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Teranishi et al.

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(54) **PROBE PIN**

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

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

(58) **Field of Classification Search**
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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

D229,184 S *	11/1973	Brown	D10/103	
D507,197 S *	7/2005	Sun	D10/72	
D662,895 S *	7/2012	Kimura	D13/154	
D665,744 S *	8/2012	Yamauchi	D13/133	
D665,745 S *	8/2012	Yamauchi	D13/133	
8,366,496 B2 *	2/2013	Hsu	G01R 1/0466	439/66
8,460,010 B2 *	6/2013	Kimura	G01R 1/06722	439/66
8,669,774 B2 *	3/2014	Kato	G01R 1/06722	324/755.01
8,808,038 B2 *	8/2014	Hwang	G01R 1/06722	439/66
9,130,290 B2 *	9/2015	Sakai	H01R 13/2428	
D749,968 S *	2/2016	Huang	D10/77	
D750,987 S *	3/2016	Huang	D10/80	
9,322,846 B2 *	4/2016	Sakai	G01R 1/06716	

FOREIGN PATENT DOCUMENTS

JP	2011-232181 A	11/2011
TW	D157152 S	11/2013

OTHER PUBLICATIONS

Taiwanese Office Action issued in TW Appl. No. 104303166 on Oct. 27, 2015.
Taiwanese Office Action issued in TW Appl. No. 104303167 on Oct. 27, 2015.
Taiwanese Office Action issued in TW Appl. No. 104303168 on Oct. 27, 2015.
Taiwanese Office Action issued in TW Appl. No. 104303169 on Oct. 27, 2015.
U.S. Appl. No. 29/530,260, filed Jun. 15, 2015.
(Continued)

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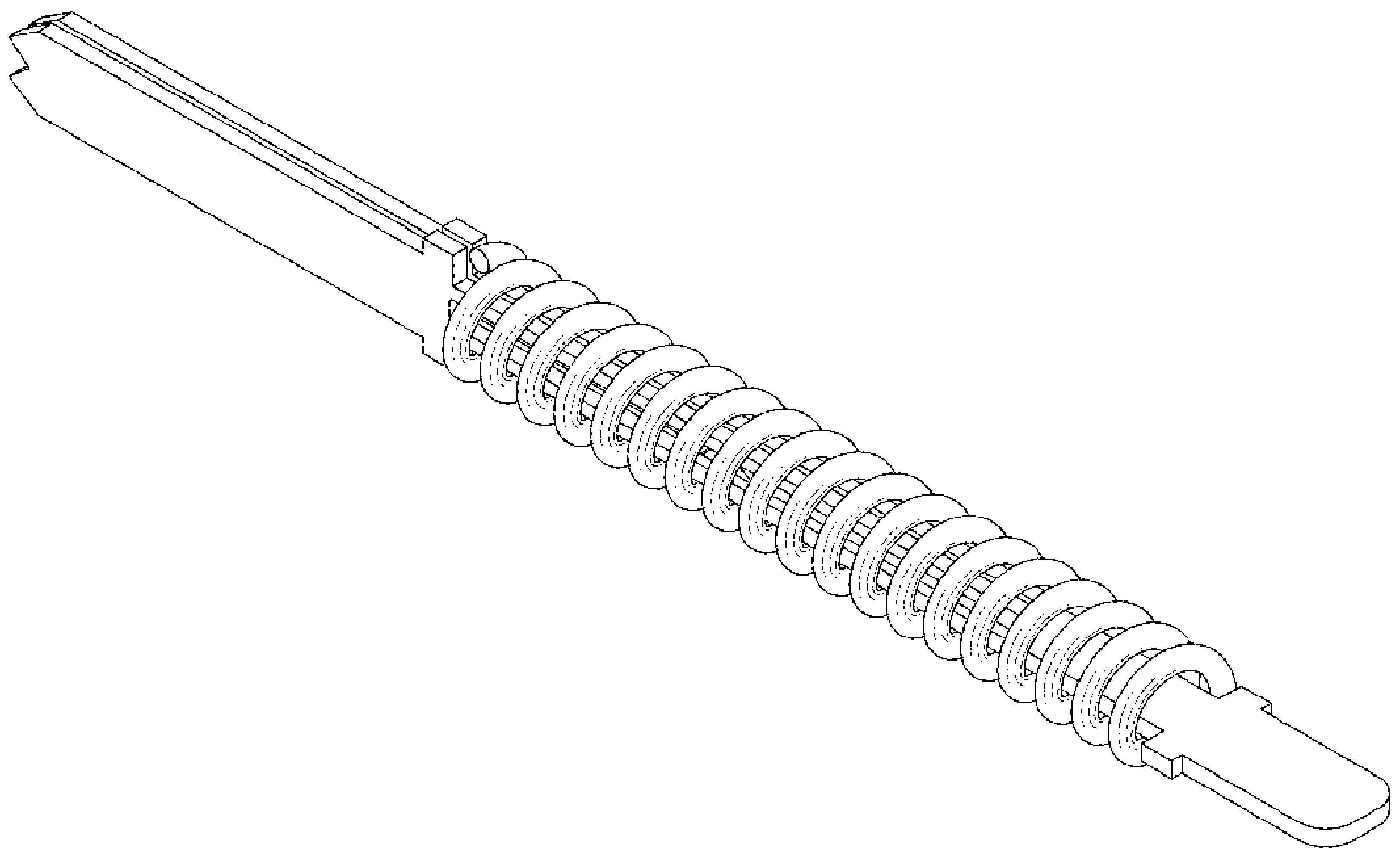
(57) **CLAIM**

The ornamental design for a probe pin, as shown and described.

