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

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- (54) **POOL POLE CLAMP ASSEMBLY**
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- (**) Term: **15 Years**
- (21) Appl. No.: **29/624,313**
- (22) Filed: **Oct. 31, 2017**
- (51) **LOC (11) Cl.** **08-08**
- (52) **U.S. Cl.**
USPC **D8/395**; D8/396
- (58) **Field of Classification Search**
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D8/396
CPC . Y10T 24/1391; Y10T 24/1394; Y10T 24/44;
Y10T 24/44256; Y10T 24/44923; Y10T
29/49607; Y10T 403/7176; F41A 23/08;
A63D 15/105; F16L 3/04
See application file for complete search history.

- D430,699 S * 9/2000 Coleman, Jr. D26/138
- D510,699 S * 10/2005 Crain D10/74
- 6,962,018 B1 11/2005 King
- D513,965 S * 1/2006 Bonnell D8/354
- D515,412 S 2/2006 Waaler et al.
- D516,904 S 3/2006 Kendrink
- D538,148 S 3/2007 Dinh et al.
- 7,197,844 B2 * 4/2007 Benson F41A 23/08
248/593
- 7,229,055 B2 6/2007 Wallther
- D548,464 S * 8/2007 Lin D3/315
- D560,482 S * 1/2008 Casteel D8/395
- D560,483 S * 1/2008 Mercier D6/550
- 7,322,158 B1 * 1/2008 Sorkin E04C 5/167
52/649.8
- 7,490,797 B1 2/2009 Law
(Continued)

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(57) **CLAIM**

The ornamental design for a pool pole clamp assembly, as shown and described.

