



US00D873953S

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

(10) **Patent No.:** **US D873,953 S**  
(45) **Date of Patent:** **\*\* Jan. 28, 2020**

(54) **LINE COUPLER**

(71) Applicant: **Valley Hook, LLC**, Waterford, WI (US)

(72) Inventor: **Charles J. Noack**, Waterford, WI (US)

(73) Assignee: **Valley Hook, LLC**, Waterford, WI (US)

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

(21) Appl. No.: **29/666,331**

(22) Filed: **Oct. 11, 2018**

**Related U.S. Application Data**

(63) Continuation-in-part of application No. 14/711,392, filed on May 13, 2015, now abandoned.

(51) **LOC (12) Cl.** ..... **22-05**

(52) **U.S. Cl.**  
USPC ..... **D22/143**

(58) **Field of Classification Search**

USPC ..... D22/134, 143, 199; 43/43.1, 43.16, 43/42.13, 44.89, 42.49, 44.83; 24/373, 24/598.2, 600.9, 908

CPC ..... A01K 83/00; A01K 91/04; A01K 91/18  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

86,154 A	1/1869	Hillz et al.
1,471,959 A	10/1923	Halferty
1,601,292 A	9/1926	Burns
1,961,378 A	6/1934	Mitchell
2,138,702 A	11/1938	Litsey

(Continued)

*Primary Examiner* — Catherine R Oliver-Garcia

(74) *Attorney, Agent, or Firm* — Boyle Fredrickson S.C.

(57) **CLAIM**

The ornamental design for a line coupler, substantially as shown and described.

**DESCRIPTION**

FIG. 1 is a top, front and right side isometric view of a line coupler according to a first embodiment of the present invention showing the line coupler coupling a fishing lure to a fishing line containing a knot;

FIG. 2 is a right side elevation view of the line coupler of FIG. 1.

FIG. 3 is a left side elevation view of the line coupler of FIG. 1;

FIG. 4 is a front elevation view of the line coupler of FIG. 1;

FIG. 5 is a rear elevation view of the line coupler of FIG. 1;

FIG. 6 is a top plan view of the line coupler of FIG. 1; and

FIG. 7 is a bottom plan view of the line coupler of FIG. 1.

FIG. 8 is a top, front and right side isometric view of a line coupler according to a second embodiment of the present invention showing the line coupler coupling a fishing lure to a fishing line containing a knot;

FIG. 9 is a right side elevation view of the line coupler of FIG. 8.

FIG. 10 is a left side elevation view of the line coupler of FIG. 8;

FIG. 11 is a front elevation view of the line coupler of FIG. 8;