DESCRIPTION

FIG. **1** is a perspective view of a probe pin;
FIG. **2** is a front elevation view thereof
FIG. **3** is a rear elevation view thereof
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.

1 Claim, 3 Drawing Sheets



(56) **References Cited**

OTHER PUBLICATIONS

U.S. Appl. No. 29/530,261, filed Jun. 15, 2015.
U.S. Appl. No. 29/530,263, filed Jun. 15, 2015.
U.S. Appl. No. 29/530,264, filed Jun. 15, 2015.
U.S. Appl. No. 29/530,265, filed Jun. 15, 2015.
U.S. Appl. No. 29/530,266, filed Jun. 15, 2015.
U.S. Appl. No. 29/530,396, filed Jun. 16, 2015.

* cited by examiner

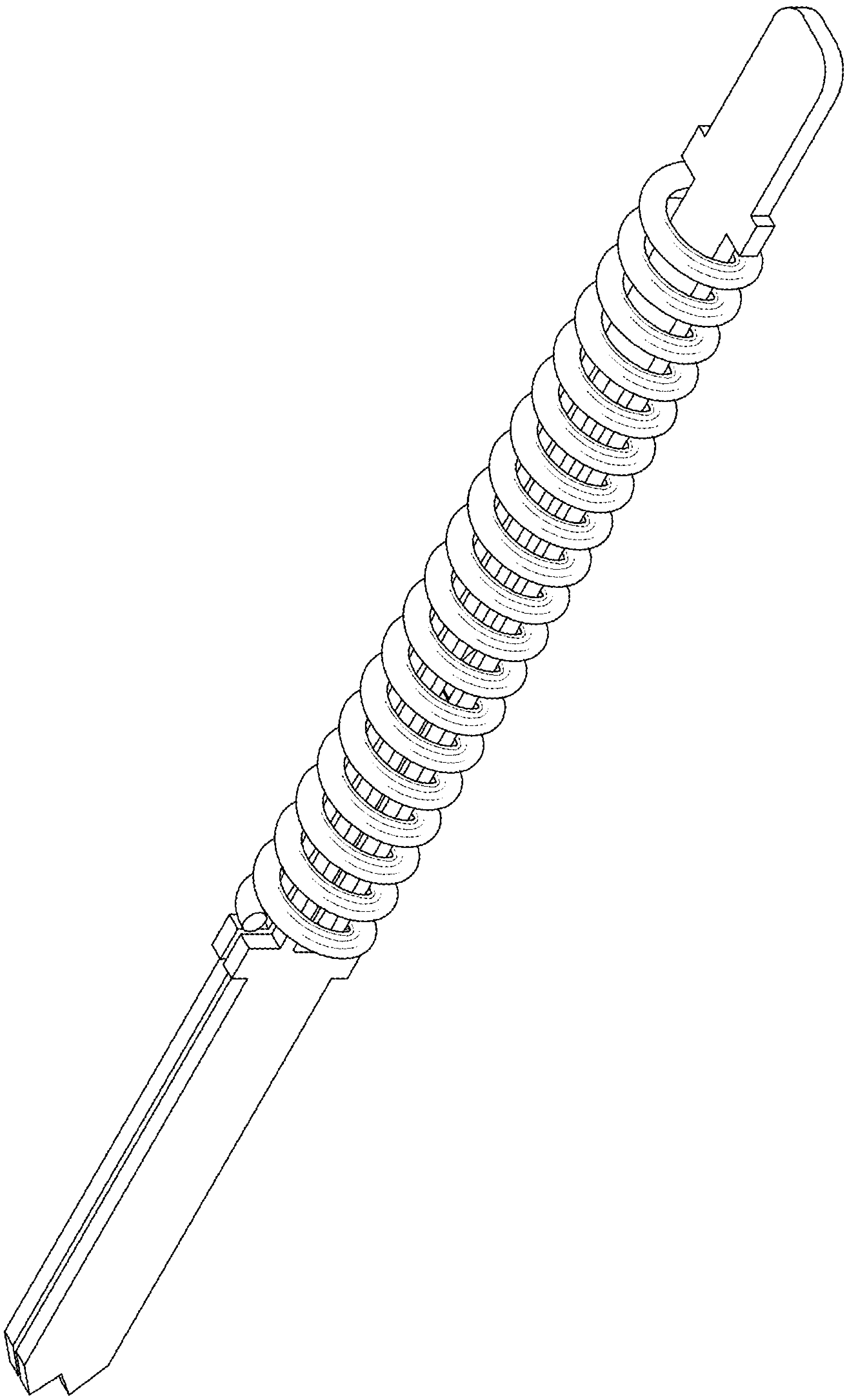


Fig. 1

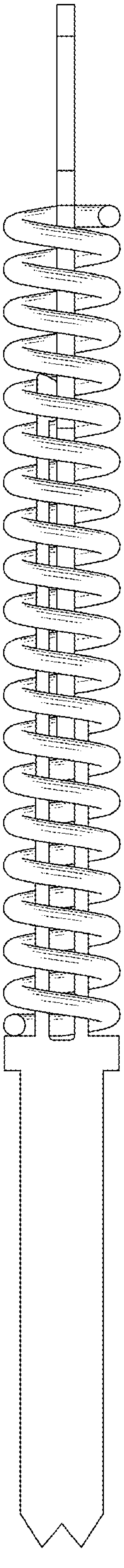


Fig. 2

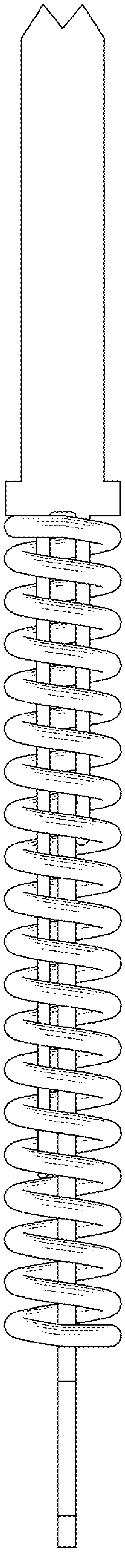


Fig. 3

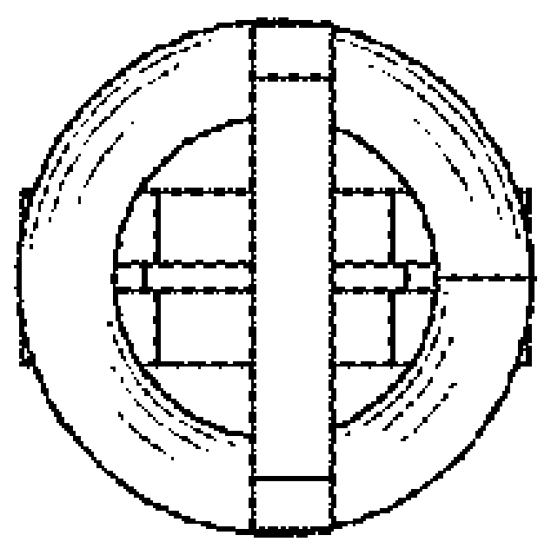


Fig. 5

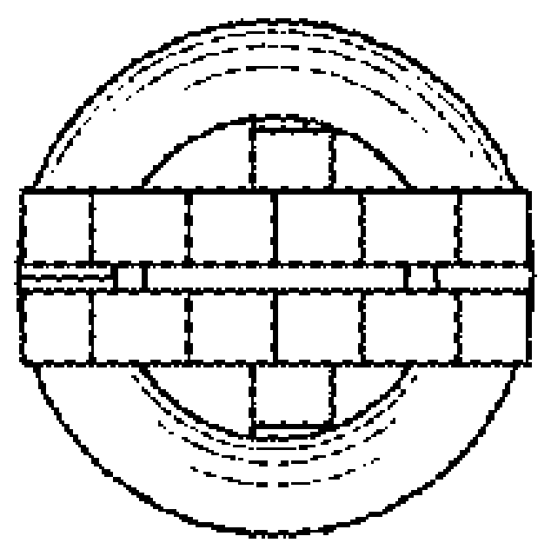


Fig. 4

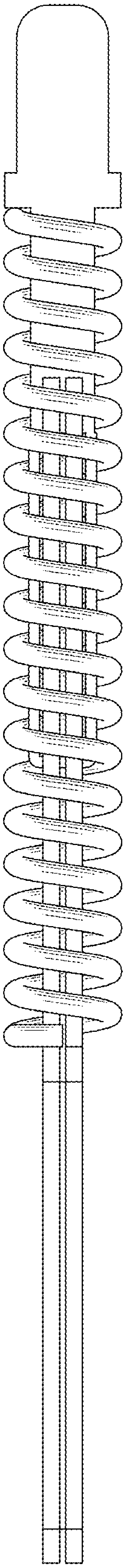


Fig. 6

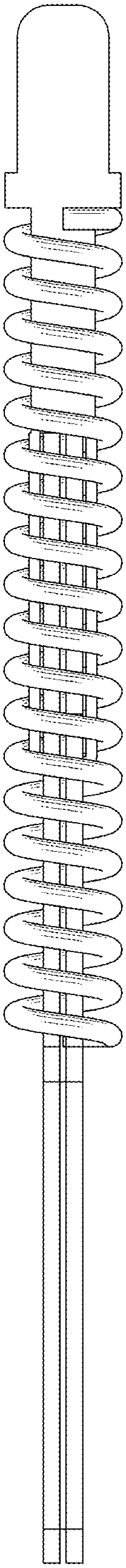


Fig. 7