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

(10) **Patent No.:** **US D530,188 S**

(45) **Date of Patent:** **** Oct. 17, 2006**

(54) **DECK TIE DOWN SPRING**

D499,008 S * 11/2004 Chang D8/370
D499,956 S * 12/2004 Wall D8/370

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* cited by examiner

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(**) Term: **14 Years**

(57) **CLAIM**

The deck tie down spring, as shown and described.

(21) Appl. No.: **29/196,219**

DESCRIPTION

(22) Filed: **Dec. 23, 2003**

(51) **LOC (8) Cl.** **08-05**

(52) **U.S. Cl.** **D8/370**

(58) **Field of Classification Search** D8/367,
D8/370, 349, 356; 248/499; 410/110, 106
See application file for complete search history.

FIG. 1 is a front view of the deck tie down spring showing my new design;

FIG. 2 is a rear view of the deck tie down spring of FIG. 1;
FIG. 3 is a top plan view of the deck tie down spring of FIG. 1;

FIG. 4 is a bottom plan view of the deck tie down spring of FIG. 1;

FIG. 5 is a left side view of the deck tie down spring of FIG. 1;

FIG. 6 is a right side view of the deck tie down spring of FIG. 1; and,

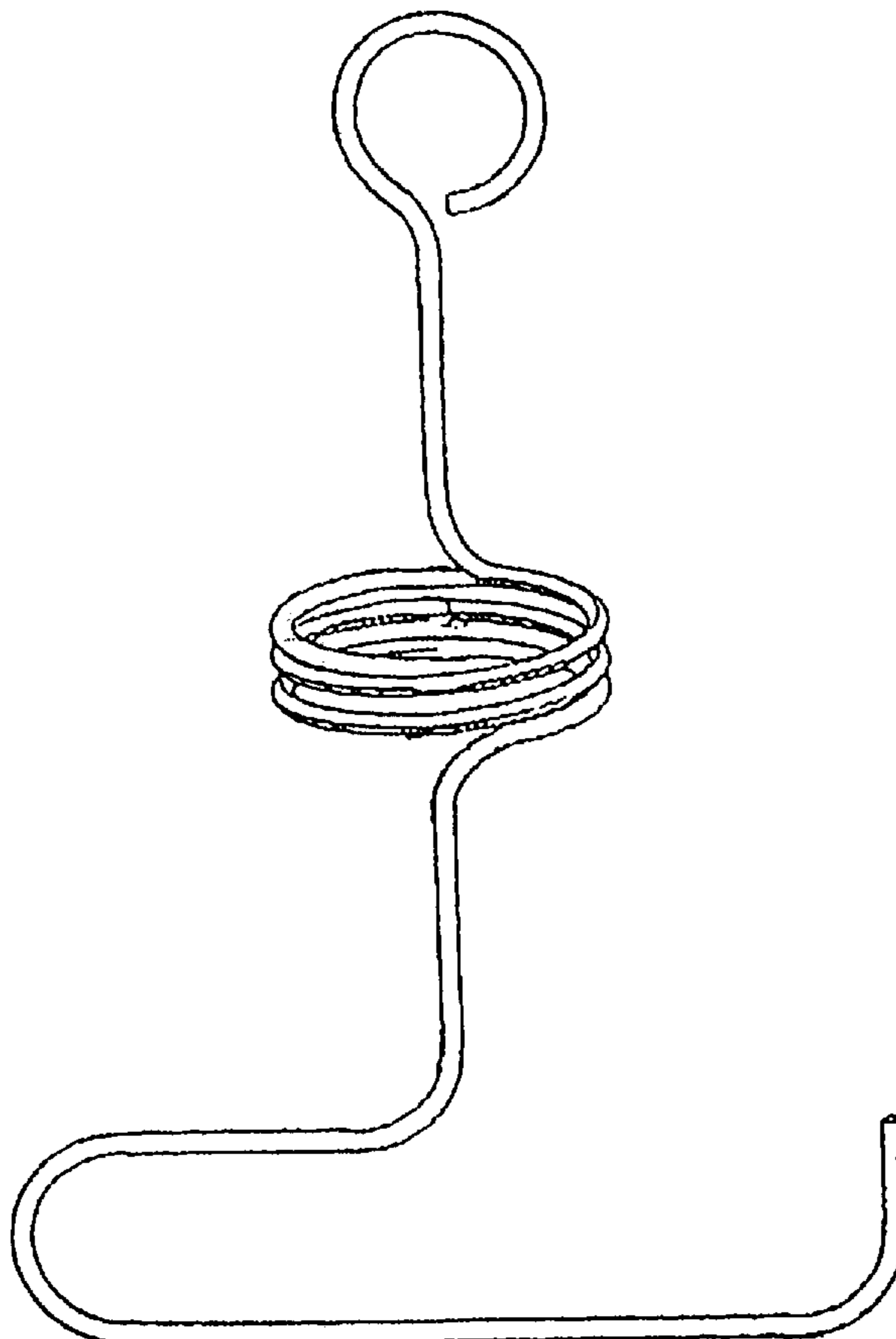
FIG. 7 is a perspective view of the deck tie down spring of FIG. 1.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,648,765	A	*	3/1987	Kovaleski et al.	.....	410/110
D312,035	S	*	11/1990	Carlson	.....	D8/370
D312,037	S	*	11/1990	Carlson	.....	D8/370
D421,712	S	*	3/2000	Brown et al.	.....	D8/370
D464,560	S	*	10/2002	Kalat	.....	D8/370
D481,296	S	*	10/2003	Chen	.....	D8/367