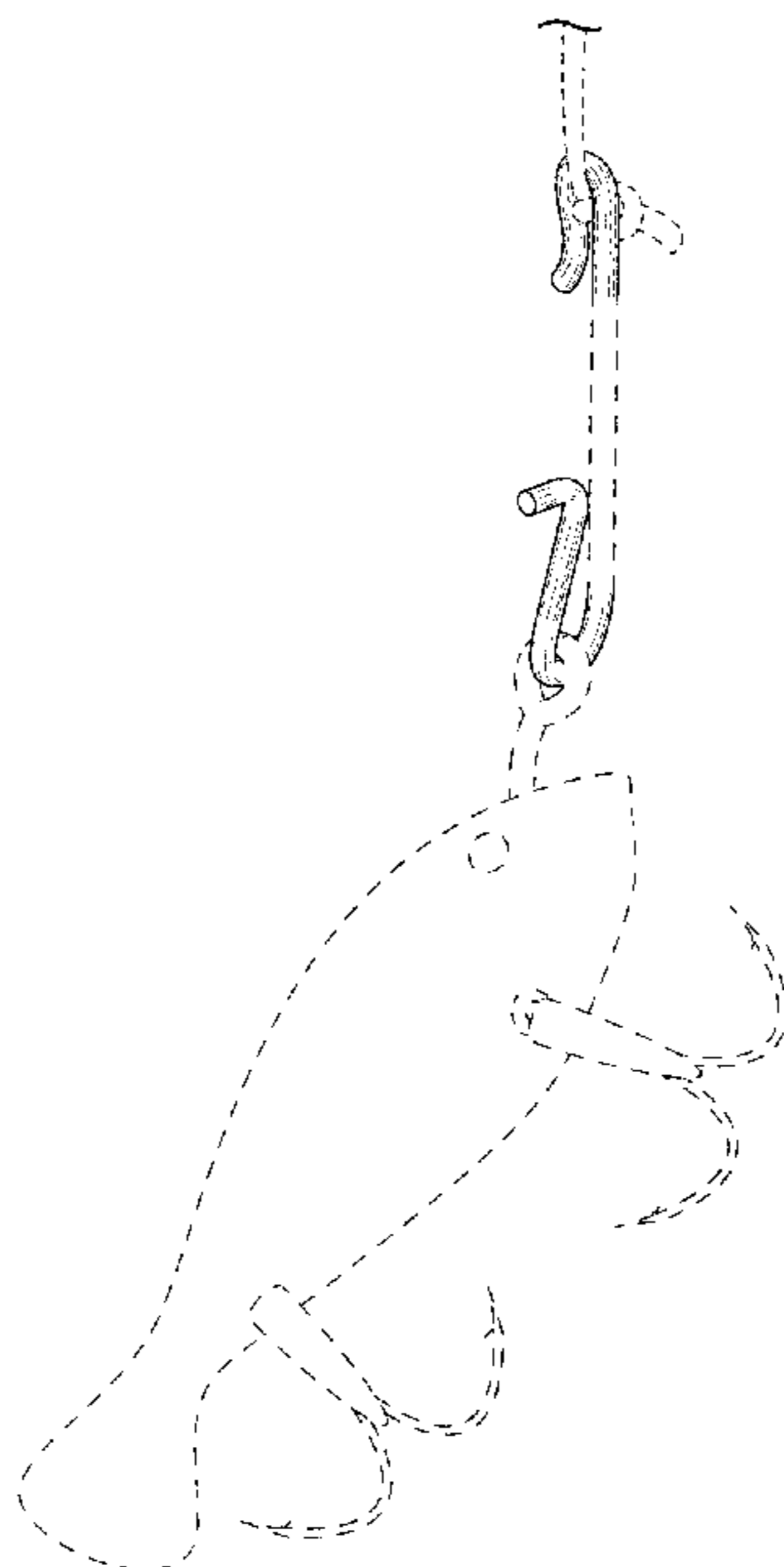
FIG. 12 is a rear elevation view of the line coupler of FIG. 8;

FIG. 13 is a top plan view of the line coupler of FIG. 8; and,

FIG. 14 is a bottom plan view of the line coupler of FIG. 8.

The broken lines in the figures depict portions of the line coupler that form no part of the claimed design.

**1 Claim, 10 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

2,733,538 A *	2/1956	Alimas .....	A01K 85/10 43/43.13	5,926,996 A *	7/1999	Frazier .....	A01K 91/18 24/908
2,748,524 A *	6/1956	Schinzel .....	A01K 91/04 43/44.83	5,970,650 A	10/1999	Mammel	
2,871,540 A *	2/1959	Smith .....	A01K 91/04 24/600.9	6,334,273 B2	1/2002	Turner et al.	
2,926,454 A	3/1960	Gottman		6,560,916 B1	5/2003	Maxim	
3,122,803 A *	3/1964	Guy .....	A01K 91/04 24/373	7,581,348 B2	9/2009	Taylor	
3,878,637 A	4/1975	Flower		7,950,180 B2	5/2011	Hatfield	
4,092,796 A	6/1978	Adams		D659,385 S *	5/2012	Campbell .....	D22/134
4,294,031 A	10/1981	Manno		D687,121 S *	7/2013	Hardwick .....	D22/134
4,535,562 A	8/1985	Fry		D760,343 S *	6/2016	Kim .....	D22/134
4,905,403 A	3/1990	Manno		D816,184 S *	4/2018	Kim .....	D22/134
D308,240 S *	5/1990	Buchanan .....	D22/134	D834,139 S *	11/2018	Kim .....	D22/134
5,279,067 A	1/1994	Tollison		D834,140 S *	11/2018	Kim .....	D22/134
5,689,911 A	11/1997	Lin et al.		2003/0182844 A1	10/2003	Berthold	
				2004/0098902 A1	5/2004	Falcon	
				2007/0119092 A1	5/2007	Gruber	
				2009/0119972 A1	5/2009	Reilly	
				2013/0133240 A1	5/2013	Beitzel	
				2015/0327525 A1 *	11/2015	Noack, Jr. ....	A01K 83/00 43/43.16

