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(12) **United States Design Patent**  
**Teranishi et al.**

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(54) <b>PROBE PIN</b>	8,033,872 B2 * 10/2011 Yang .....	H01R 12/714 439/66
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	8,808,038 B2 * 8/2014 Hwang .....	G01R 1/06722 439/66

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

(21) Appl. No.: **29/573,446**

(22) Filed: **Aug. 5, 2016**

(30) **Foreign Application Priority Data**

Feb. 15, 2016 (JP) ..... 2016-003164

(51) **LOC (10) Cl.** ..... **10-04**

(52) **U.S. Cl.**  
USPC ..... **D10/78**

(58) **Field of Classification Search**  
USPC ..... D10/78, 80  
CPC ..... G01R 1/067; G01R 1/06705;  
G01R 1/06711; G01R 1/06716; G01R  
1/06722; G01R 1/06727; G01R 1/06733;  
G01R 1/06738; G01R 1/06744; G01R  
1/0675; G01R 1/06766; G01R 1/06772;  
G01R 1/06777; G01R 1/06783; G01R  
1/0678

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

7,789,671 B2 *	9/2010 Hsieh .....	G01R 1/06722 439/66
7,815,440 B2 *	10/2010 Hsieh .....	H01R 13/2421 439/66

**OTHER PUBLICATIONS**

Hirotda Teranishi et al., Probe Pin, Design U.S. Appl. No. 29/573,425, filed Aug. 5, 2016, in the USPTO.  
Hirotda Teranishi et al., Probe Pin, Design U.S. Appl. No. 29/573,439, filed Aug. 5, 2016, in the USPTO.  
Hirotda Teranishi et al., Probe Pin, Design U.S. Appl. No. 29/573,441, filed Aug. 5, 2016, in the USPTO.

\* cited by examiner

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(57) **CLAIM**

The ornamental design for a probe pin, as shown.

**DESCRIPTION**

FIG. 1 is a front, top, and right side perspective view of a probe pin showing our new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a left side view thereof;  
FIG. 5 is a right side view thereof;  
FIG. 6 is a top view thereof; and,  
FIG. 7 is a bottom view thereof.