1 Claim, 3 Drawing Sheets



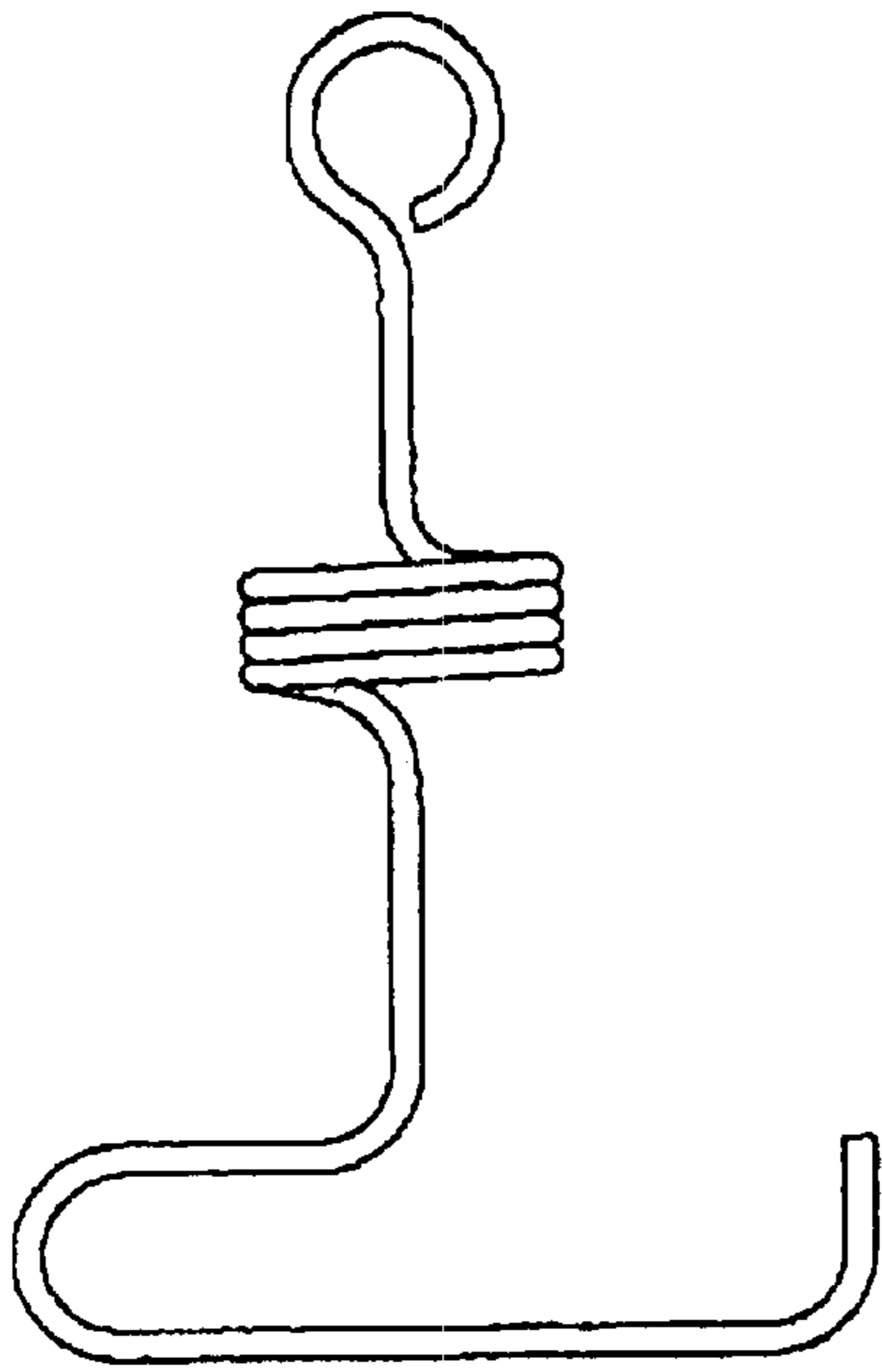