\* cited by examiner

FIG. 1

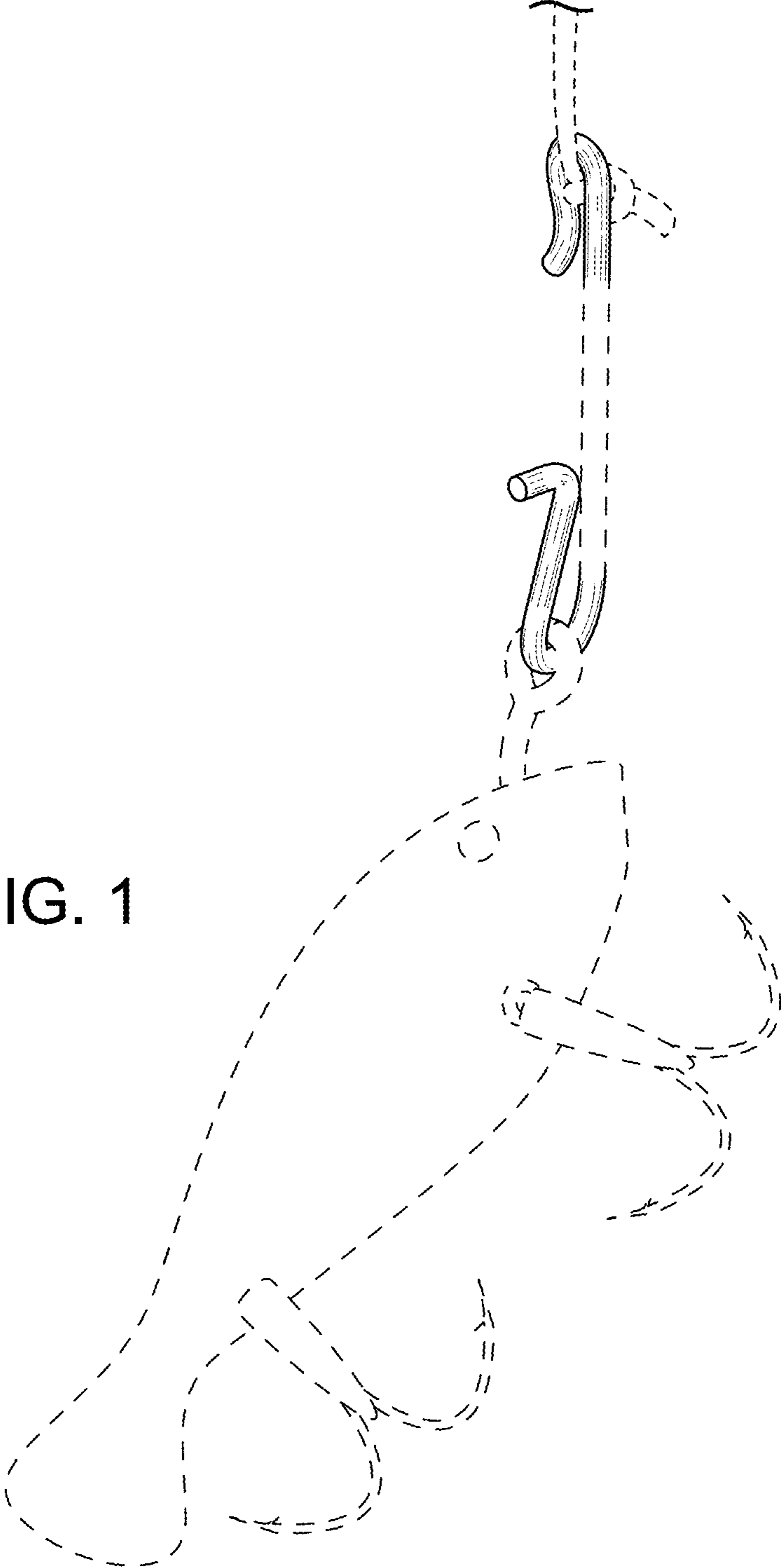




FIG. 2

