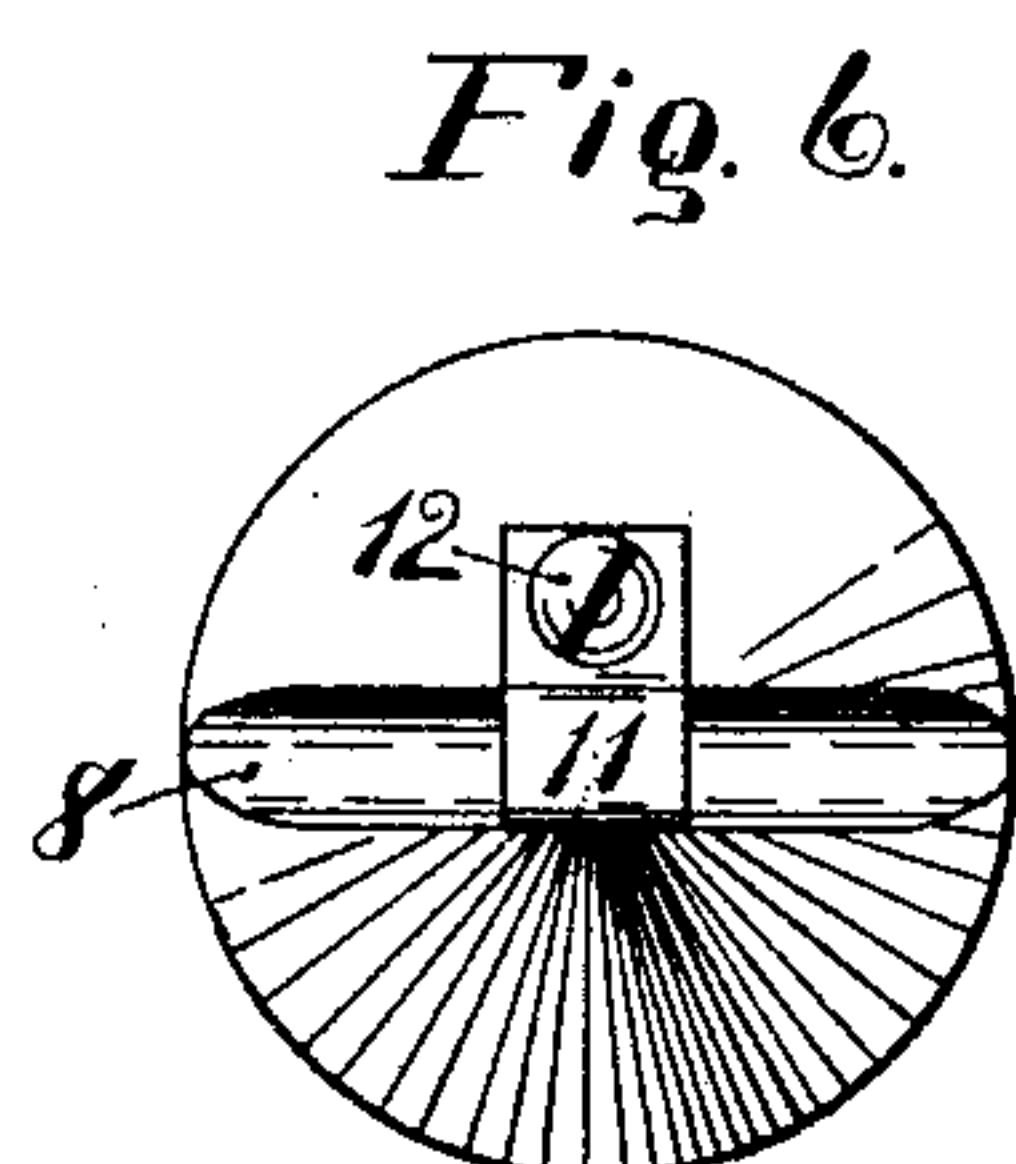
