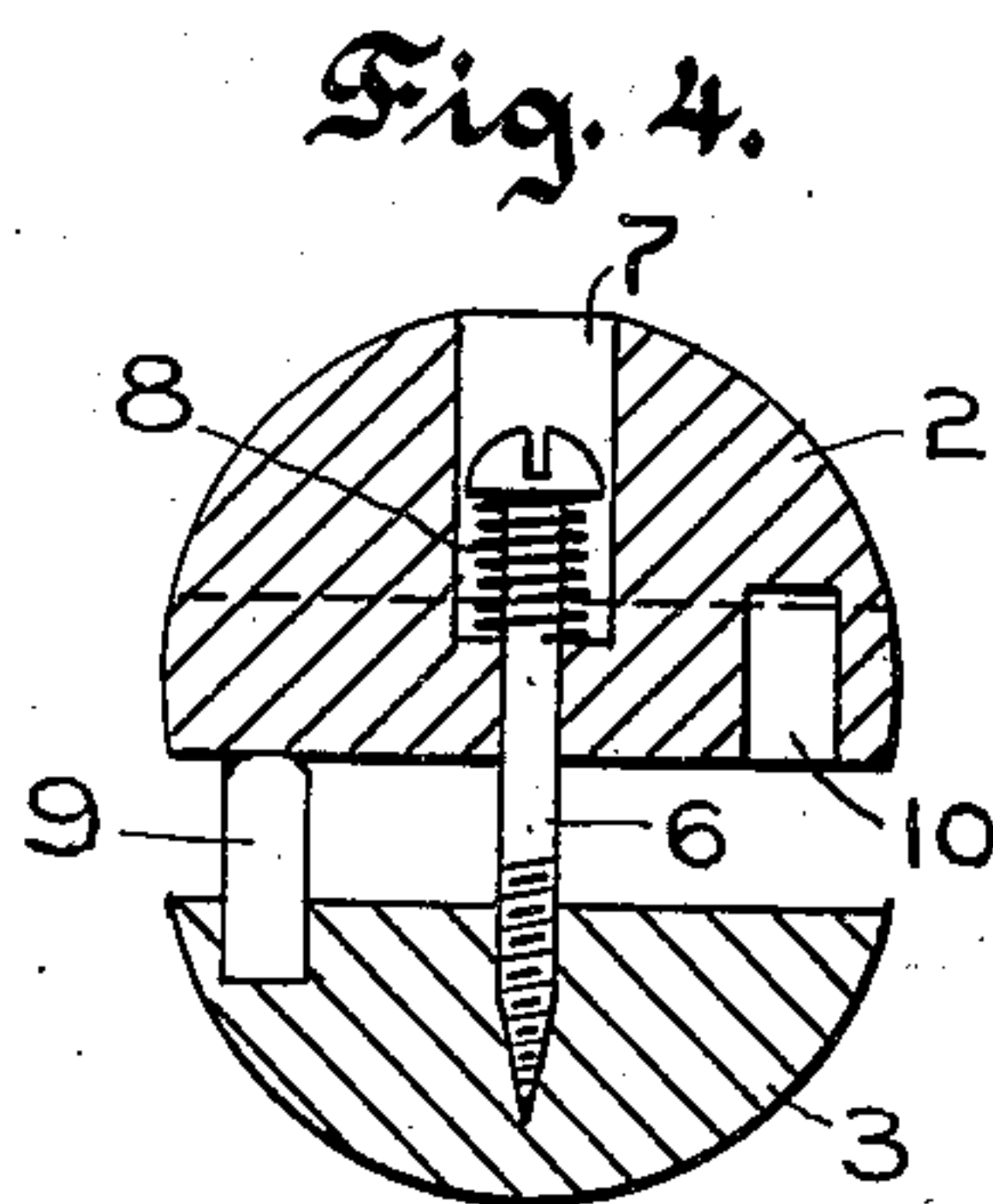