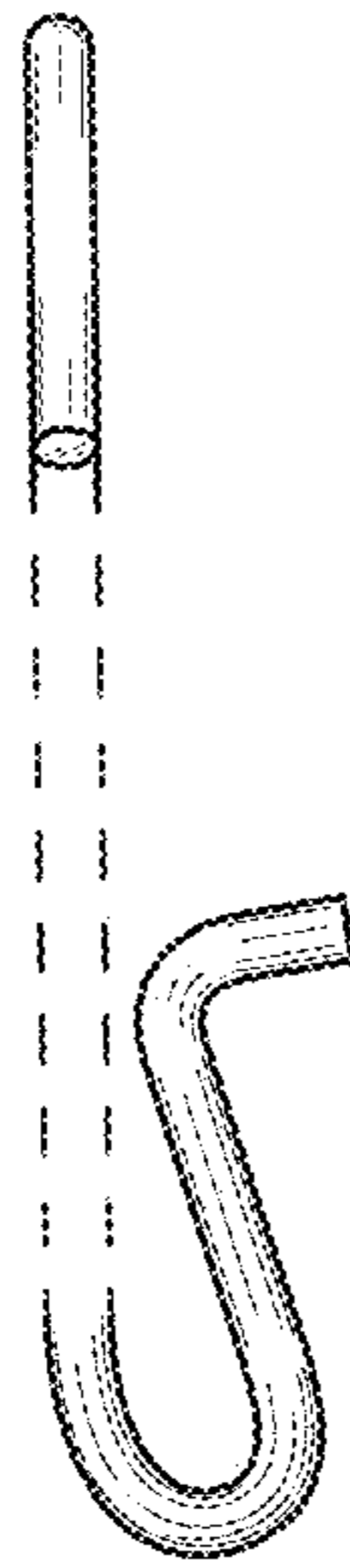


FIG. 3

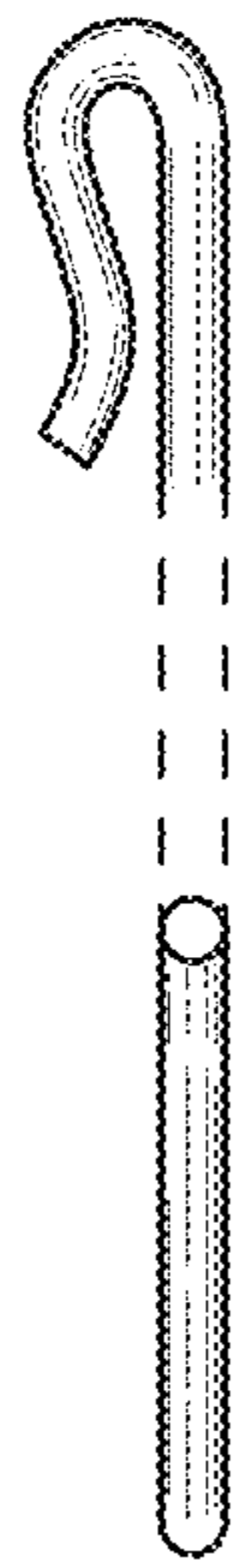


FIG. 4

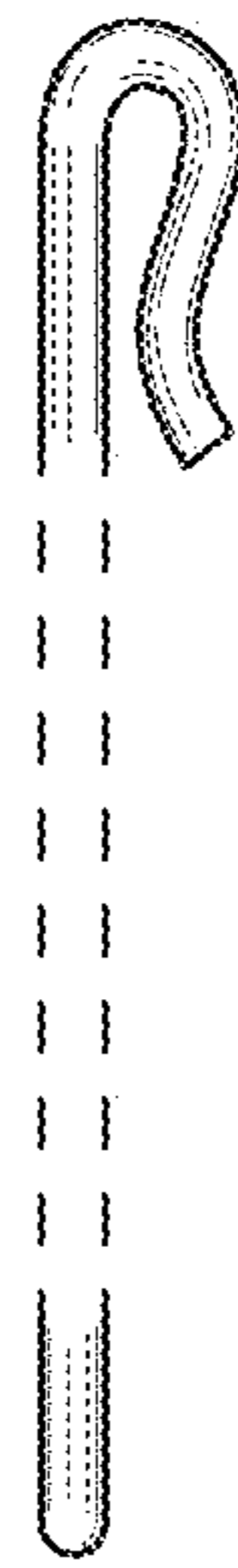