**1 Claim, 4 Drawing Sheets**

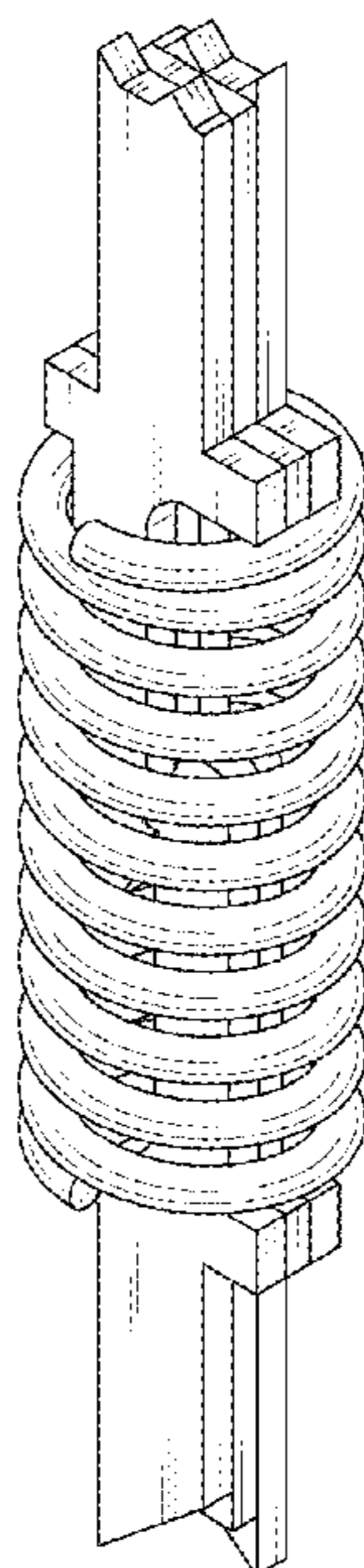


Fig. 1

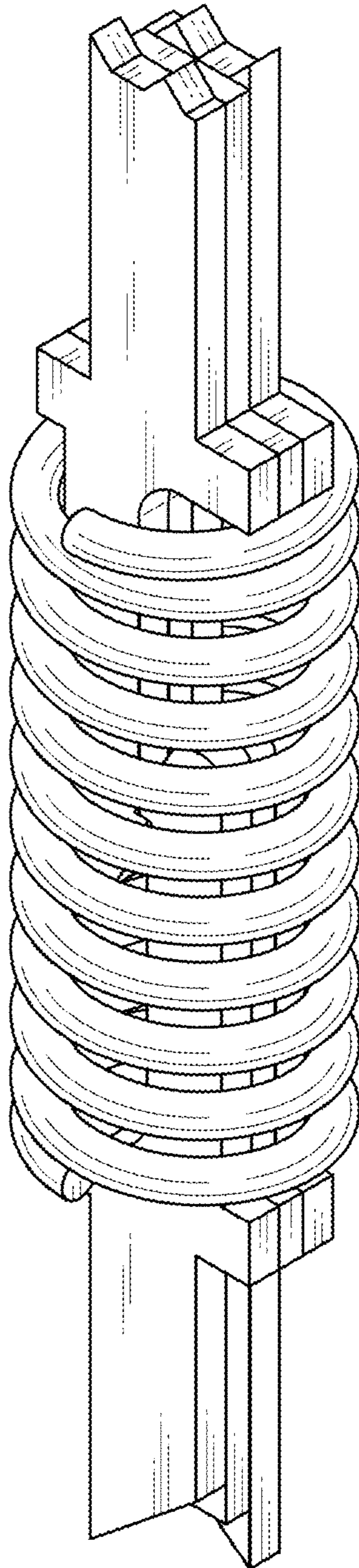


Fig. 2

