

US00D863046S

(12) **United States Design Patent** (10) **Patent No.:** **US D863,046 S**  
**Cariano et al.** (45) **Date of Patent:** **\*\* Oct. 15, 2019**

(54) **HOOK**  
(71) Applicant: **Aerial Machine & Tool Corporation**,  
Meadows of Dan, VA (US)  
(72) Inventors: **Chad Nicholas Cariano**, Richmond,  
VA (US); **Thomas Clement Ivey, III**,  
Richmond, VA (US)  
(73) Assignee: **Aerial Machine & Tool Corporation**,  
Meadows of Dan, VA (US)

D626,908 S 11/2010 Marcaccio et al.  
D631,331 S 1/2011 Kelleghan  
7,922,220 B2 4/2011 Coulombe  
D642,449 S 8/2011 Blaney  
D686,488 S 7/2013 Abels  
8,695,179 B2 4/2014 Dunn et al.  
D730,159 S 5/2015 Grimm et al.  
D730,722 S \* 6/2015 Grimm ..... D8/356  
D743,778 S 11/2015 Huang  
D758,172 S \* 6/2016 Hung ..... D8/367  
(Continued)

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

(21) Appl. No.: **29/676,528**

(22) Filed: **Jan. 11, 2019**

**Related U.S. Application Data**

(63) Continuation of application No. 29/635,068, filed on  
Jan. 26, 2018, now Pat. No. Des. 843,814.

(51) **LOC (12) Cl.** ..... **09-06**

(52) **U.S. Cl.**  
USPC ..... **D8/356**

(58) **Field of Classification Search**  
USPC ..... D8/356, 354, 349, 367  
CPC ..... A62B 1/14; A62B 35/0037; B66C 1/36;  
F16B 45/02  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

3,194,598 A 7/1965 Goldfuss  
D389,983 S 1/1998 Maness  
6,363,589 B1 4/2002 Calloway et al.  
7,047,604 B2 5/2006 Axel  
7,097,223 B1 8/2006 Bradford  
7,114,196 B1 10/2006 Cicio  
D572,573 S 7/2008 Abels  
7,444,723 B2 11/2008 Lin  
D613,583 S 4/2010 Abels

**OTHER PUBLICATIONS**

Page of Lifesaving Systems Corp. catalog (downloaded prior to Jan.  
26, 2018).

(Continued)

*Primary Examiner* — Cynthia R Underwood

(74) *Attorney, Agent, or Firm* — Banner & Witcoff, Ltd.

(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a front perspective view of a hook showing our new  
design;

FIG. 2 is a right side view thereof;

FIG. 3 is a left side view thereof;

FIG. 4 is a front view thereof;