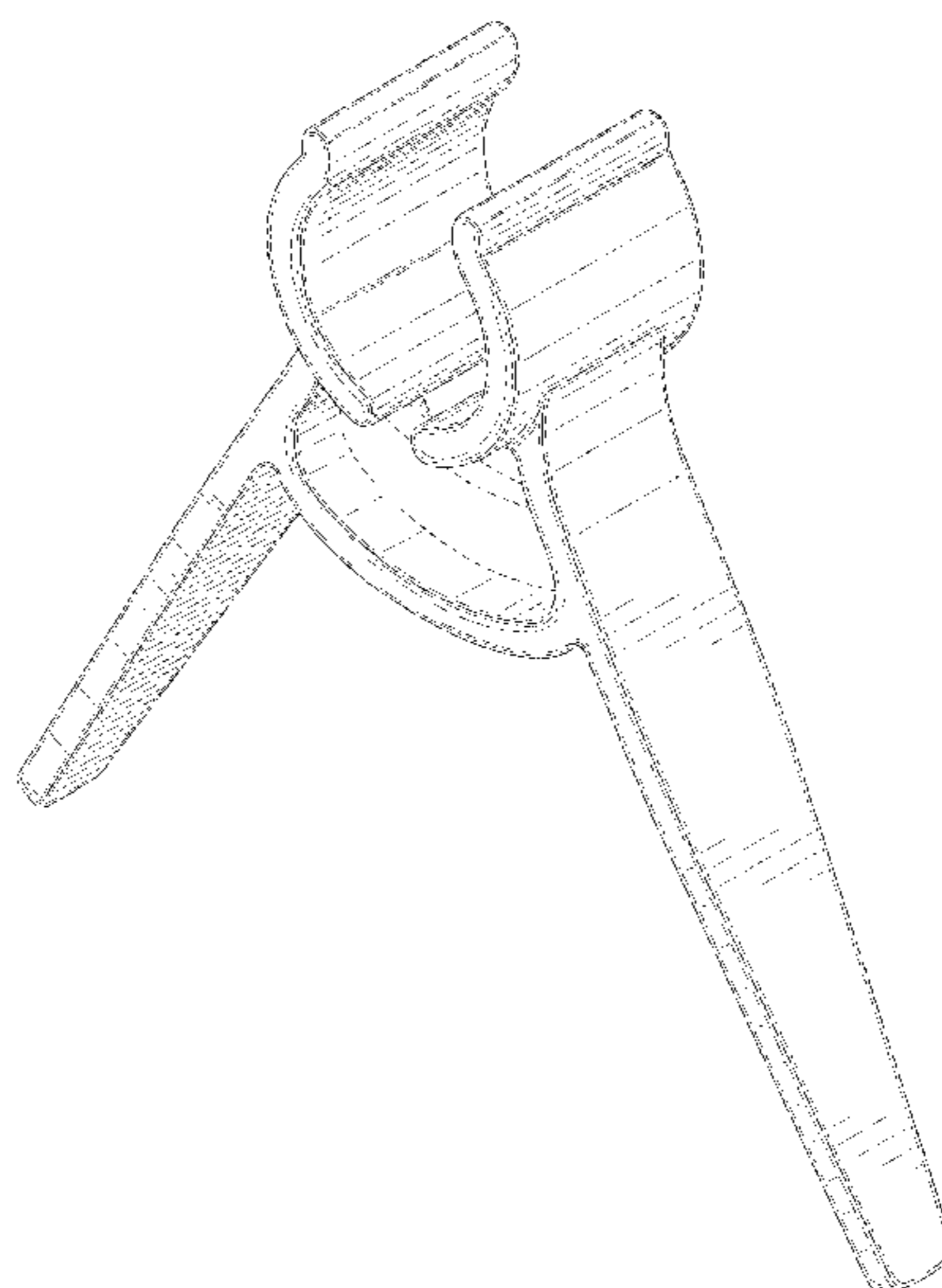
DESCRIPTION

FIG. 1 is a front perspective view of a pool pole clamp assembly showing, in particular, the ornamental design thereof.
FIG. 2 is a front view of the pool pole clamp assembly of FIG. 1.
FIG. 3 is a top plan view of the pool pole clamp assembly of FIG. 1.
FIG. 4 is a bottom view of the pool pole clamp assembly of FIG. 1; and,
FIG. 5 is a side view of the pool pole clamp assembly of FIG. 1.
The broken lines depict portions of the article that form no part of the claimed design.

1 Claim, 3 Drawing Sheets

(56) **References Cited**
U.S. PATENT DOCUMENTS

- 3,471,987 A * 10/1969 Yelsma E04C 5/20
52/684
- 3,564,667 A 2/1971 Parrick, III et al.
- D222,430 S * 10/1971 Millar et al. D8/373
- D239,592 S * 4/1976 Anderson et al. D8/354
- 4,078,756 A 3/1978 Cross
- 4,660,870 A 4/1987 Donley
- 4,826,215 A 5/1989 Sullivan
- D302,654 S * 8/1989 Cetrone D8/395
- 4,893,801 A 1/1990 Flinn
- 5,332,090 A * 7/1994 Tucker A63B 55/408
206/315.3
- D356,137 S * 3/1995 Hull D22/108
- 5,423,831 A 6/1995 Nates
- D360,053 S * 7/1995 Wilborn, II D28/38
- 5,863,021 A 1/1999 Nichols
- 5,898,975 A 5/1999 Hancock



(56)

References Cited

U.S. PATENT DOCUMENTS

7,490,802	B1	2/2009	Teng	
7,669,813	B2 *	3/2010	Crain	G01C 15/06 248/163.1
D660,690	S *	5/2012	Mixides	D8/396
D677,562	S *	3/2013	Kachler	D8/395
D736,065	S *	8/2015	Castellano	D8/354
9,422,957	B2	8/2016	Dinh	
D783,813	S *	4/2017	Duncan	D24/128
D819,159	S *	5/2018	Leis	D22/107
2003/0116683	A1 *	6/2003	Turner	F16L 3/1041 248/65