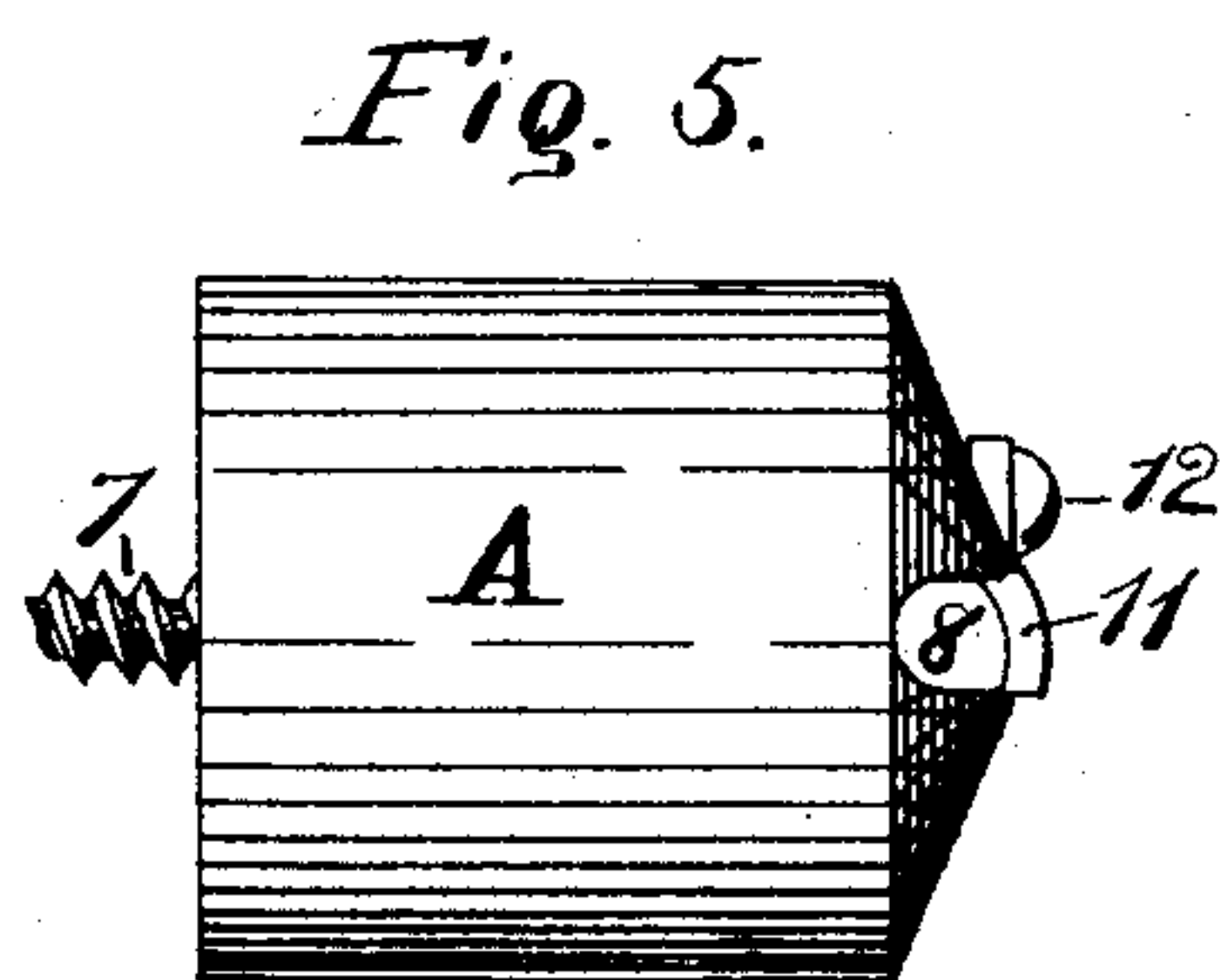