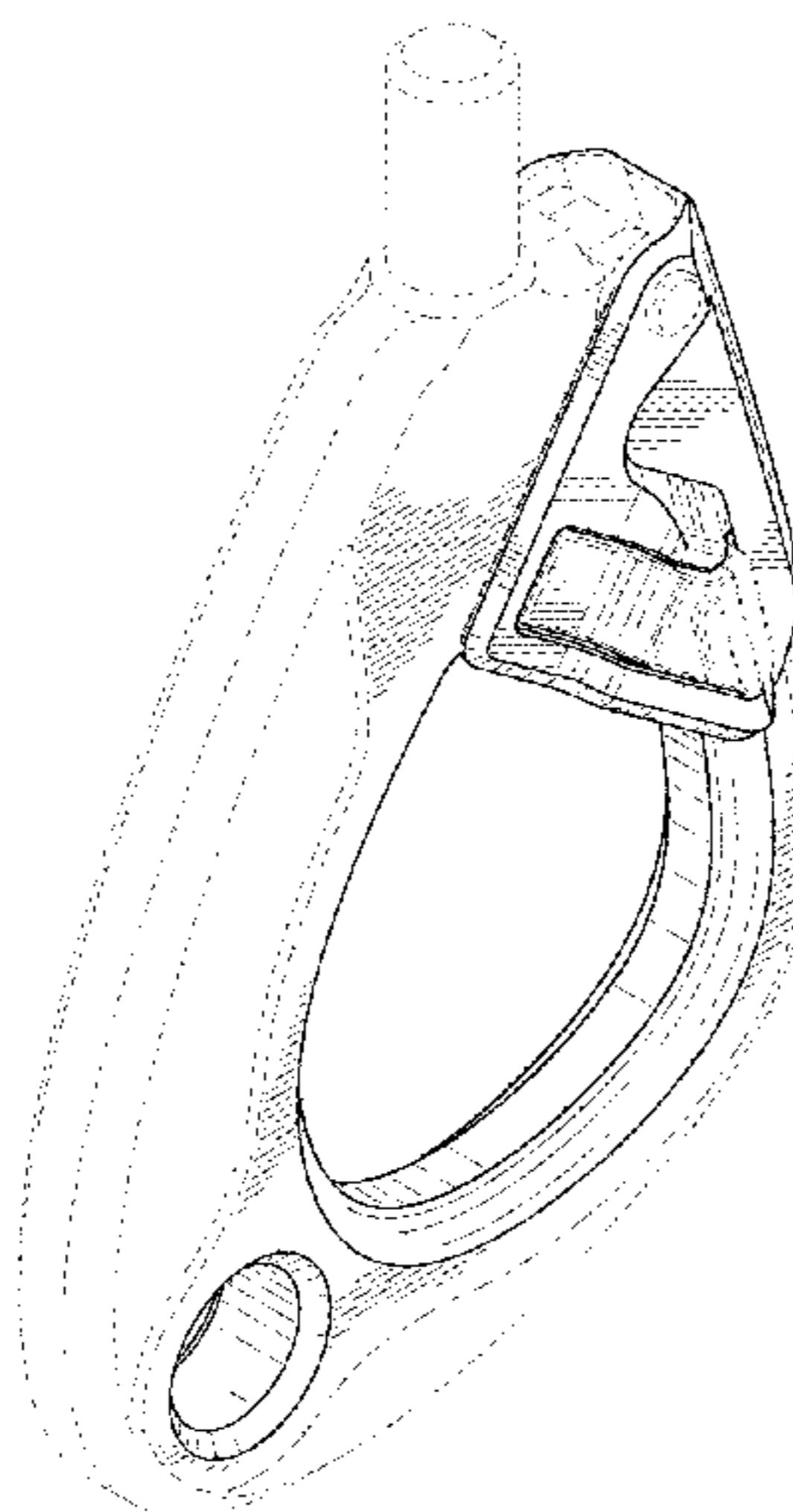
FIG. 5 is a rear view thereof;

FIG. 6 is a top view thereof; and,

FIG. 7 is a bottom view thereof.

The even-length broken line showing of the remainder of the  
hook, including the even-length broken lines within the  
shaded areas, illustrates environmental structure and forms  
no part of the claimed design. The uneven-length broken  
lines immediately adjacent to the shaded areas define the  
bounds of the claimed design and form no part thereof.

**1 Claim, 7 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D765,497	S	9/2016	Petzl	
9,500,221	B2	11/2016	Yang et al.	
D788,572	S	6/2017	Votel et al.	
D801,156	S *	10/2017	Hung .....	D8/367
D819,429	S	6/2018	Newing et al.	
D827,418	S *	9/2018	Austin .....	D8/356
D836,422	S *	12/2018	Gobbi .....	D8/356
D837,635	S *	1/2019	Petzl .....	D8/356
D841,115	S *	2/2019	Ishihara .....	D22/135
D848,823	S *	5/2019	Graykowski .....	D8/356
D852,609	S *	7/2019	LeBeau .....	D8/356
2007/0062013	A1	3/2007	Mueller	
2009/0183347	A1	7/2009	Abels	
2013/0219673	A1	8/2013	Pemer	
2014/0110956	A1	4/2014	Lin	
2014/0138191	A1	5/2014	Chabod et al.	
2014/0245576	A1	9/2014	Pemer	
2016/0361578	A1	12/2016	Casebolt et al.	
2016/0376129	A1	12/2016	Hendrix et al.	
2017/0307004	A1	10/2017	Cardella	

OTHER PUBLICATIONS

Capwell Aerial Systems Auto-Lok Helicopter Rescue Hook product sheet (prior to Jan. 26, 2018).

Capwell Aerial Systems Slide-Lok Helicopter Rescue Hook product sheet (prior to Jan. 26, 2018).