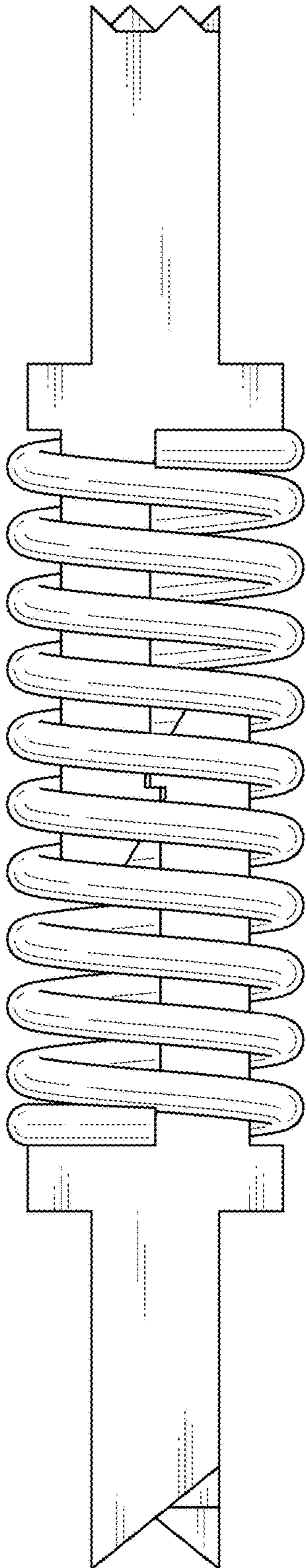


Fig. 3

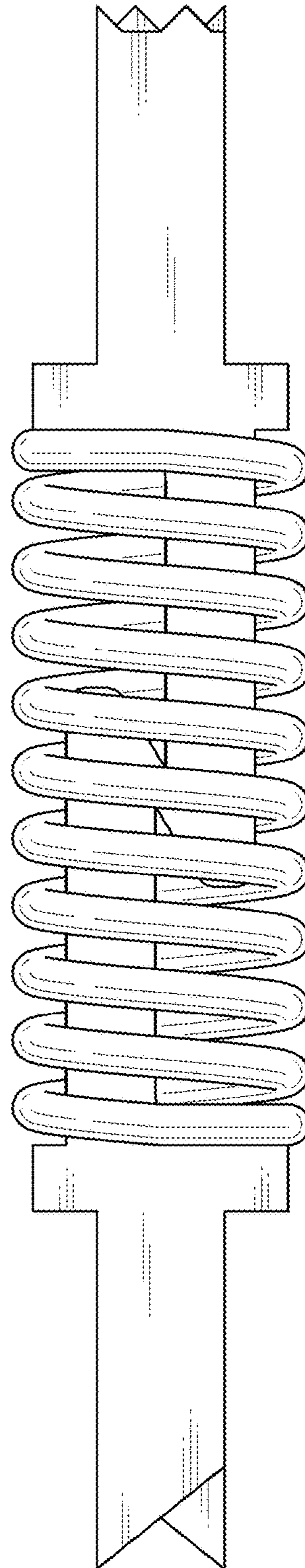


Fig. 4

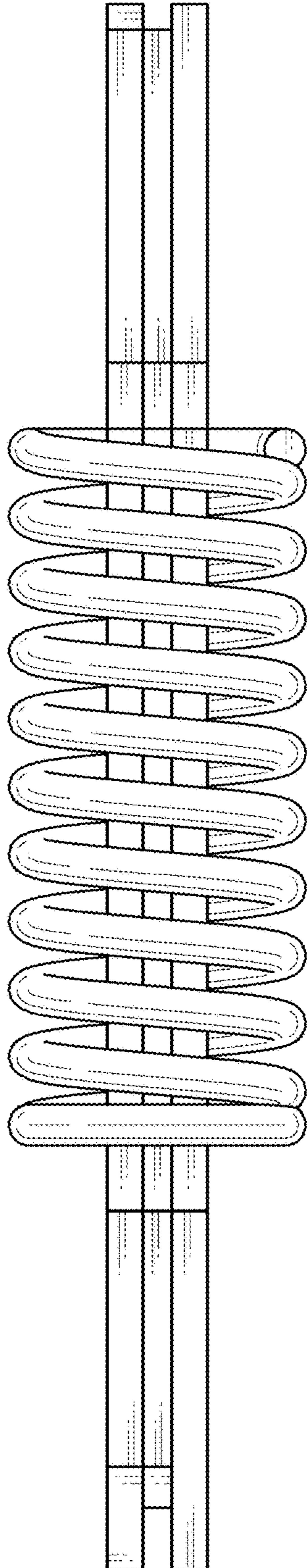