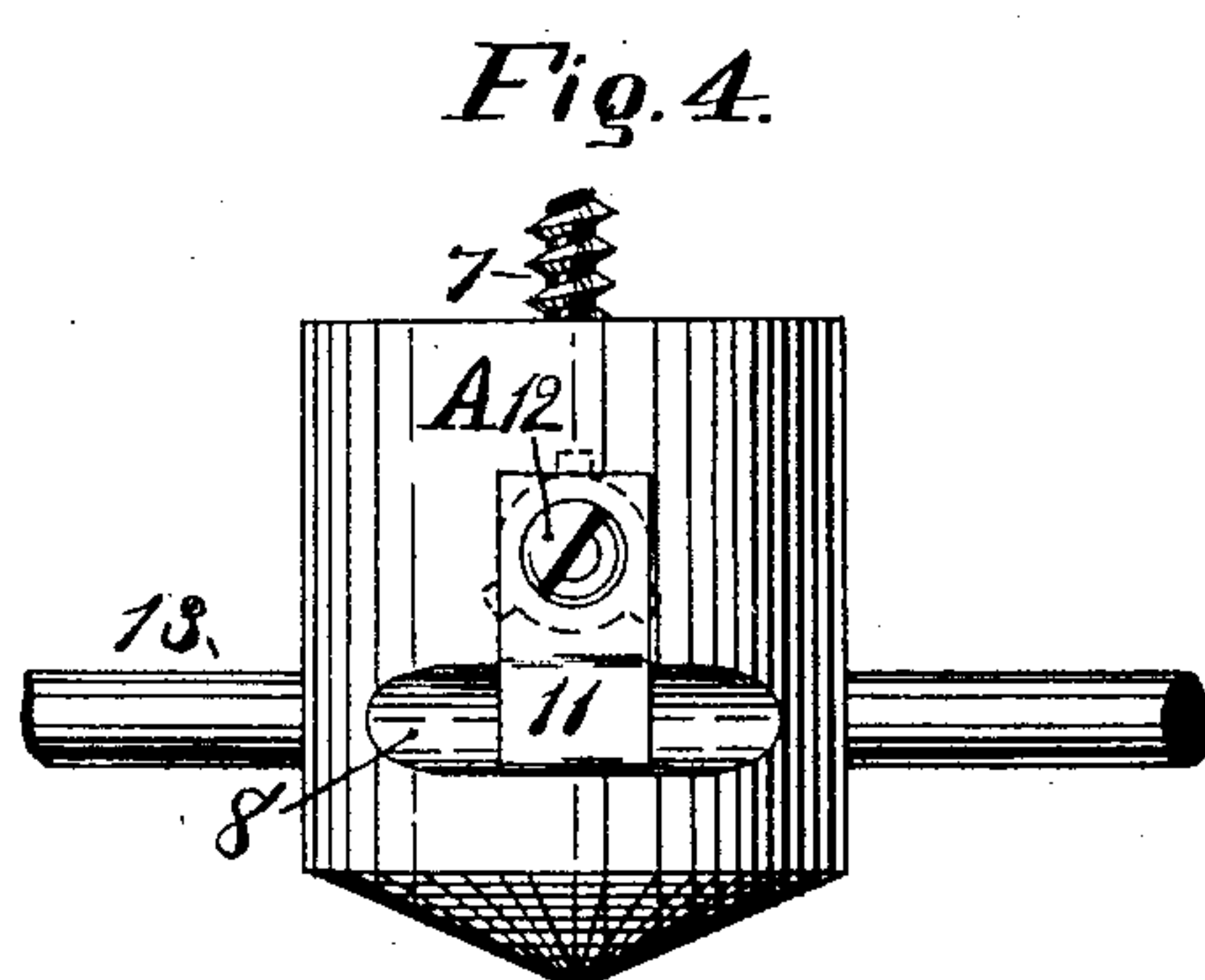
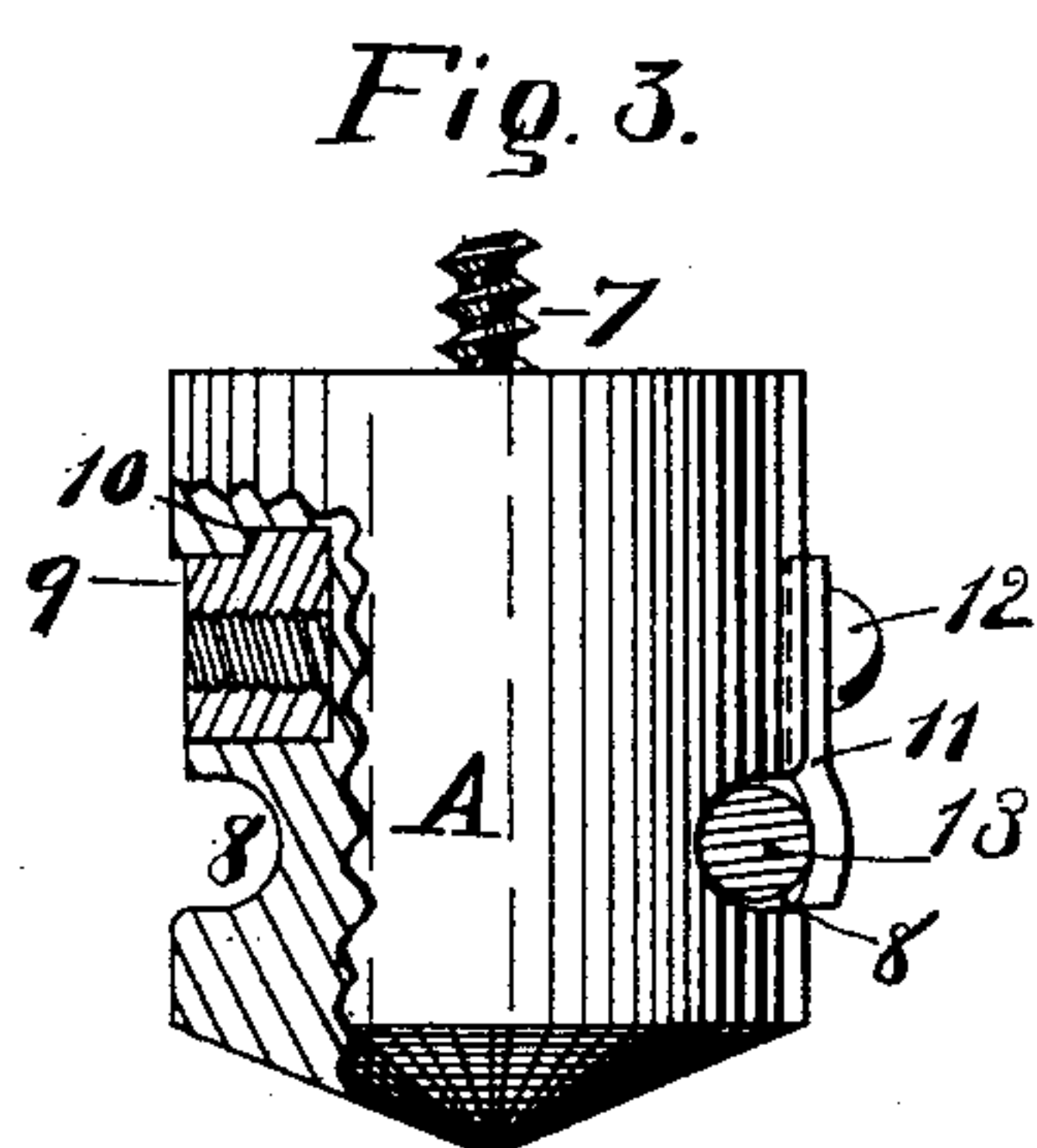