Capwell Aerial Systems Hi-Viz Auto-Lok Helicopter Rescue Hook product sheet (prior to Jan. 26, 2018).

Capwell Aerial Systems Hi-Viz Slide-Lok Helicopter Rescue Hook product sheet (prior to Jan. 26, 2018).

\* cited by examiner

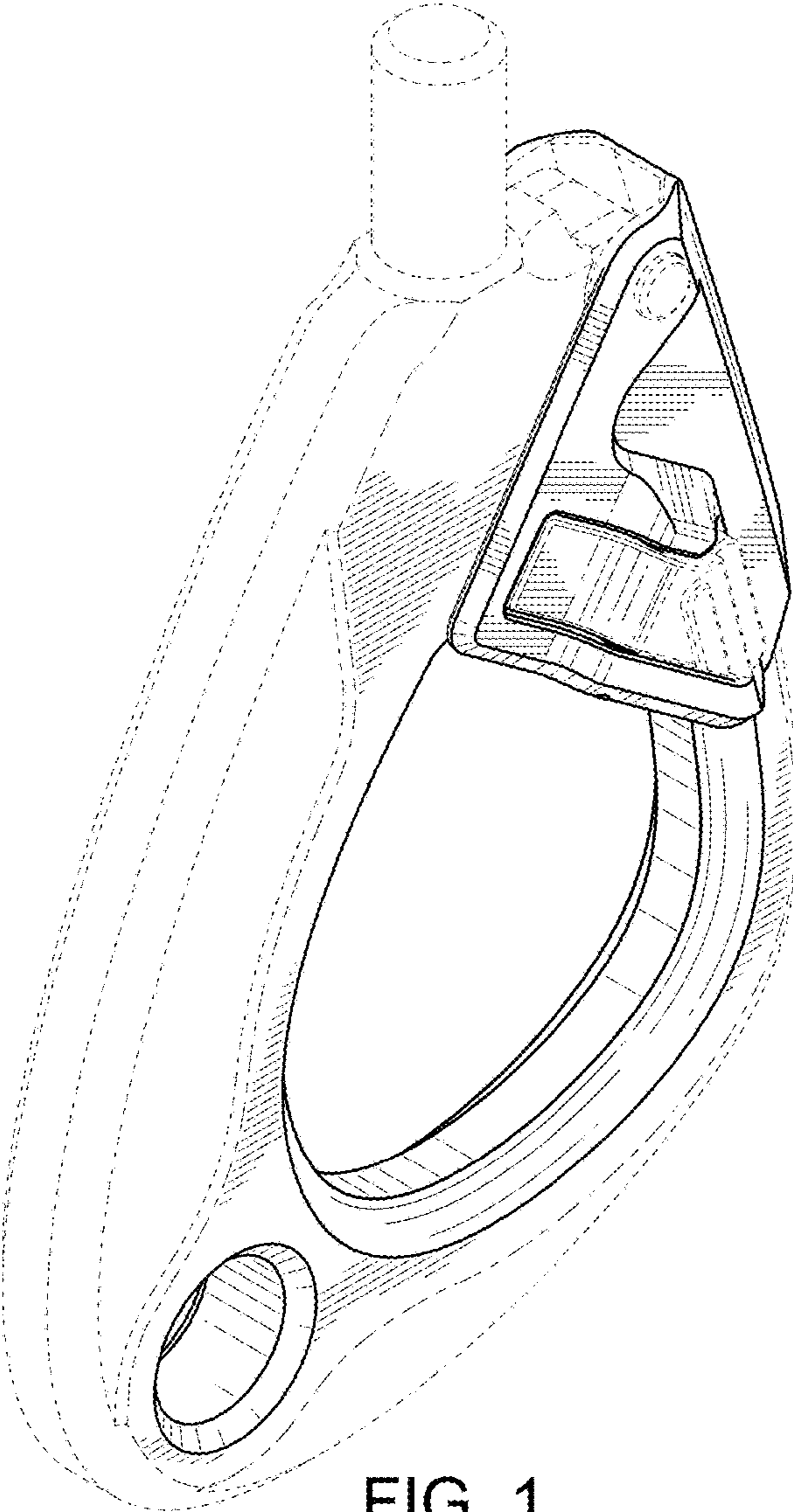


FIG. 1

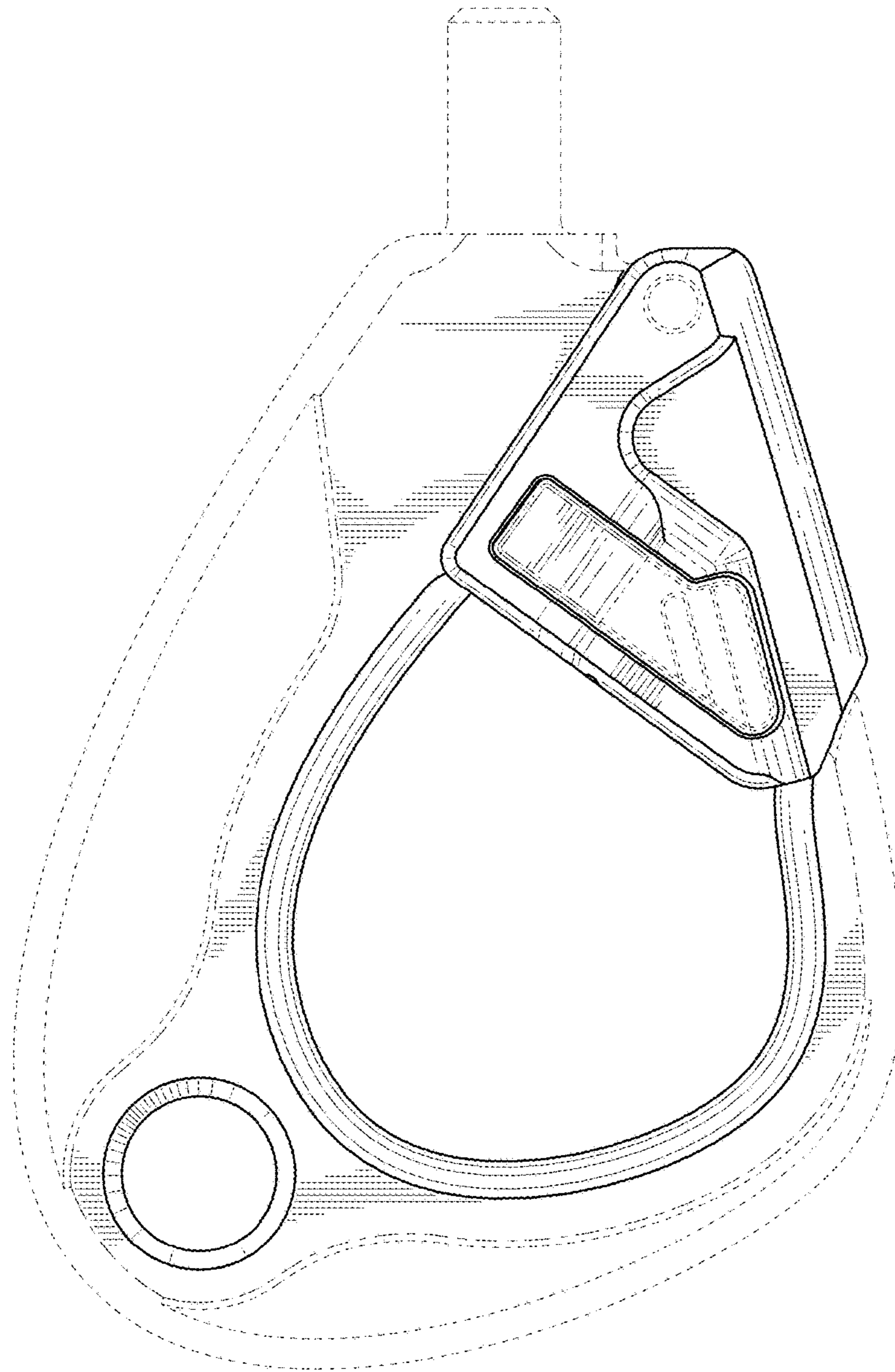


FIG. 2

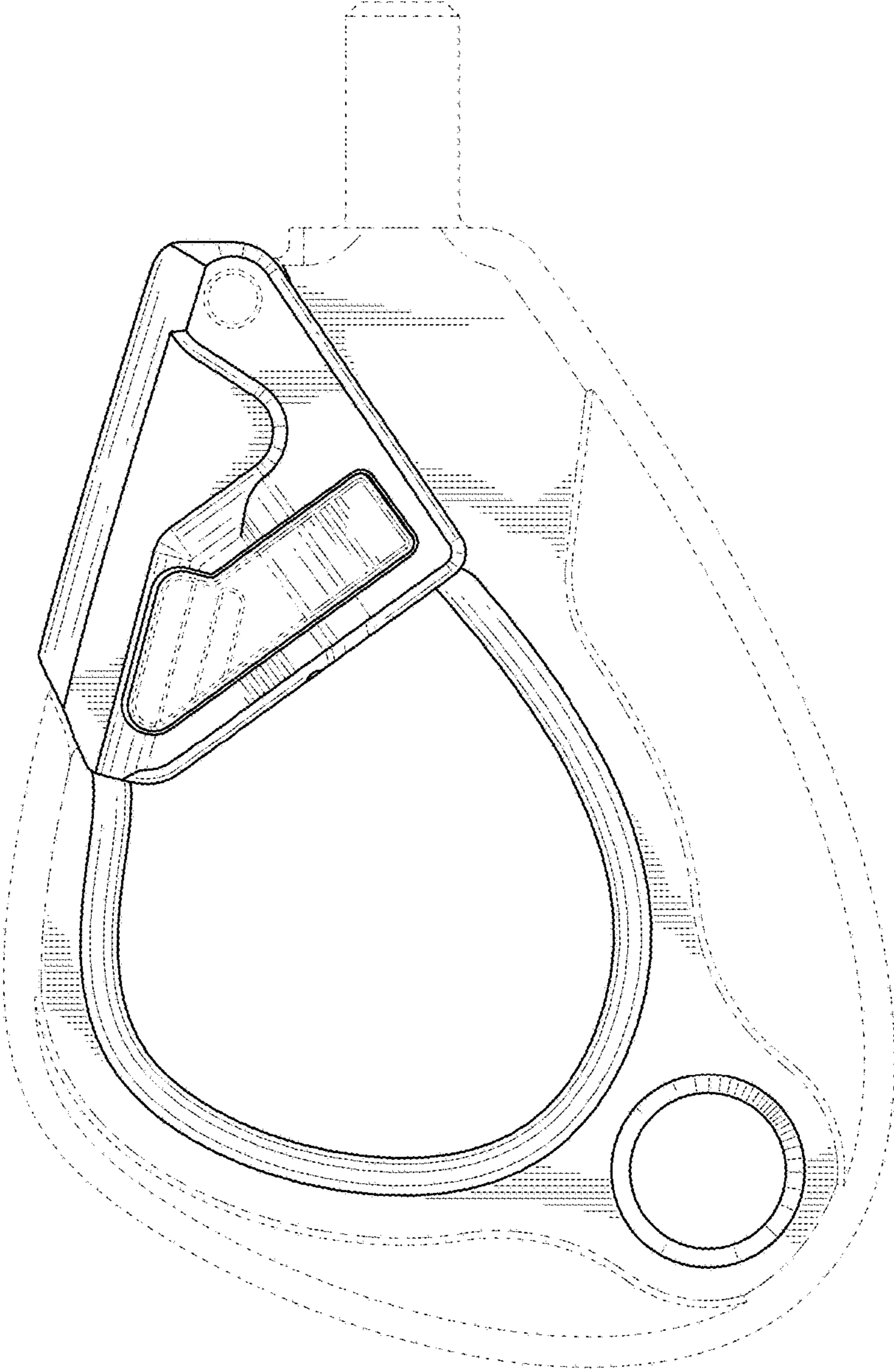


