



US00D801150S

(12) **United States Design Patent** (10) **Patent No.:** **US D801,150 S**
Welch (45) **Date of Patent:** **** Oct. 31, 2017**

(54) **INSERTABLE AND DETACHABLE DECK ANCHOR**

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(72) Inventor: **Richard D Welch**, Maple Valley, WA (US)

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

(21) Appl. No.: **29/573,100**

(22) Filed: **Aug. 2, 2016**

(51) **LOC (10) Cl.** **08-08**

(52) **U.S. Cl.**
USPC **D8/349**

(58) **Field of Classification Search**
USPC D8/1, 387, 354, 71, 349, 370, 382, 385, D8/499
CPC . F16M 13/02; F16M 13/022; E04F 15/02044; E04F 15/02133; E04F 15/02138; E05B 73/00; E02D 2200/1671; E02D 5/805; E02D 5/80

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

457,397	A *	8/1891	Church	A63H 1/06 446/241
815,588	A *	3/1906	Hile	E02D 5/801 52/156
2,229,527	A *	1/1941	Schouman	A01G 9/122 47/47
2,265,629	A	12/1941	Christiansen		
2,622,543	A	12/1952	Rousseau		
2,688,289	A	9/1954	Sterling		
3,381,925	A	5/1968	Higuchi		
3,718,325	A	2/1973	Nystrom		

(Continued)

FOREIGN PATENT DOCUMENTS

BE 557722 3/1960

OTHER PUBLICATIONS

Jun. 8, 2016—Google Images Search; Tie-down anchor for deck and spring; http://www.discountramps.com/tie_down_rails/p/TRAK8/.

(Continued)

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(57) **CLAIM**

The ornamental design for an insertable and detachable deck anchor, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the insertable and detachable deck anchor, showing the novel insertable and detachable deck anchor design.

FIG. 2 is a front side view, taken looking at the front of the insertable and detachable deck anchor design.

FIG. 3 is a back side view, taken looking at the back of the insertable and detachable deck anchor design.

FIG. 4 is a left side view thereof.

FIG. 5 is a right side view thereof.

FIG. 6 is a top plan view thereof; and,

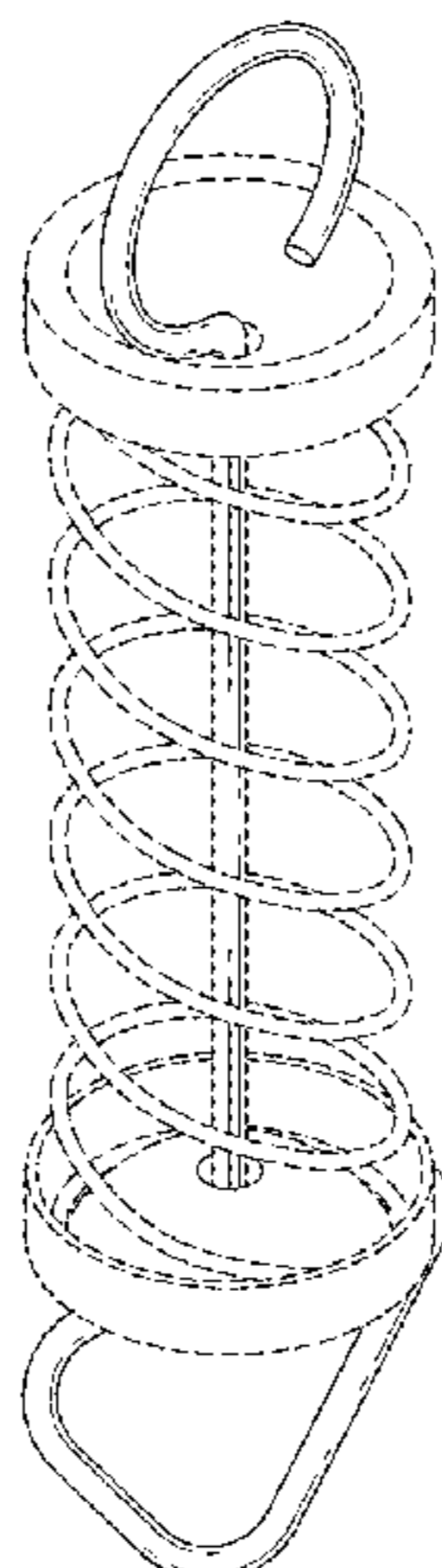
FIG. 7 is a bottom plan view thereof.

In the drawing figures, surface shading is used to clearly show the character and contour of surfaces of the 3-dimensional aspects of the design, and form a part of the design sought to be protected.

The broken lines in the drawings illustrate portions of the insertable and detachable deck anchor and form no part of the claimed design.

The characteristic feature of the design resides in the shape of the shaft assembly, including the lower anchor portion, the central longitudinal rod portion, and the upper attachment portion, of the tie-down deck anchor.