FIG. 5



FIG. 6

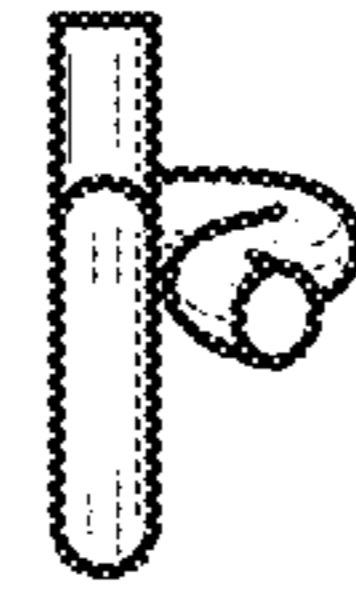


FIG. 7

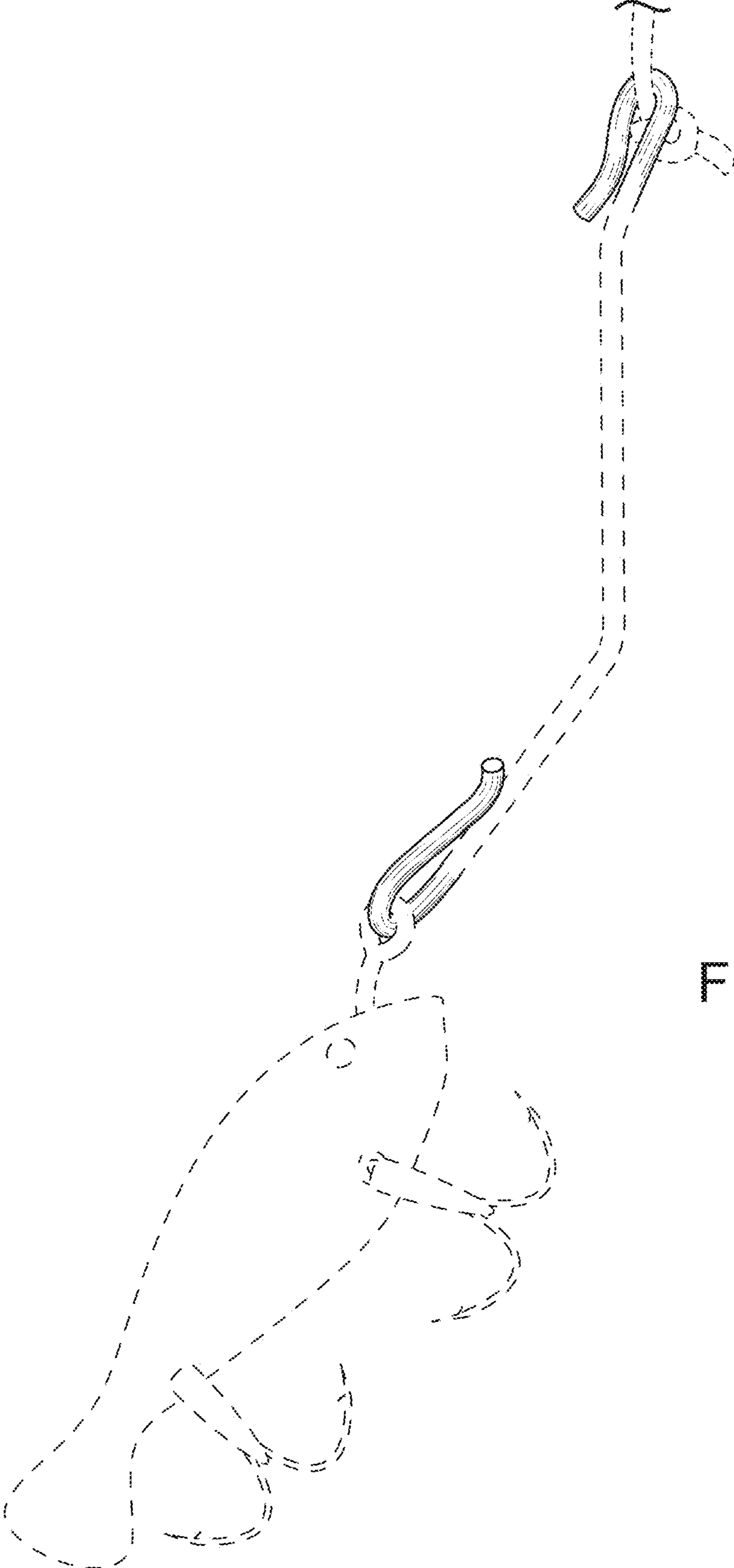


FIG. 8



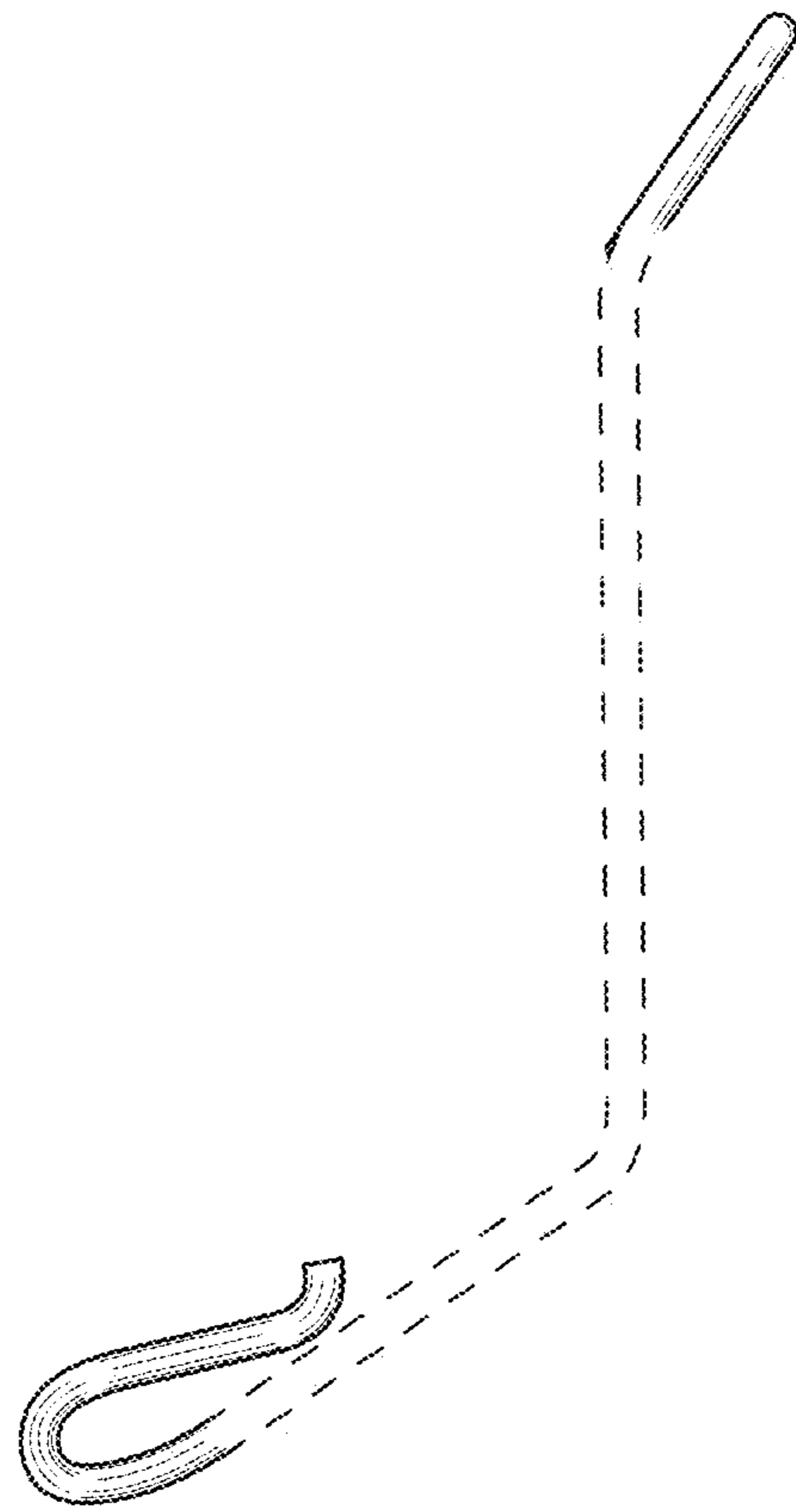


FIG. 9