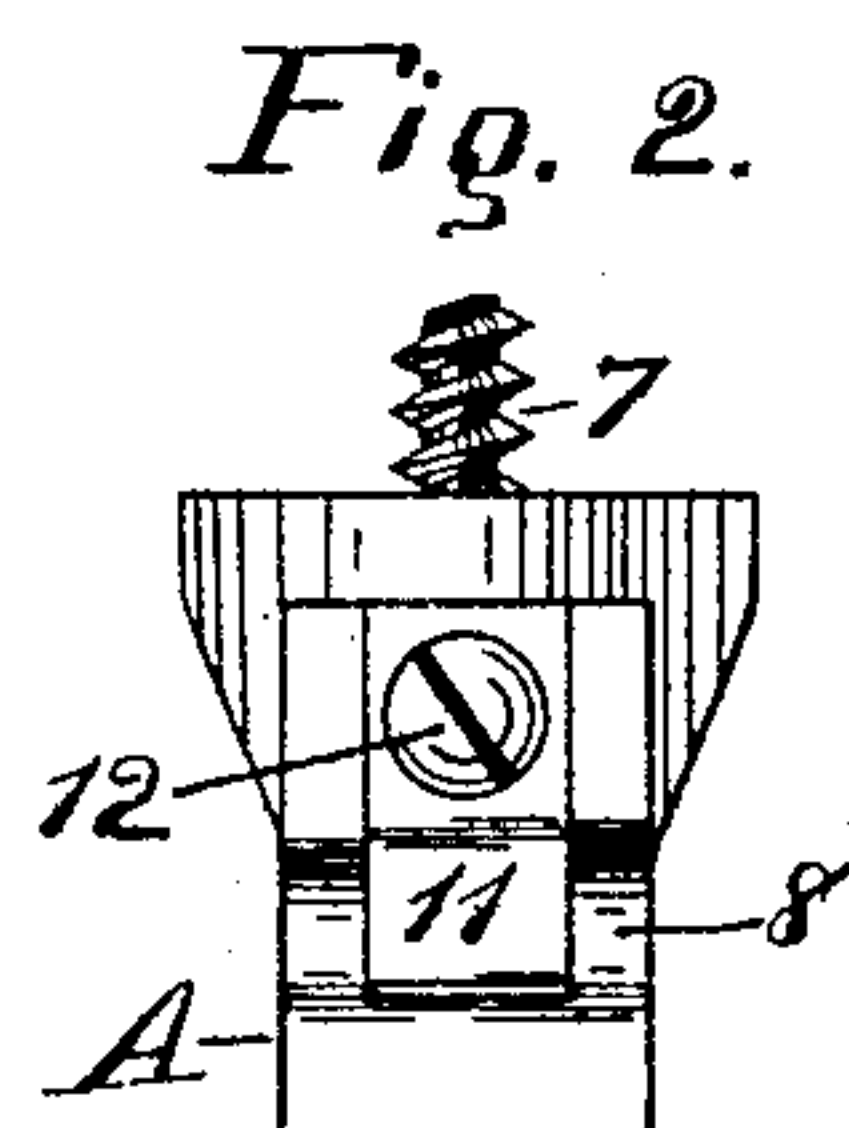