1 Claim, 1 Drawing Sheet



(56)

References Cited

U.S. PATENT DOCUMENTS

4,297,963 A * 11/1981 Beacom B63B 21/04
114/218
4,315,651 A 2/1982 Endicott, Jr. et al.
4,630,982 A 12/1986 Fenner
D321,470 S 11/1991 Gerrard
5,098,057 A * 3/1992 Gran E02D 5/801
248/156
D363,616 S * 10/1995 Allen D3/10
5,542,367 A 8/1996 DuBois, III et al.
5,662,304 A * 9/1997 McDaniel E04H 12/2223
248/499
5,733,082 A 3/1998 Schrader
D436,383 S * 1/2001 Chesler D21/404
6,647,911 B1 11/2003 Solterbeck
6,793,198 B2 9/2004 McKay
D530,188 S 10/2006 Kalat
7,390,155 B1 6/2008 Diaz et al.
D614,021 S * 4/2010 Lecours D8/385
7,827,729 B2 * 11/2010 Barnes A01K 97/10
248/530
D668,941 S * 10/2012 Taurins D8/367
D669,345 S * 10/2012 Taurins D8/367

8,561,330 B2 10/2013 Siegenthaler et al.
D715,134 S * 10/2014 Wells A01K 95/02
D8/370
D733,545 S * 7/2015 Charette D8/387
D735,563 S 8/2015 Kelley
9,127,698 B1 9/2015 Brull et al.
D752,414 S * 3/2016 Brooks D8/349
2005/0246997 A1 11/2005 Bishop
2007/0292229 A1 12/2007 Andrew et al.
2013/0047412 A1 * 2/2013 Vazquez E05B 73/00
29/525.11
2015/0047197 A1 2/2015 Deloubes
2017/0082241 A1 * 3/2017 Welch F16M 13/02

OTHER PUBLICATIONS

Jun. 8, 2016—Google Images Search; Tie-down anchor for deck and spring; https://www.amazon.com/Deck-Down-950430-Discontinued-Manufacturer/dp/B00Q81ZR5Q?ie=UTF8&*Version*=1&*entries*=0.
Jun. 8, 2016—Google Images Search; Tie-down anchor for deck and spring; <http://www.marshallshardware.com/products/product.aspx?pid=2-561-1039-19781>.