Fig. 5

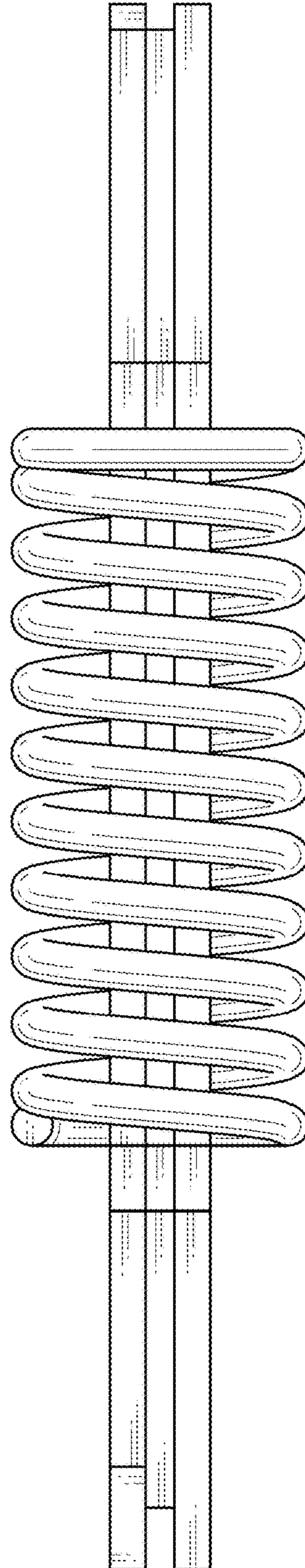


Fig. 6

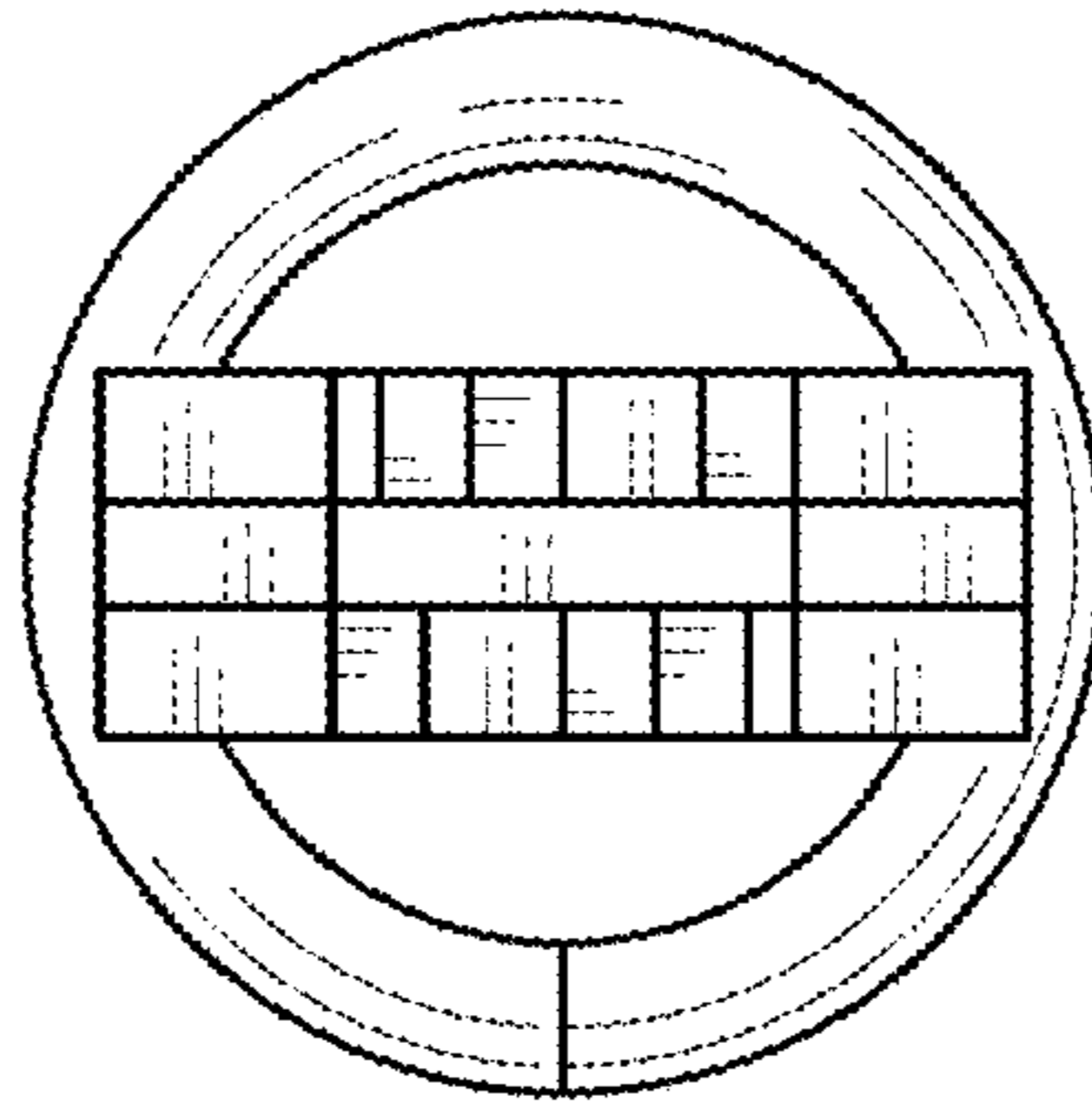


Fig. 7

