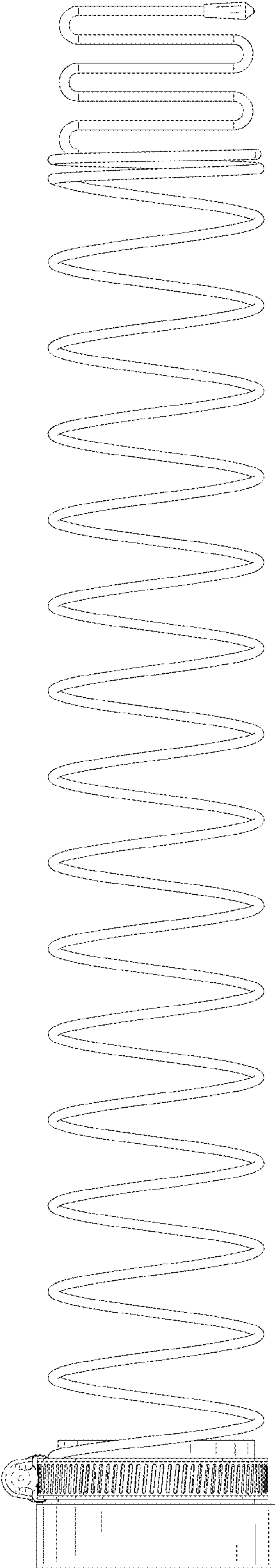


FIG. 4