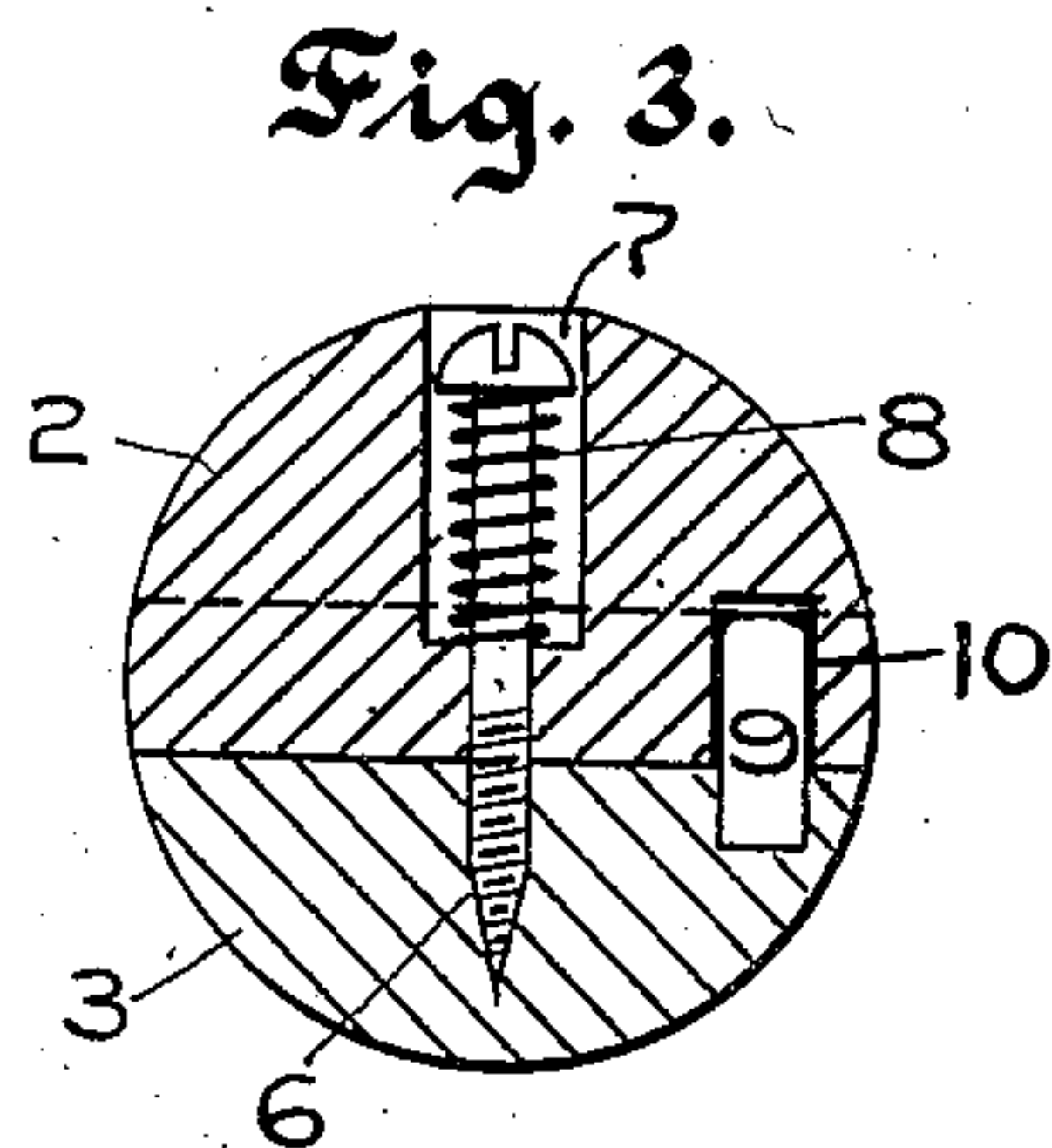