Figure 1

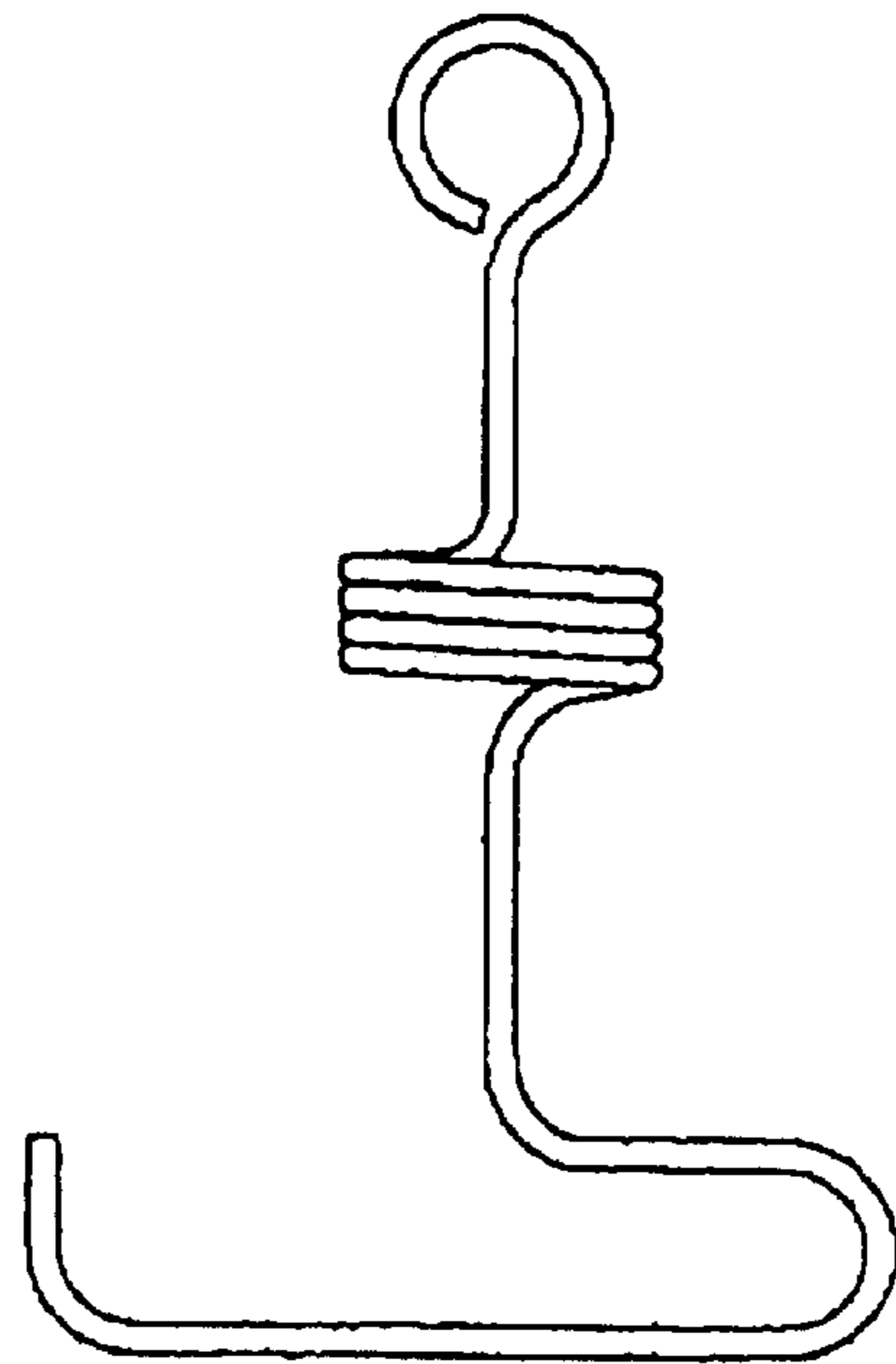


Figure 2