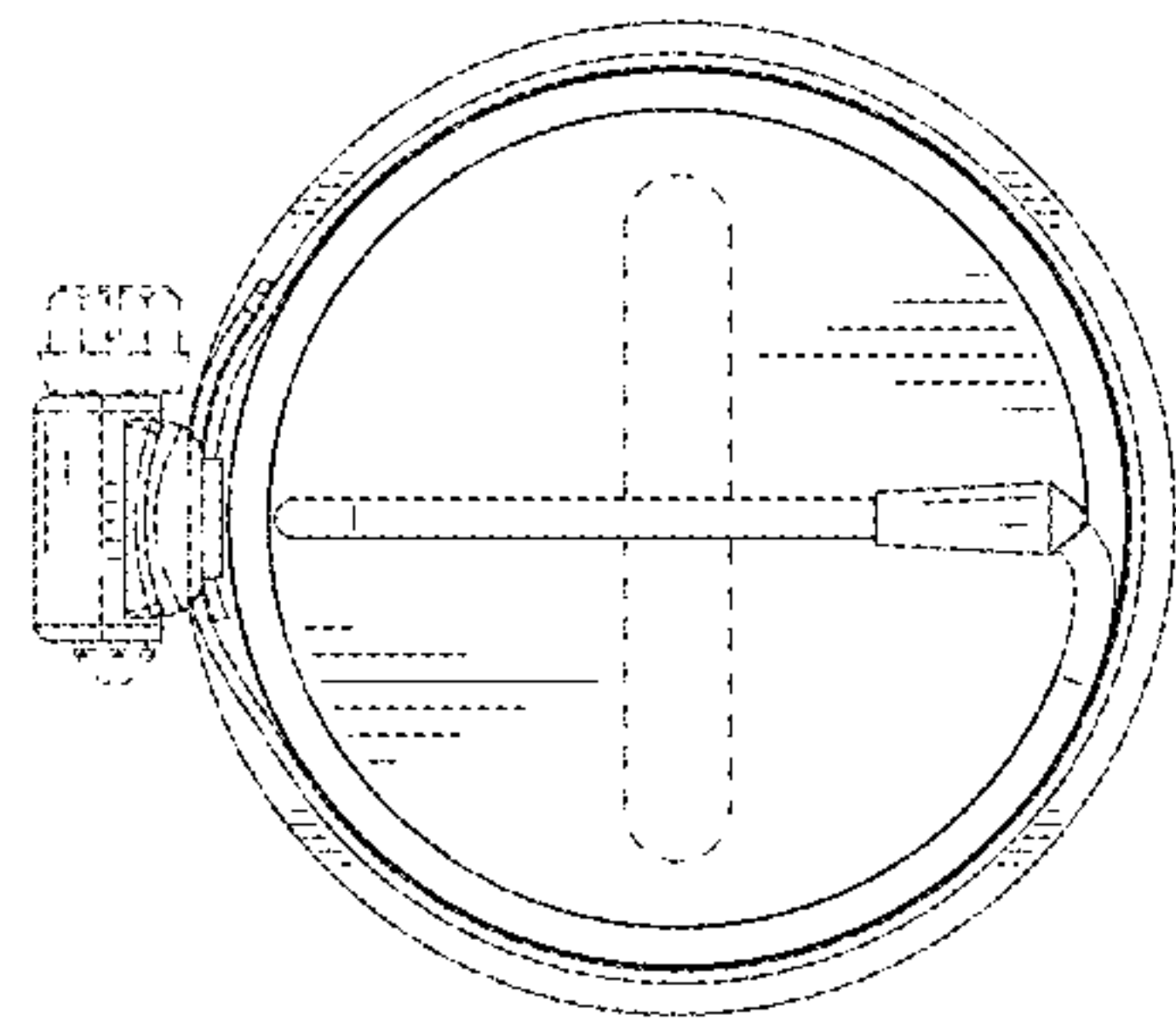


FIG. 5

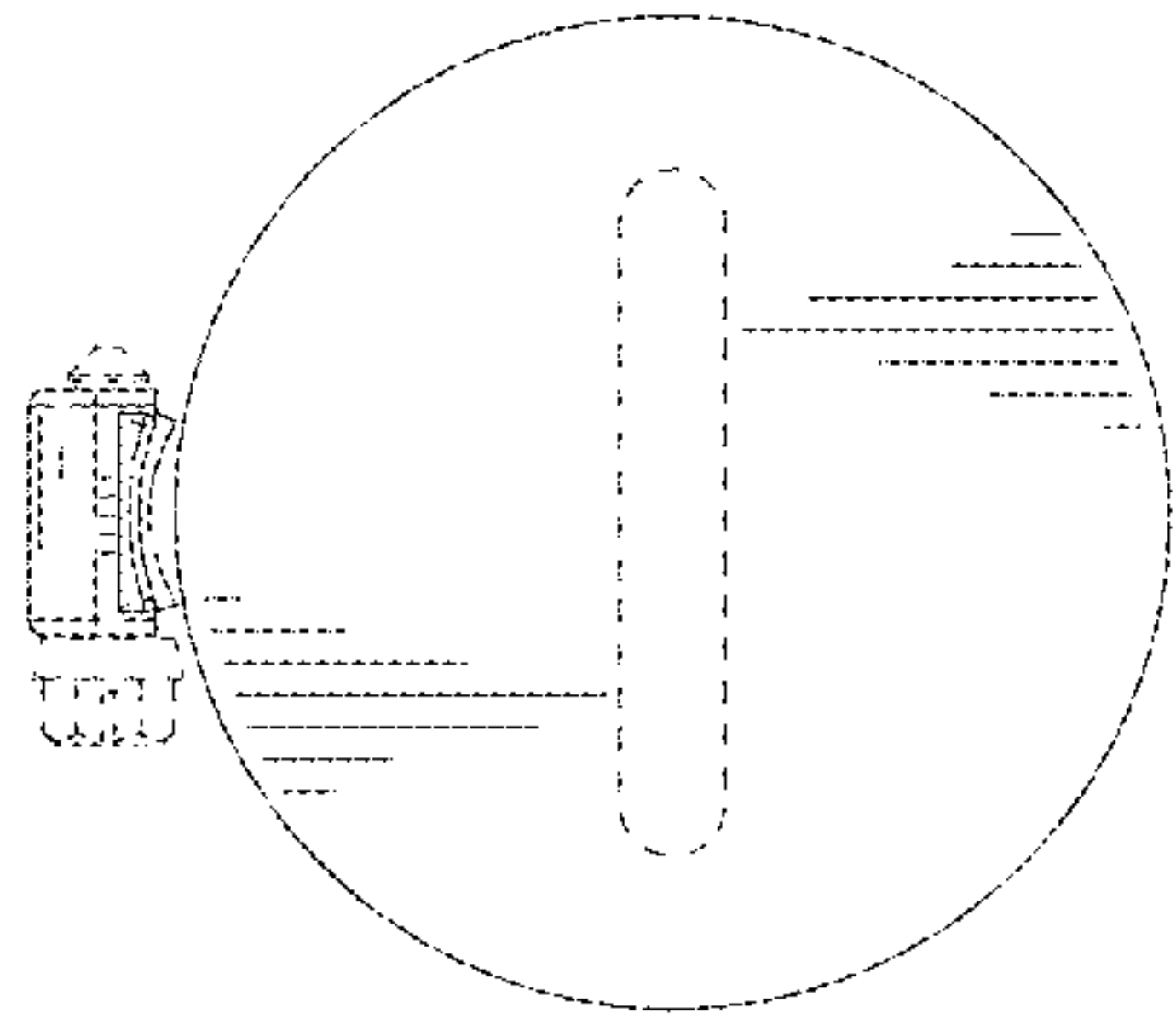