* cited by examiner

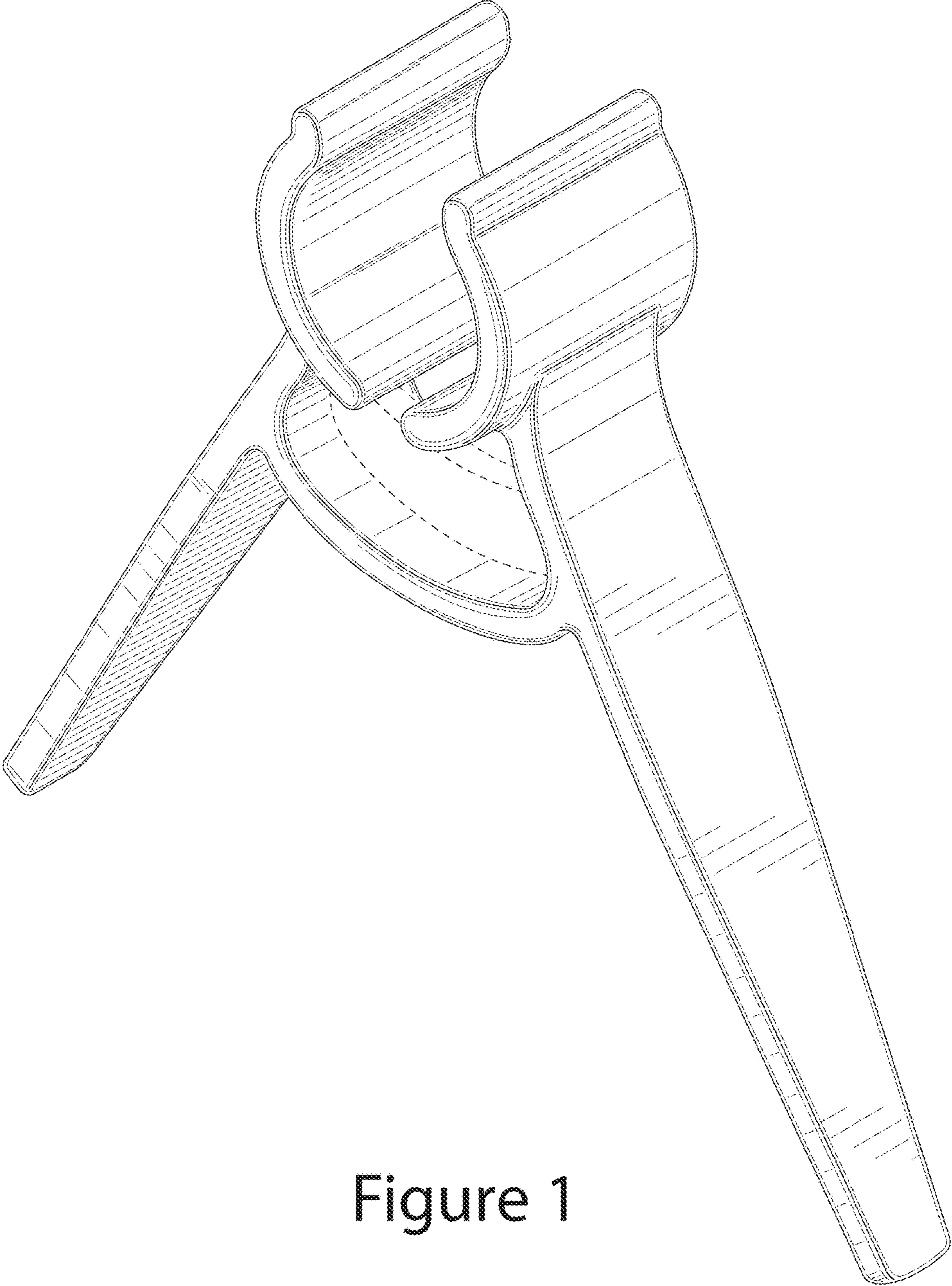


Figure 1

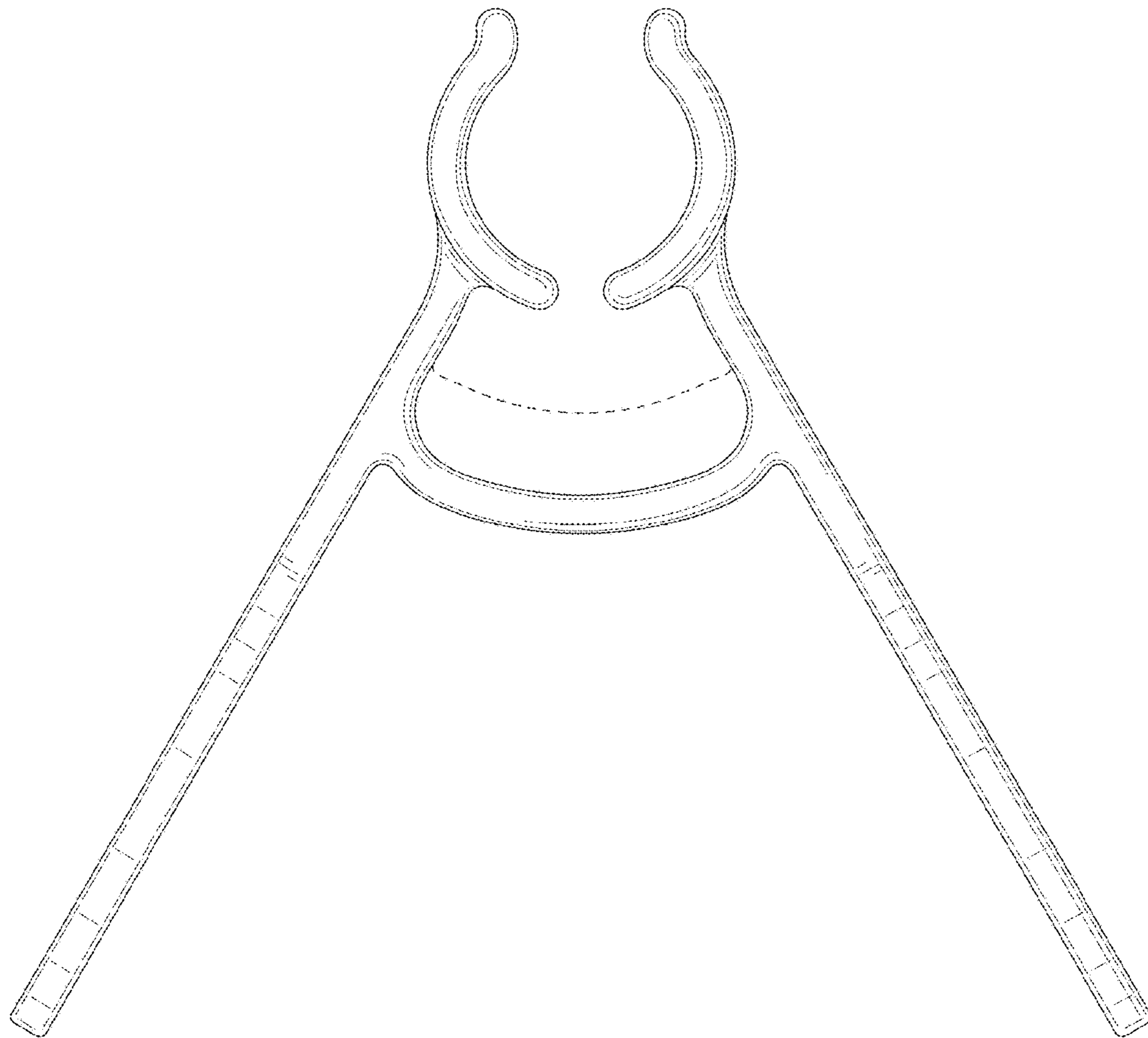