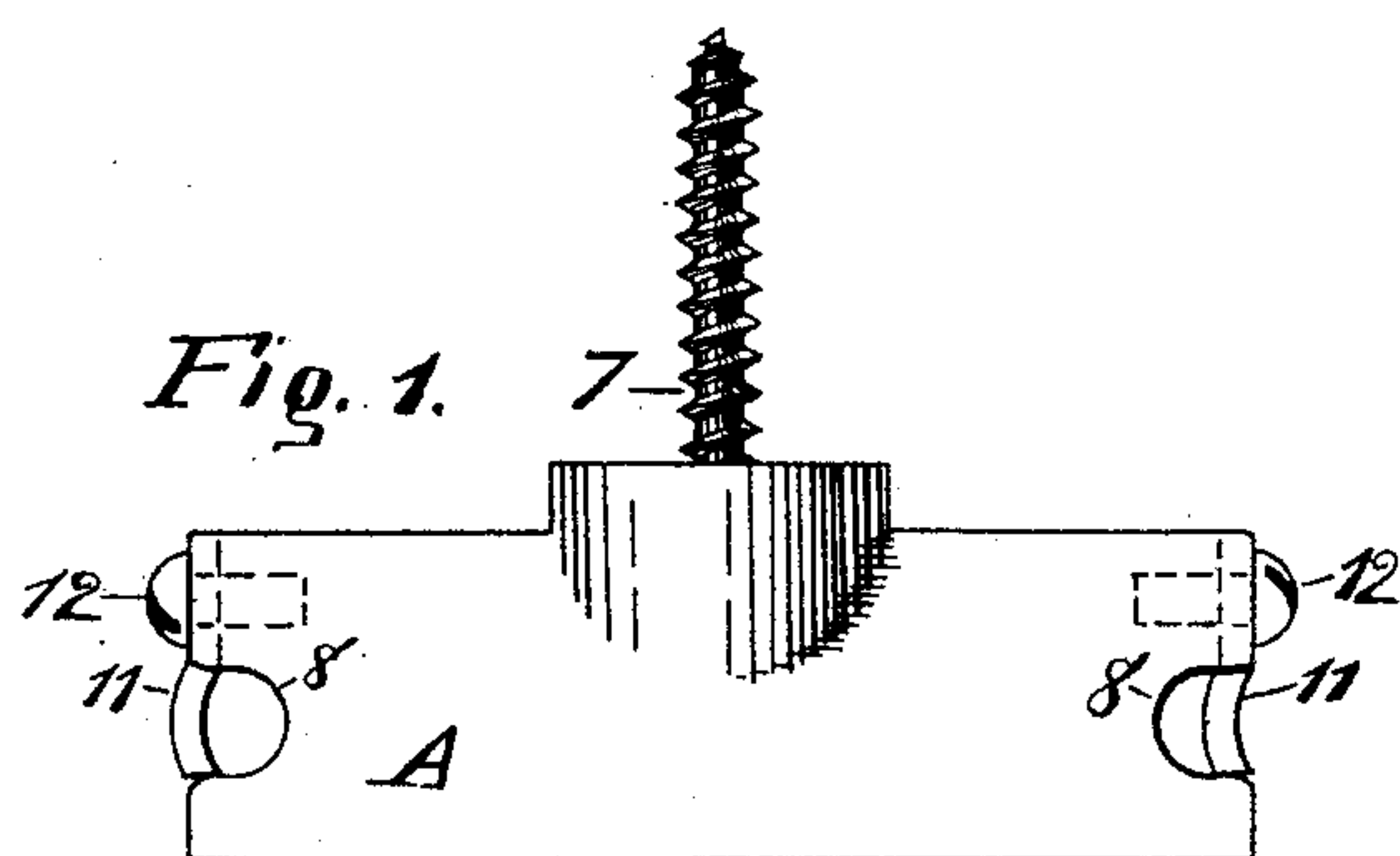