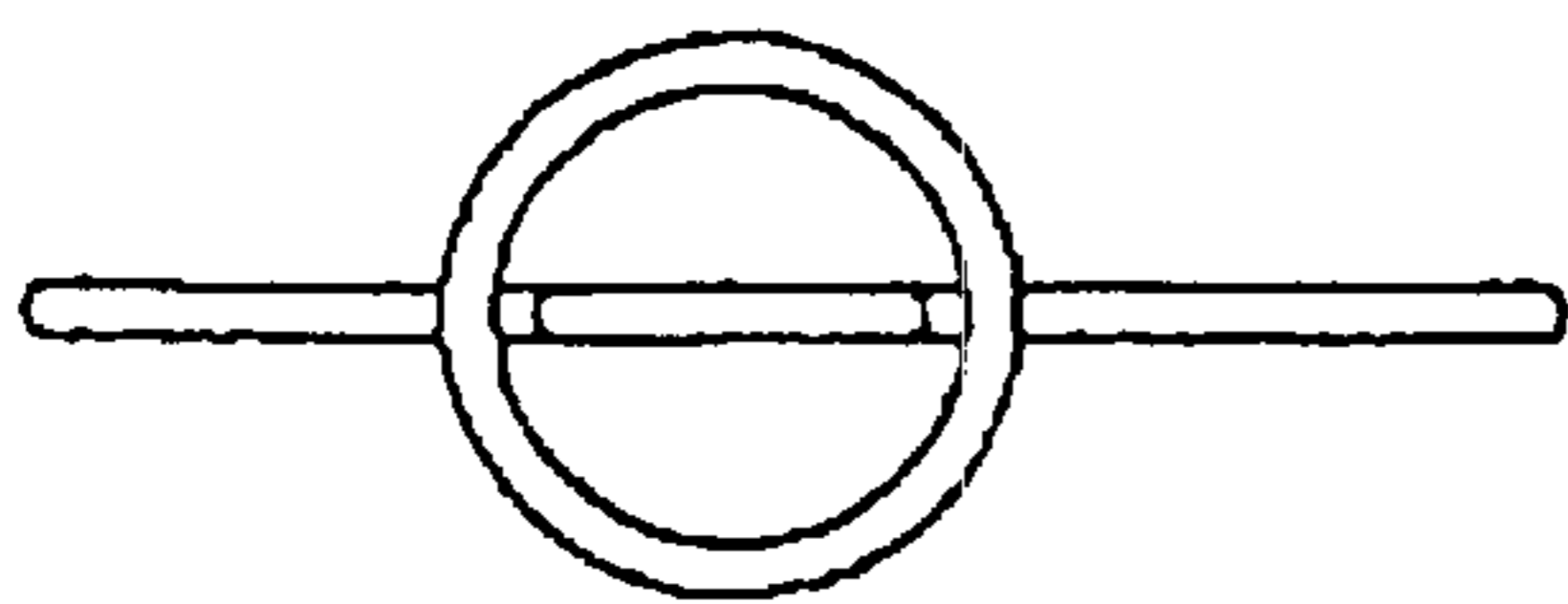


Figure 3