FIG. 6

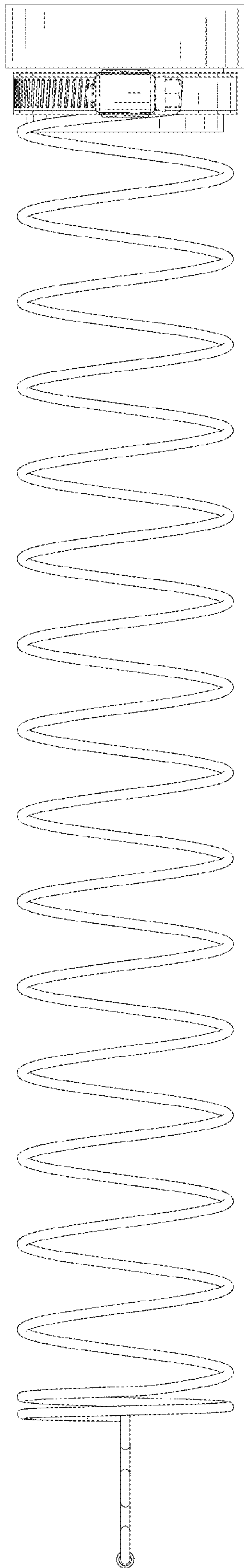


FIG. 7