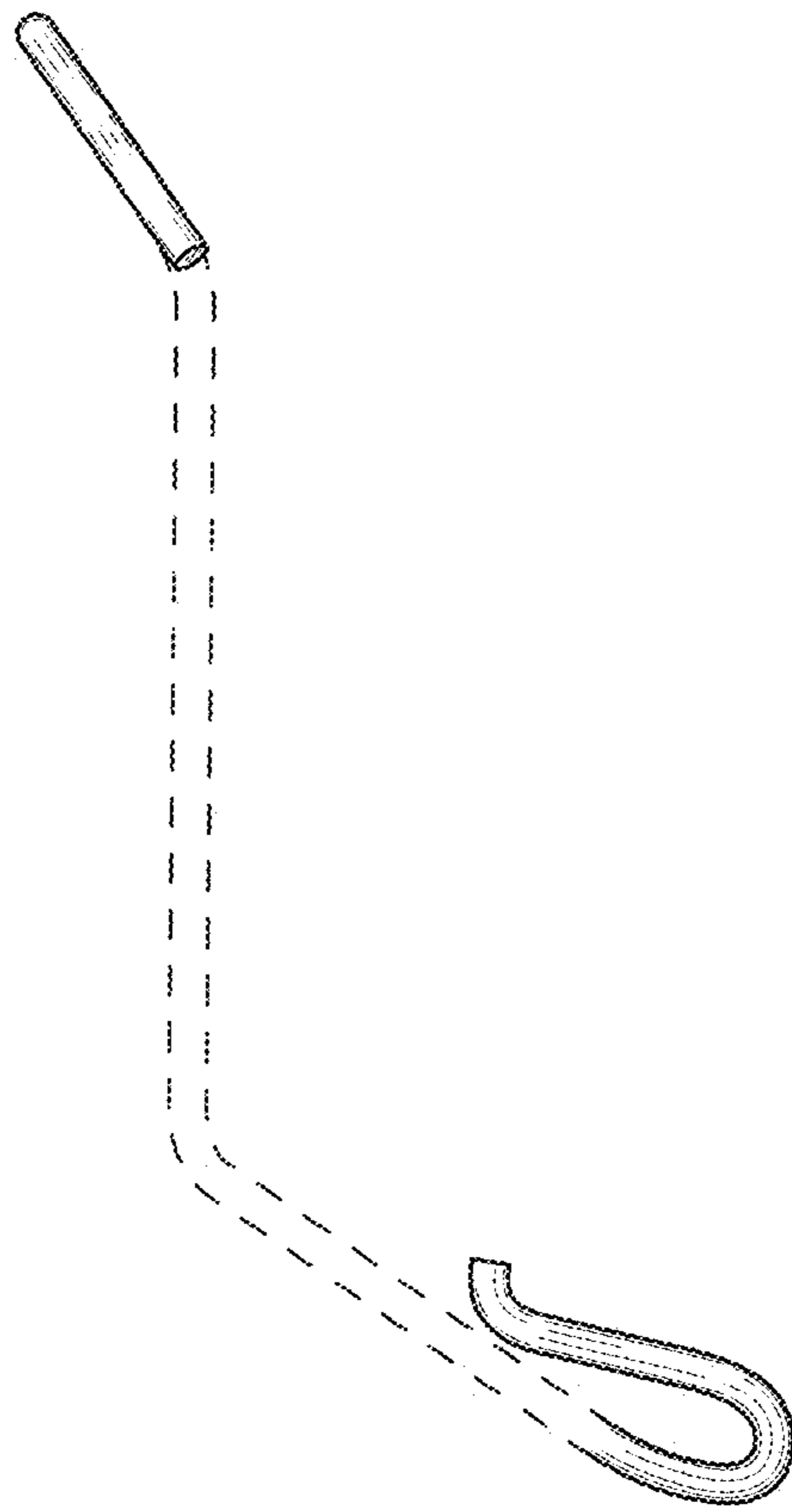


FIG. 10

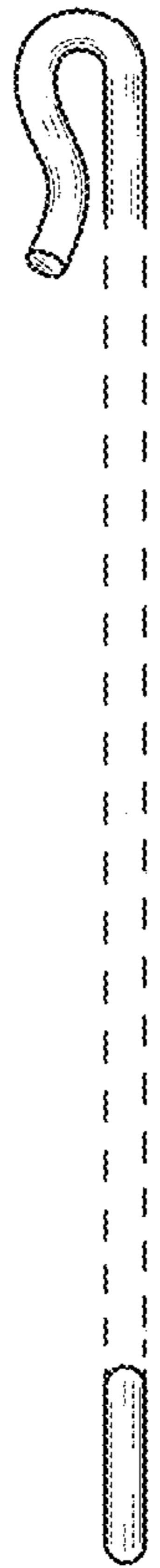


FIG. 11