(No Model.)

T. H. BRADY.
INSULATOR.

No. 497,515.

Patented May 16, 1893.



Witnesses.

Edward H. Bush.

W. E. Strama

Inventor.

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By James Shepard
Atty.

UNITED STATES PATENT OFFICE.

THOMAS H. BRADY, OF NEW BRITAIN, CONNECTICUT.

INSULATOR.

SPECIFICATION forming part of Letters Patent No. 497,515, dated May 16, 1893.

Application filed January 16, 1893. Serial No. 458,547. (No model.)

To all whom it may concern:

Be it known that I, THOMAS H. BRADY, a citizen of the United States, residing at New Britain, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Insulator Knobs and Clips, of which the following is a specification.

My invention relates to improvements in insulator knobs and clips, and the chief objects of my improvement are to provide a convenient insulator with an attached clip for holding a wire therein, the same being especially useful for interior work.

In the accompanying drawings, Figure 1 is a side elevation of one form of my knob and clip. Fig. 2 is an end view of the same. Fig. 3 is a partial side elevation and sectional view of my clip as applied to a different form of insulator. Fig. 4 is a side elevation of the same together with a portion of wire as held in the clip upon the rear side of said insulator. Fig. 5 is a side elevation of one of my clips as applied to the end of an insulator knob, and Fig. 6 is an end view of said knob and clip.

A designates the insulator which may be of any desired form and provided with means for securing the same in place, as for instance, the fastening screw 7. These insulators are formed of porcelain or equivalent insulating material.

Instead of a groove wholly encircling the insulator, I employ side recesses or grooves 8 which extend directly across the sides of the insulator block in which they are placed so that a straight wire may be extended through them. At one side of said groove or recess, I form a hole in the insulator block and fill the same with metal which is cast therein to form

an internally threaded socket as shown at 9, Fig. 3, and as indicated by broken lines in Fig. 4, the exterior of said socket being formed with lateral wings or projections 10 extending into the body of the insulating material to hold said socket in place. To these sockets in the insulators I secure the clips 11 by means of screws 12 extending into said threaded sockets, one end of each clip extending over the groove or wire recess 8, as shown. Said clips are preferably made in a curved form at one end so that when they are placed with the convex side outwardly as shown at the left hand end, Fig. 1, a clip will hold a larger wire in place, while by turning it over with the convex side toward the groove or recess 8, as shown at the right hand end of Fig. 1, it will hold a smaller wire. A sectional view of the wire 13 as held by one of the clips is shown in Fig. 3, while a side elevation of said wire as held by the clip at the rear of the insulator is shown in Fig. 4.

From the various illustrations it will be seen that the insulator blocks may vary in form and that the clips can be applied upon the different sides or ends of the same as may be desired.

I claim as my invention—

The herein described insulator and clip, consisting of the insulating block A, having a wire recess or groove 8 therein, the clip 11 with one end adapted to cover said groove and the screw and socket for holding said clip in place, substantially as described and for the purpose specified.

THOMAS H. BRADY.

Witnesses:

EDWARD W. BUSH,
JAMES SHEPARD.