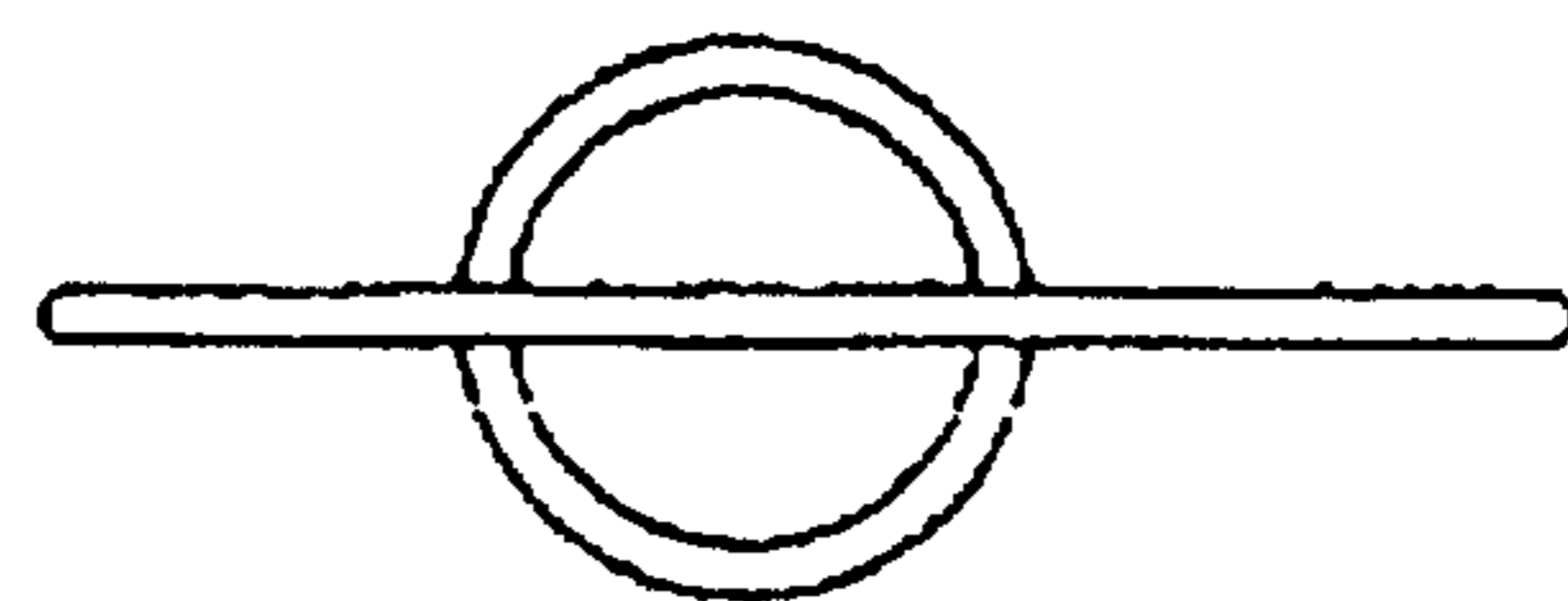


Figure 4

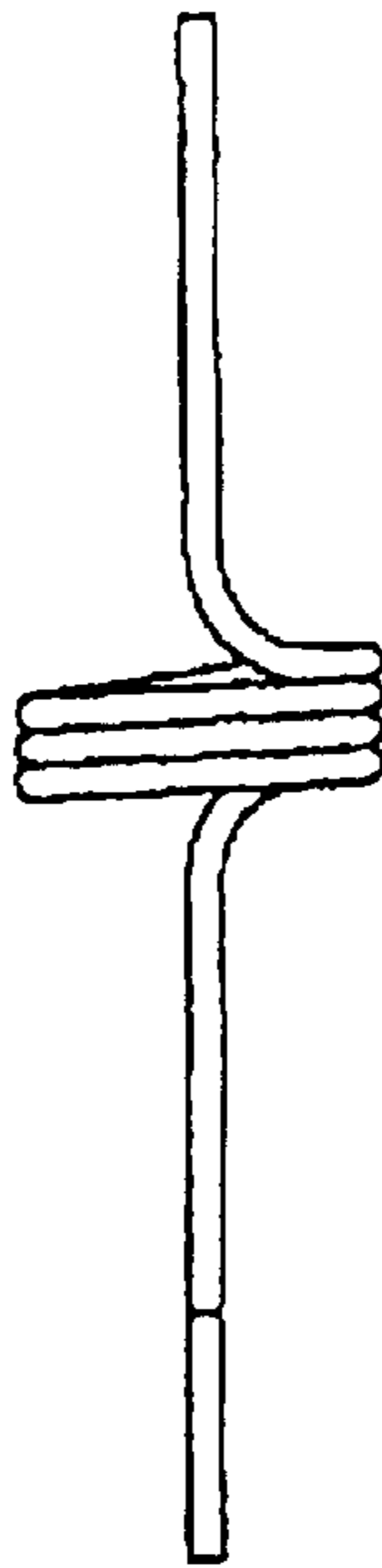