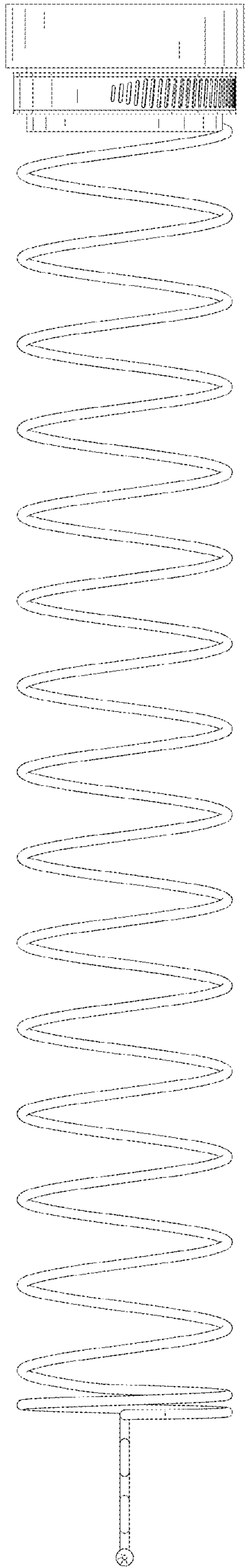


FIG. 8