* cited by examiner

FIG. 1

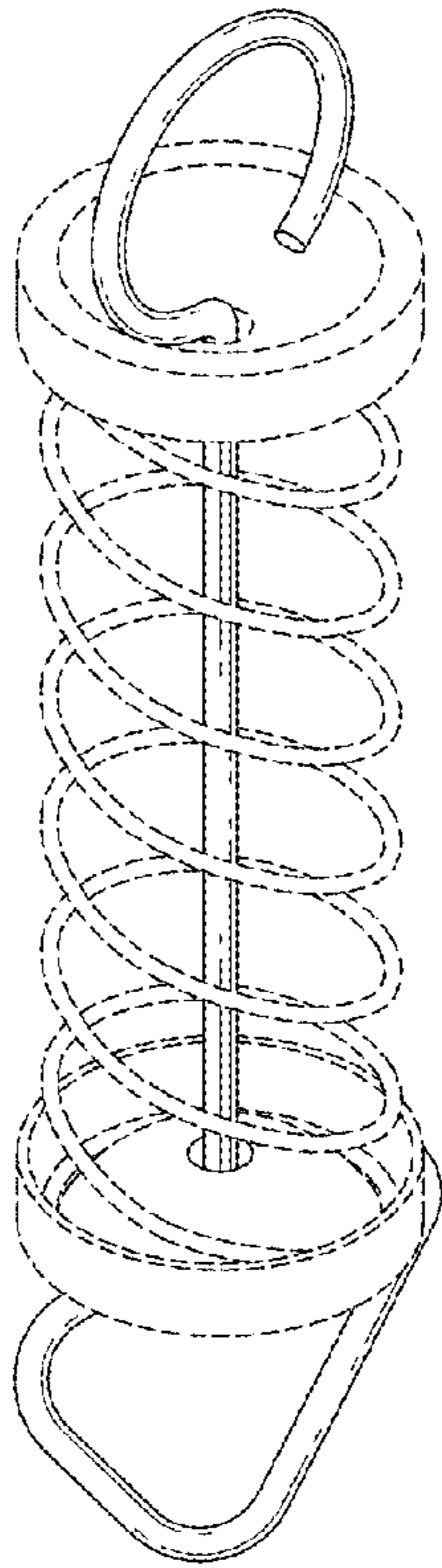


FIG. 2

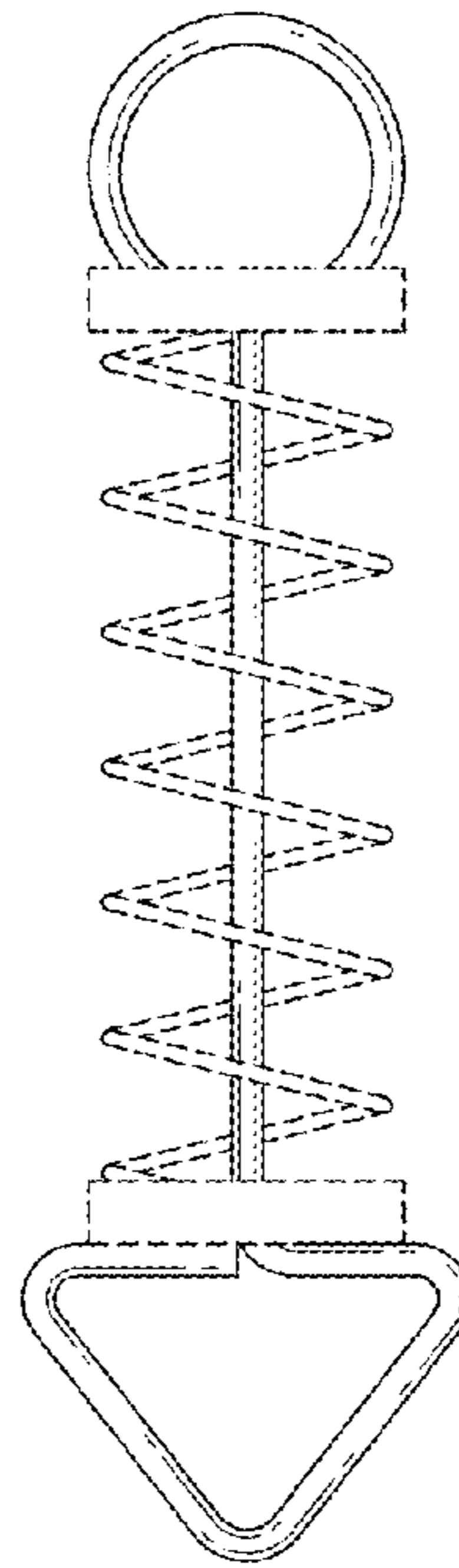


FIG. 3

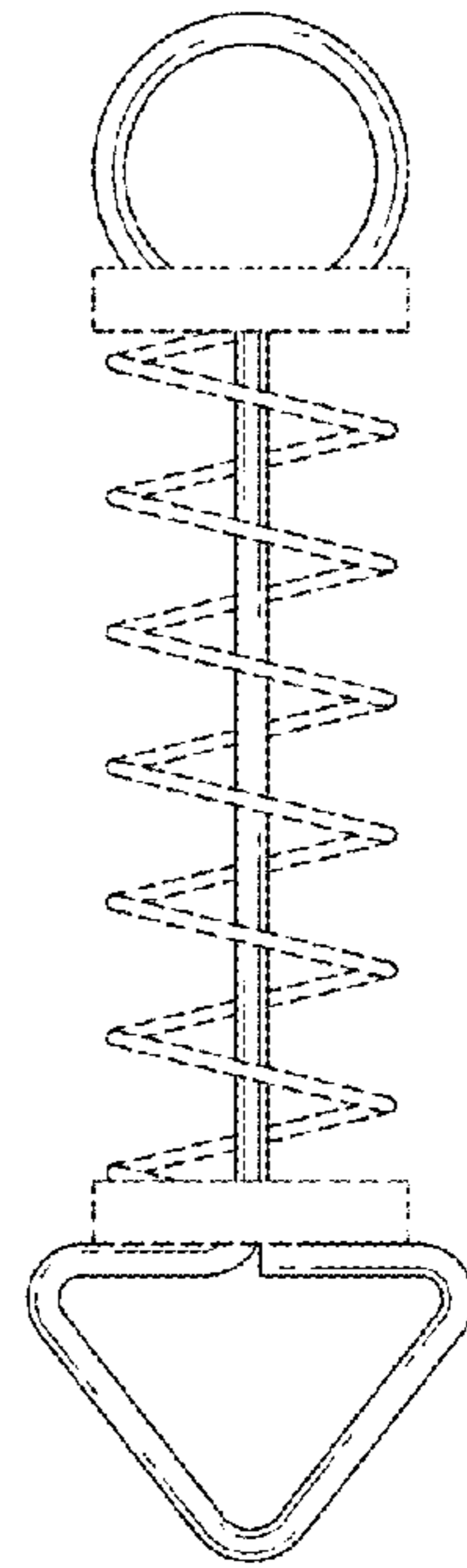