Figure 2

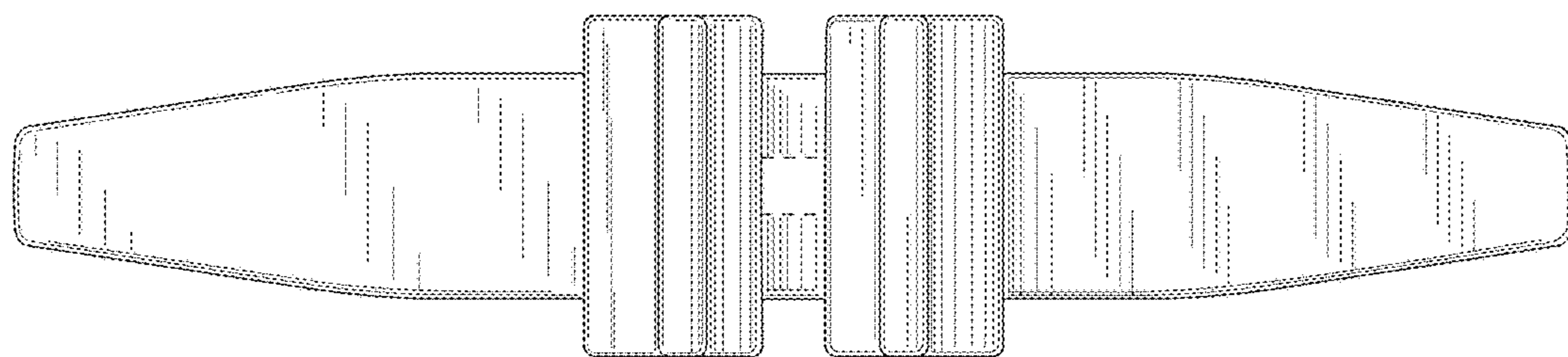


Figure 3