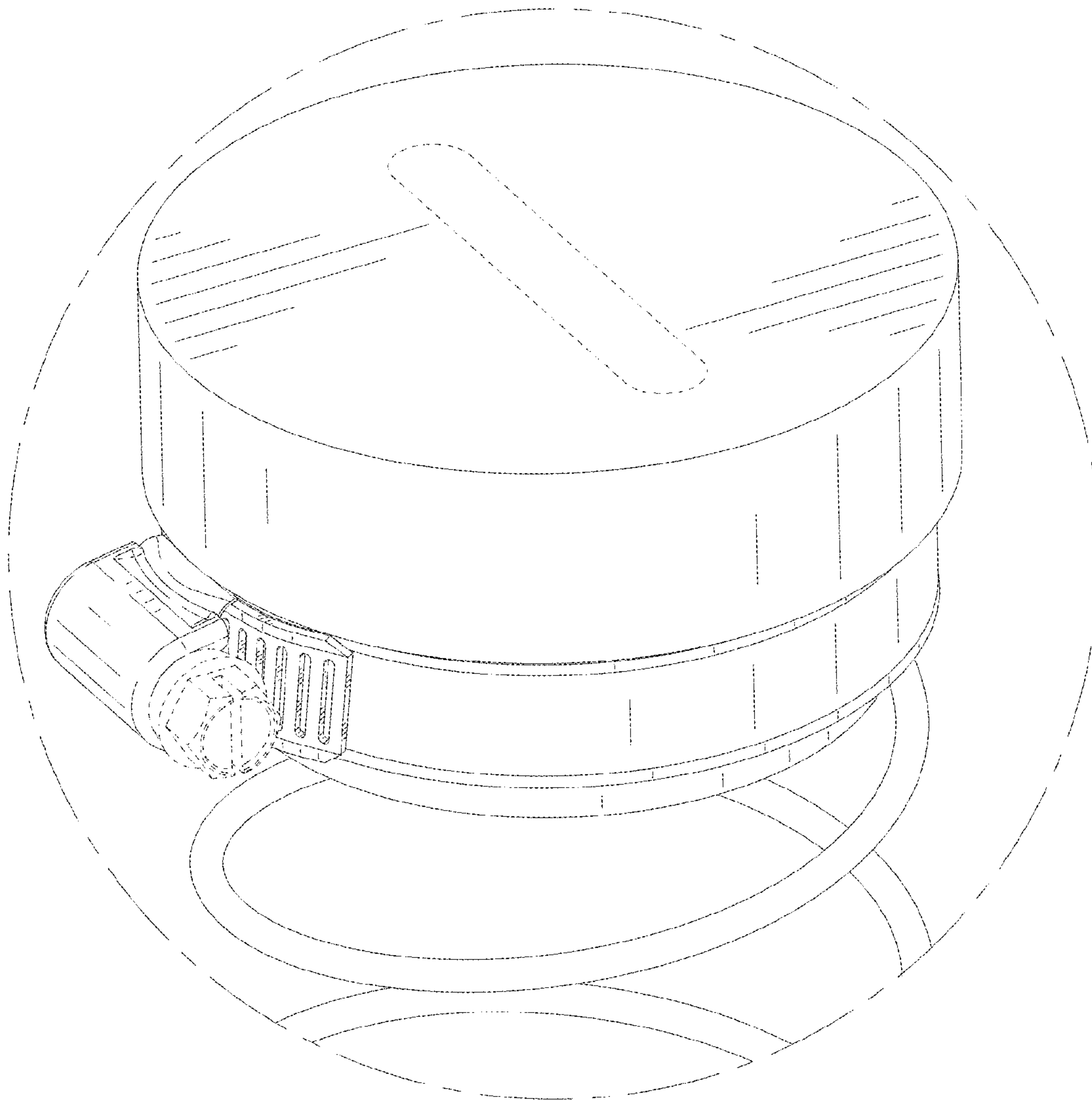


FIG. 9

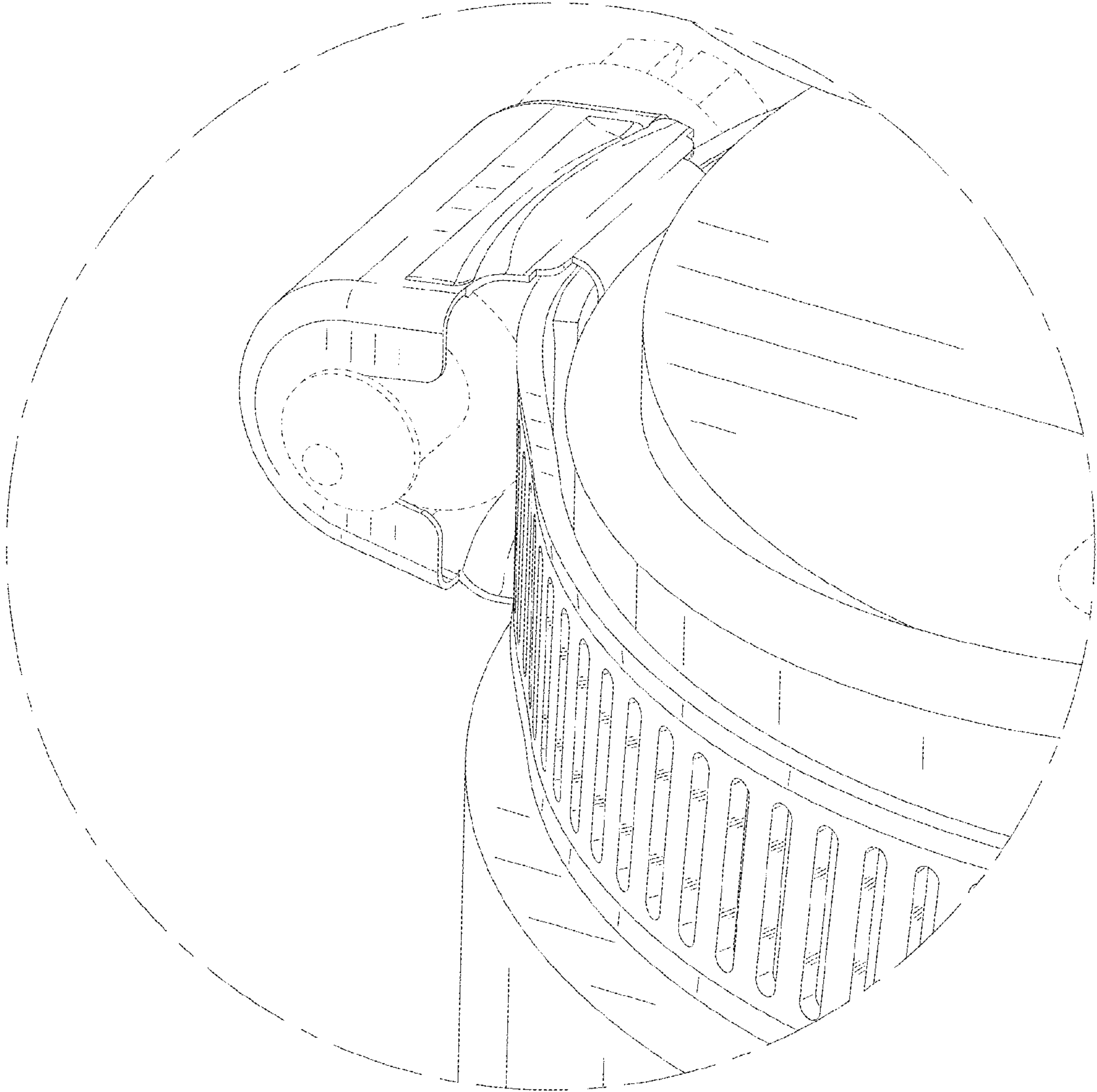