FIG. 4

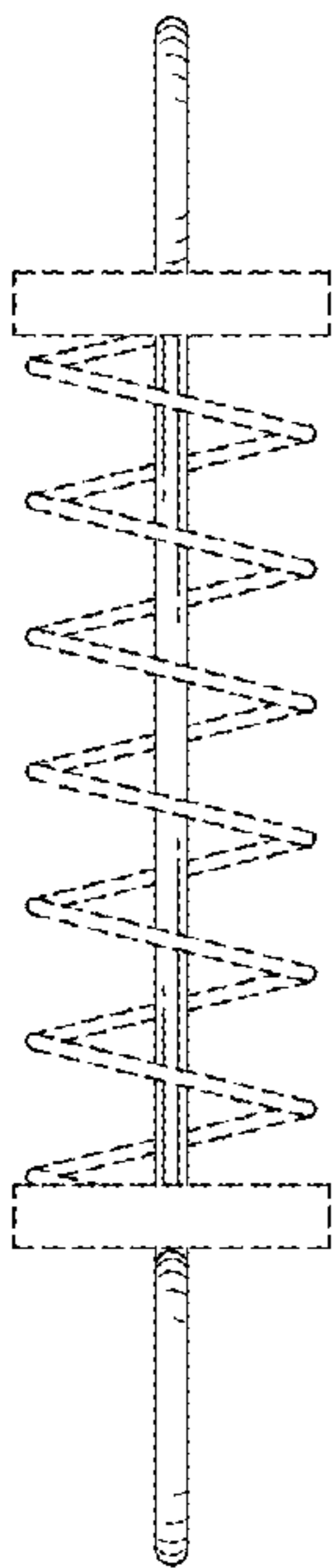


FIG. 5

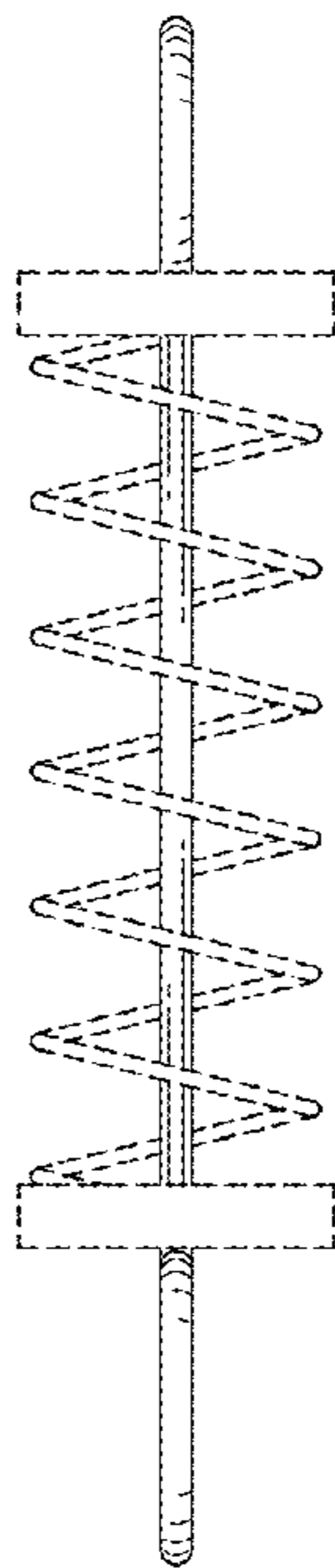


FIG. 6

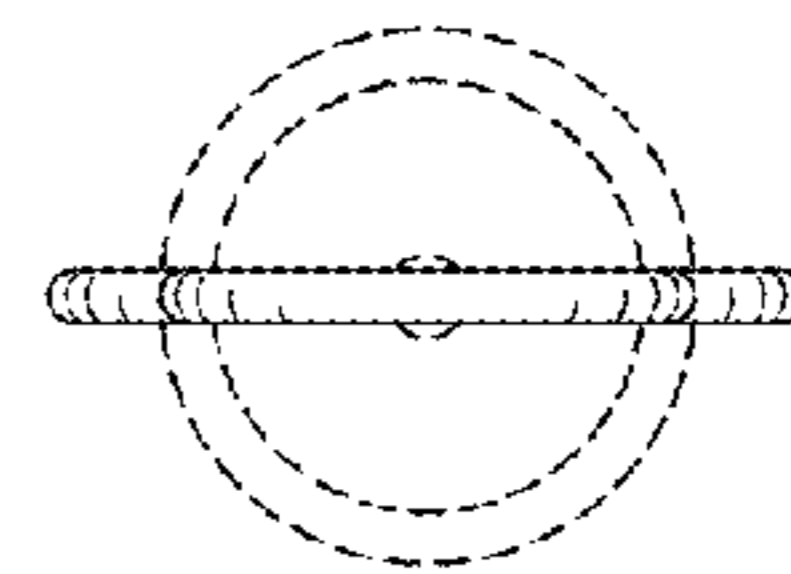


FIG. 7