Figure 5

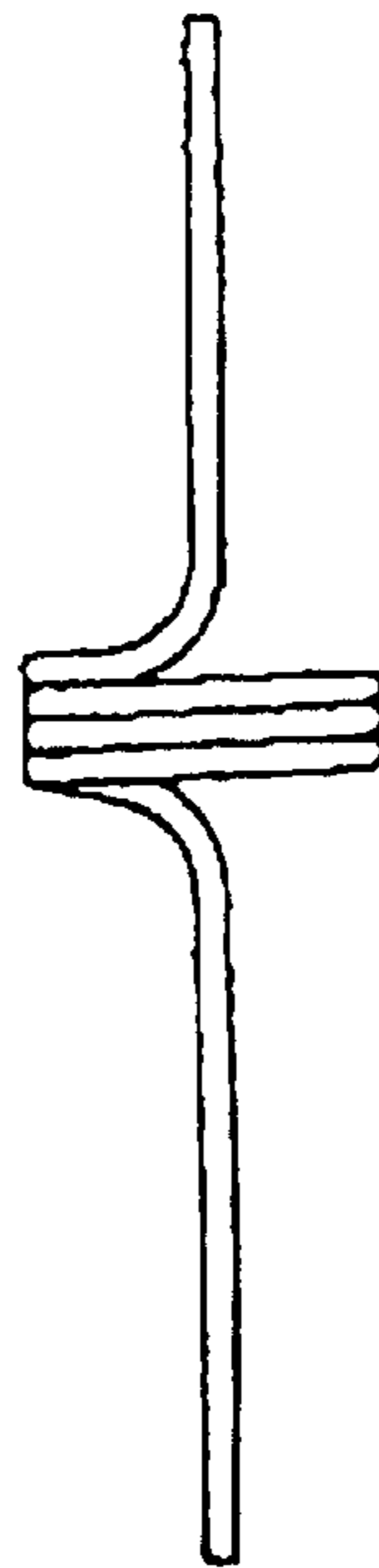