FIG. 10

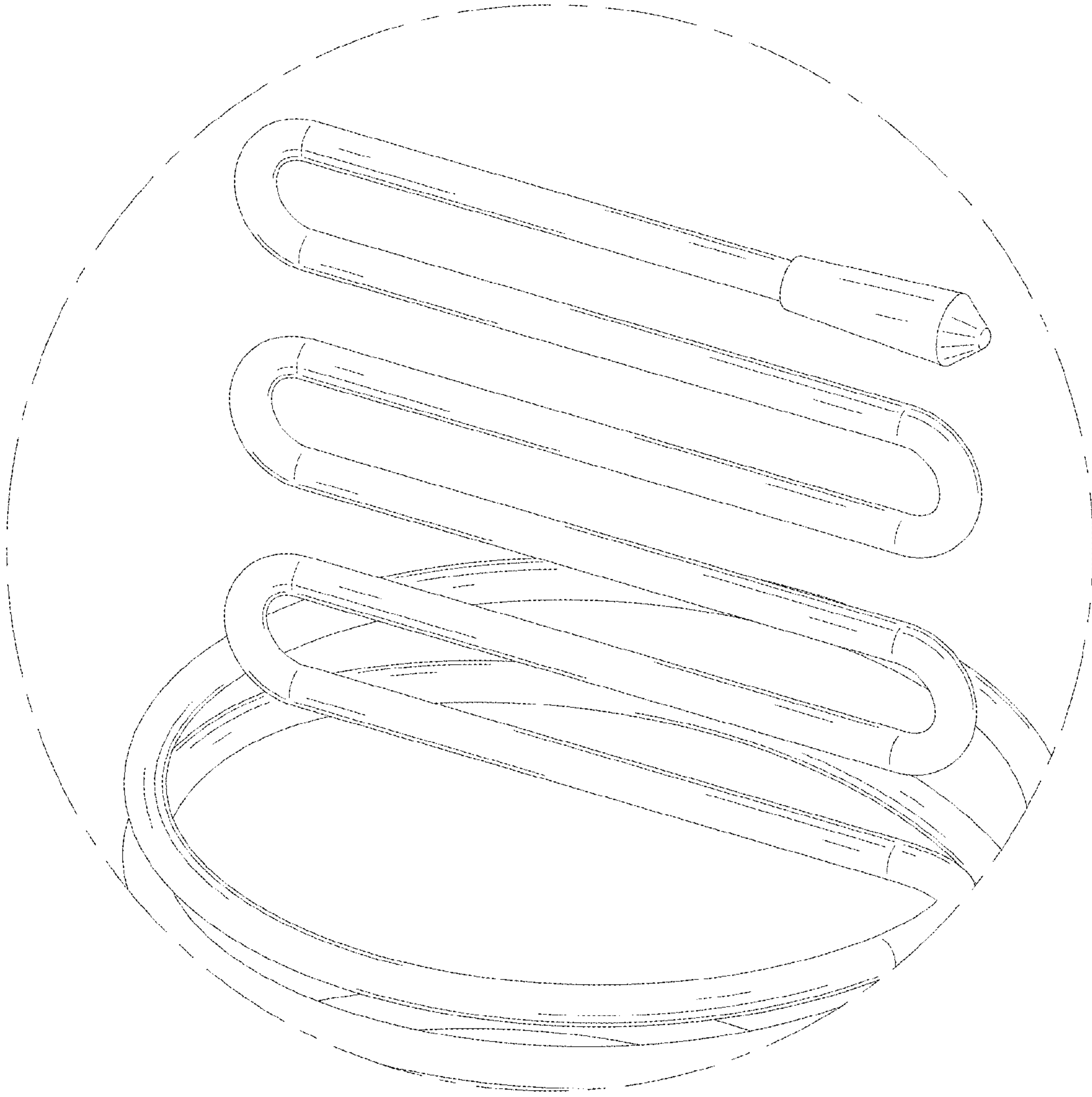


FIG. 11