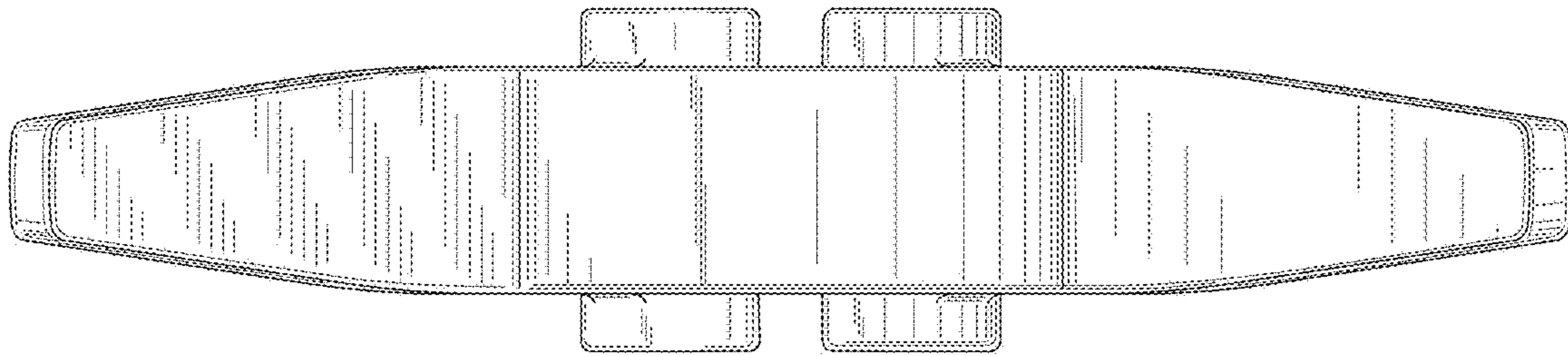


Figure 4

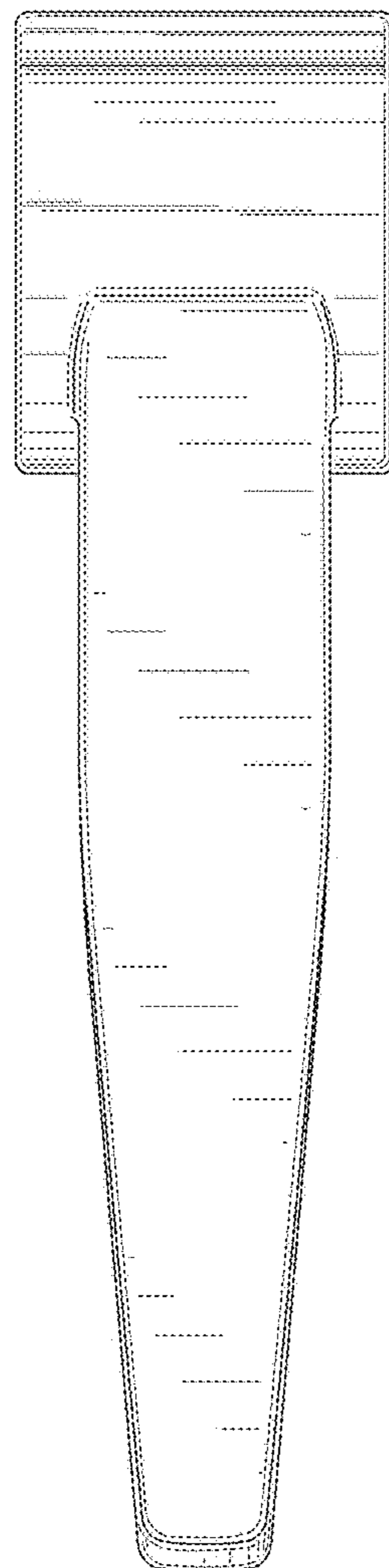


Figure 5