FIG. 3

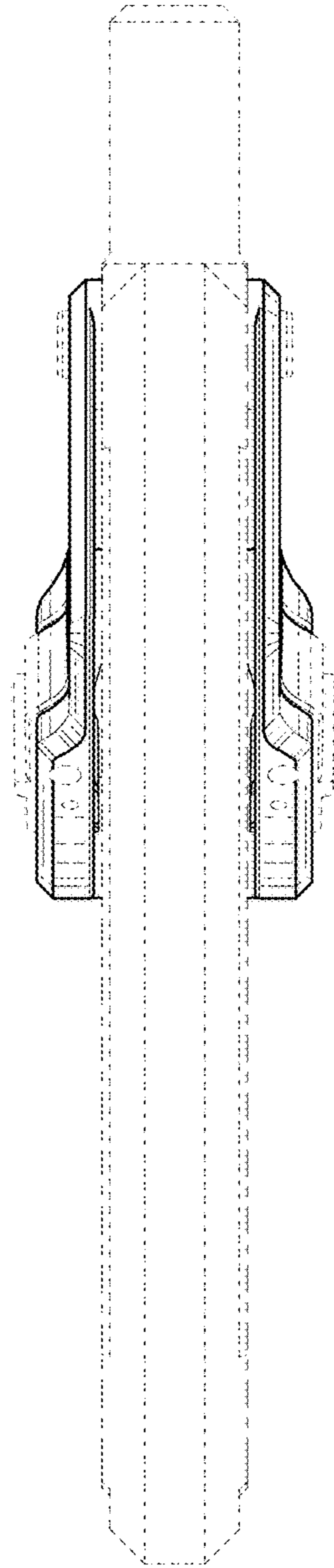


FIG. 4

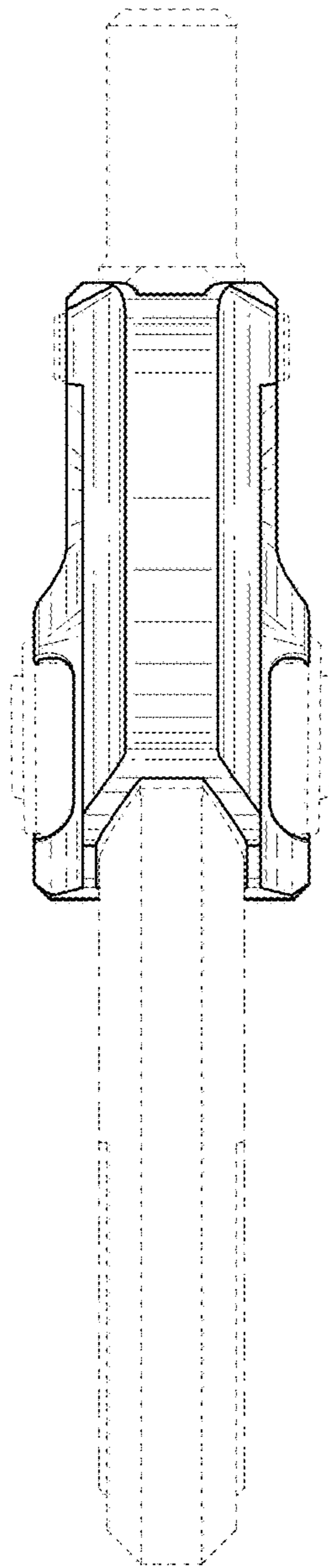