Figure 6

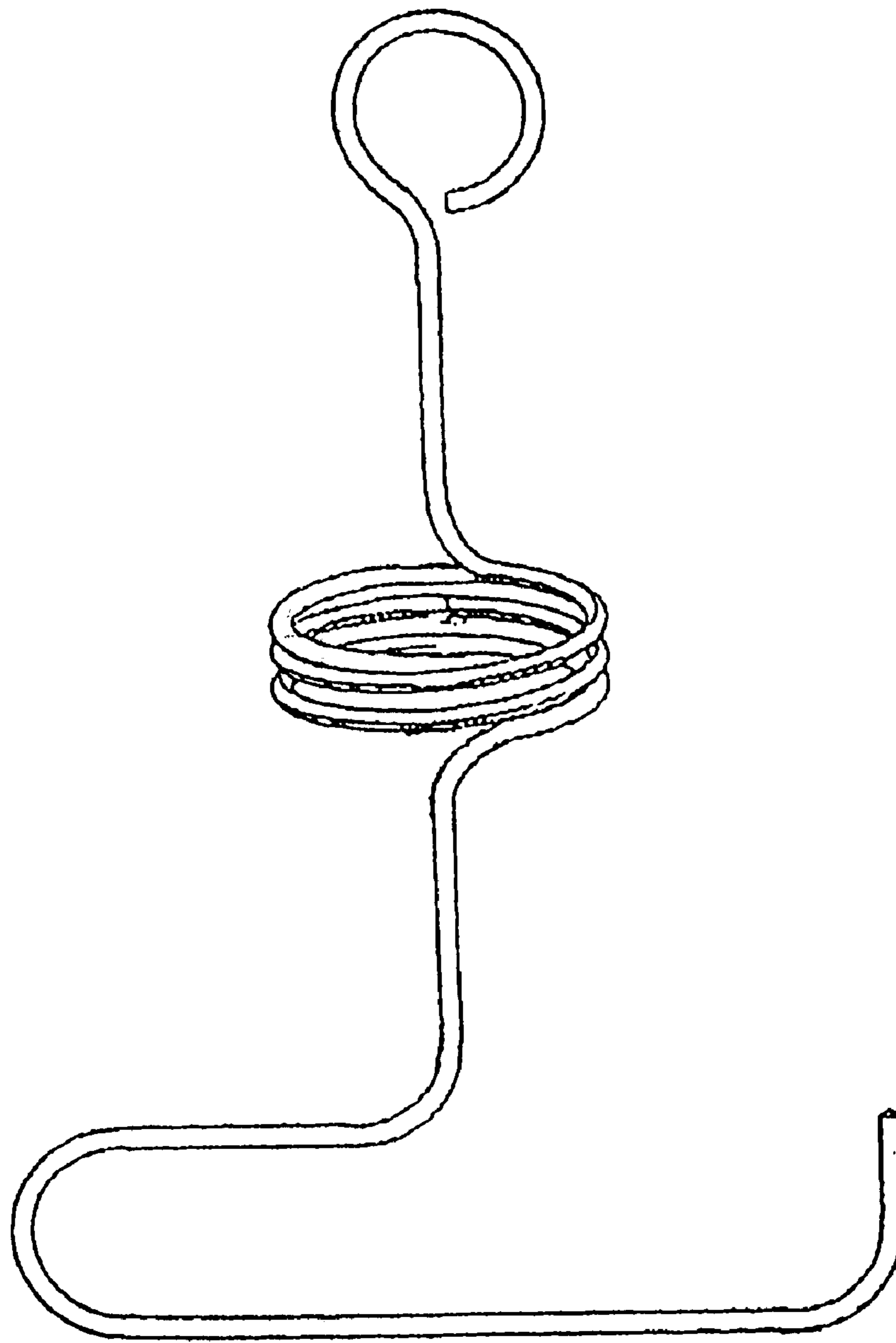


Figure 7