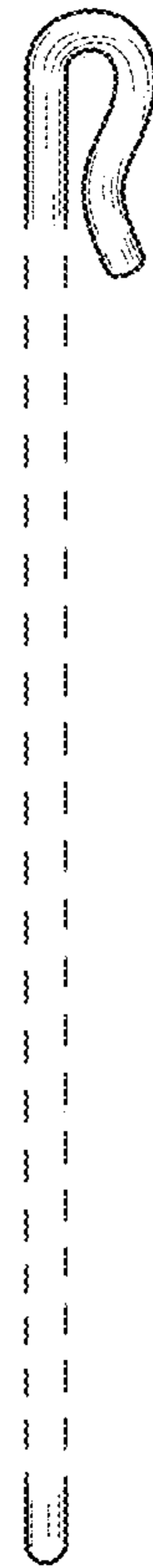


FIG. 12



FIG. 13

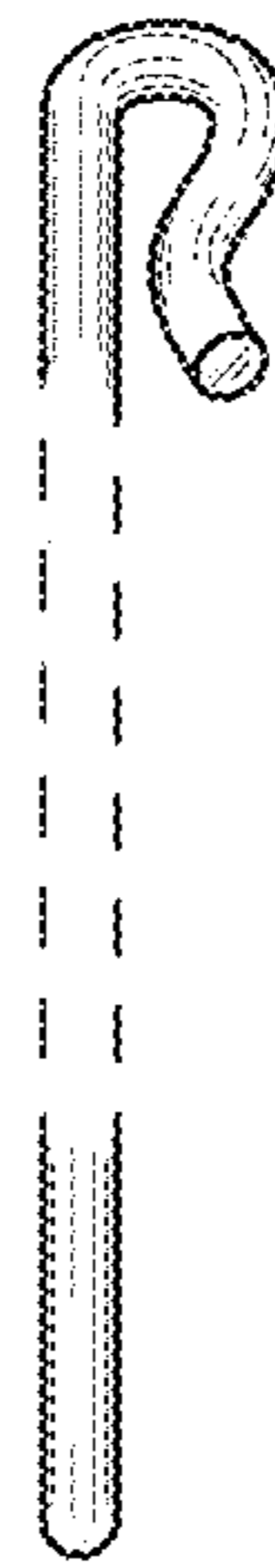


FIG. 14