FIG. 5

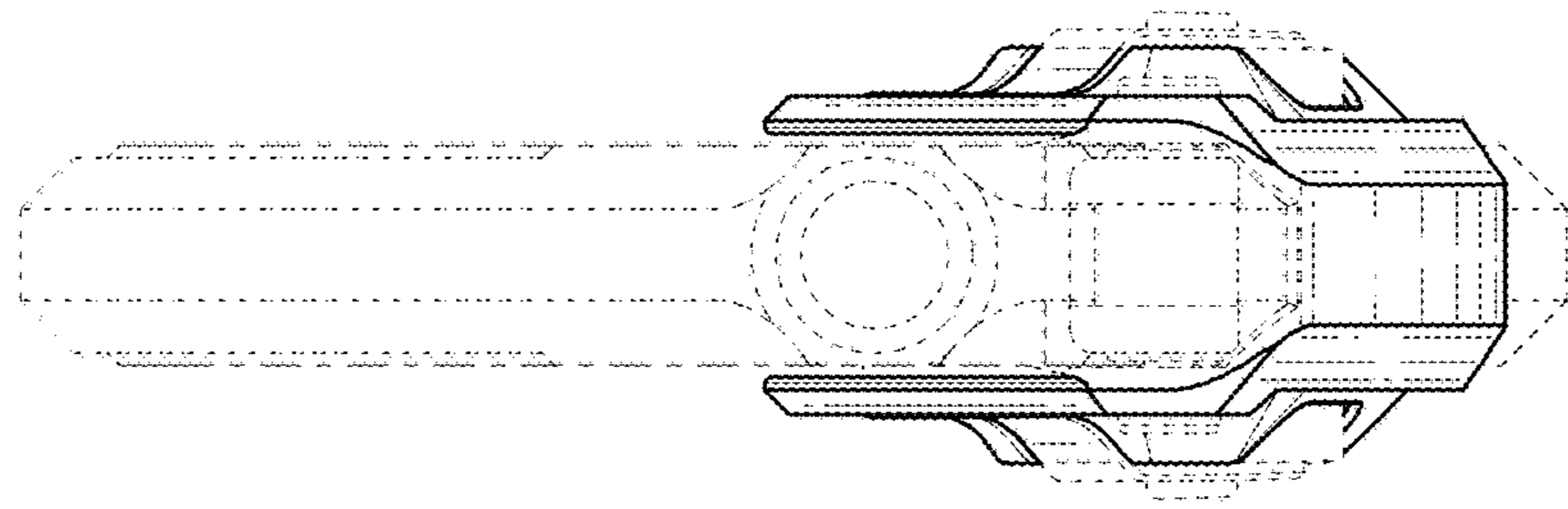


FIG. 6



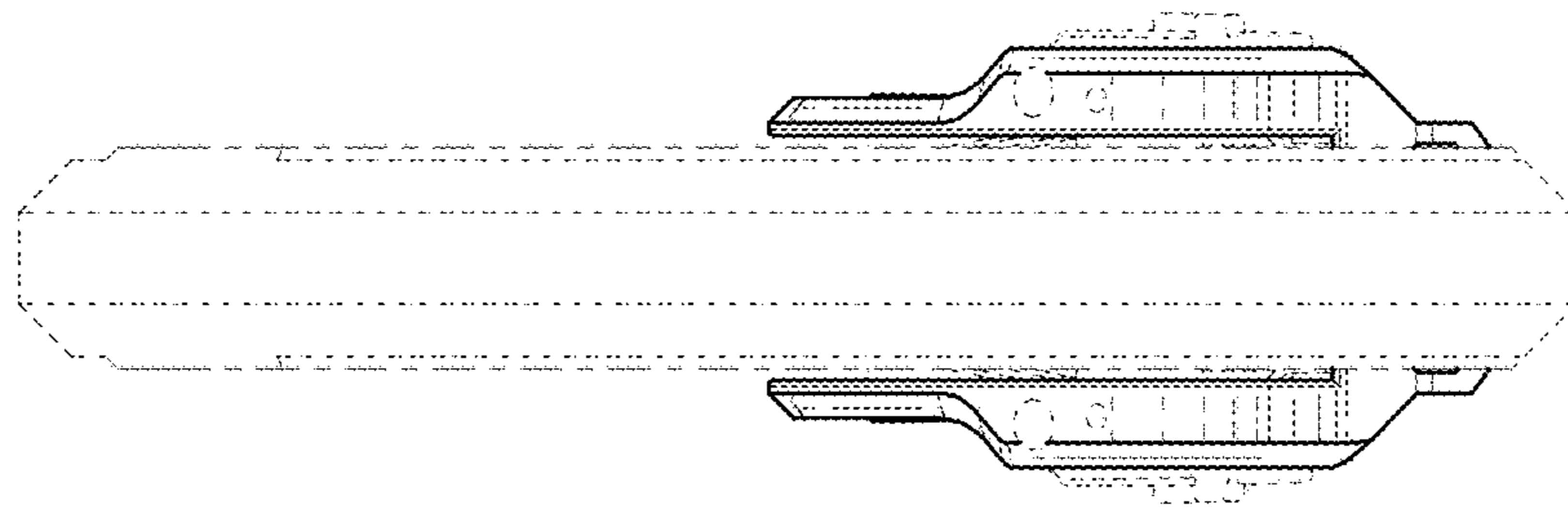


FIG. 7