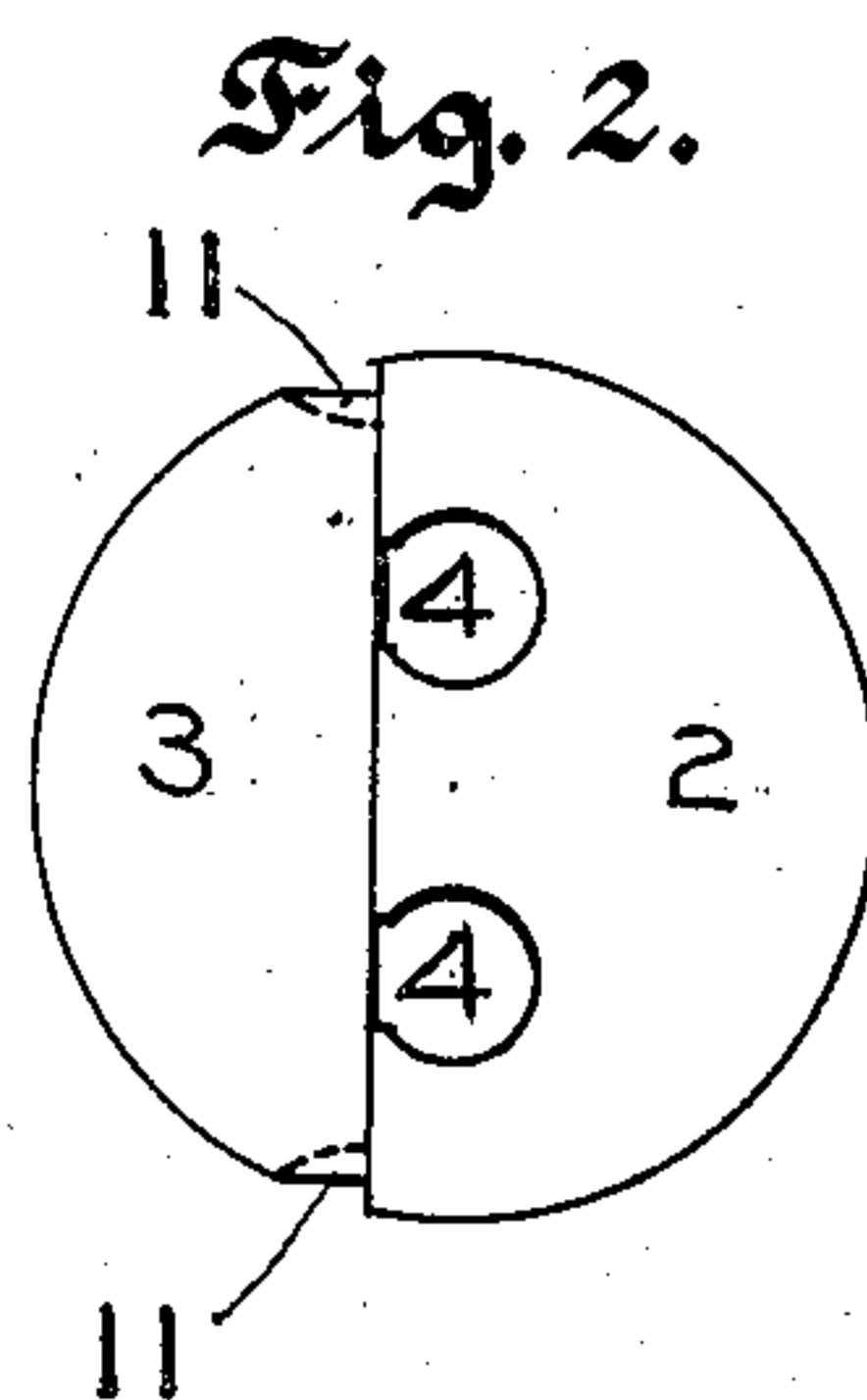
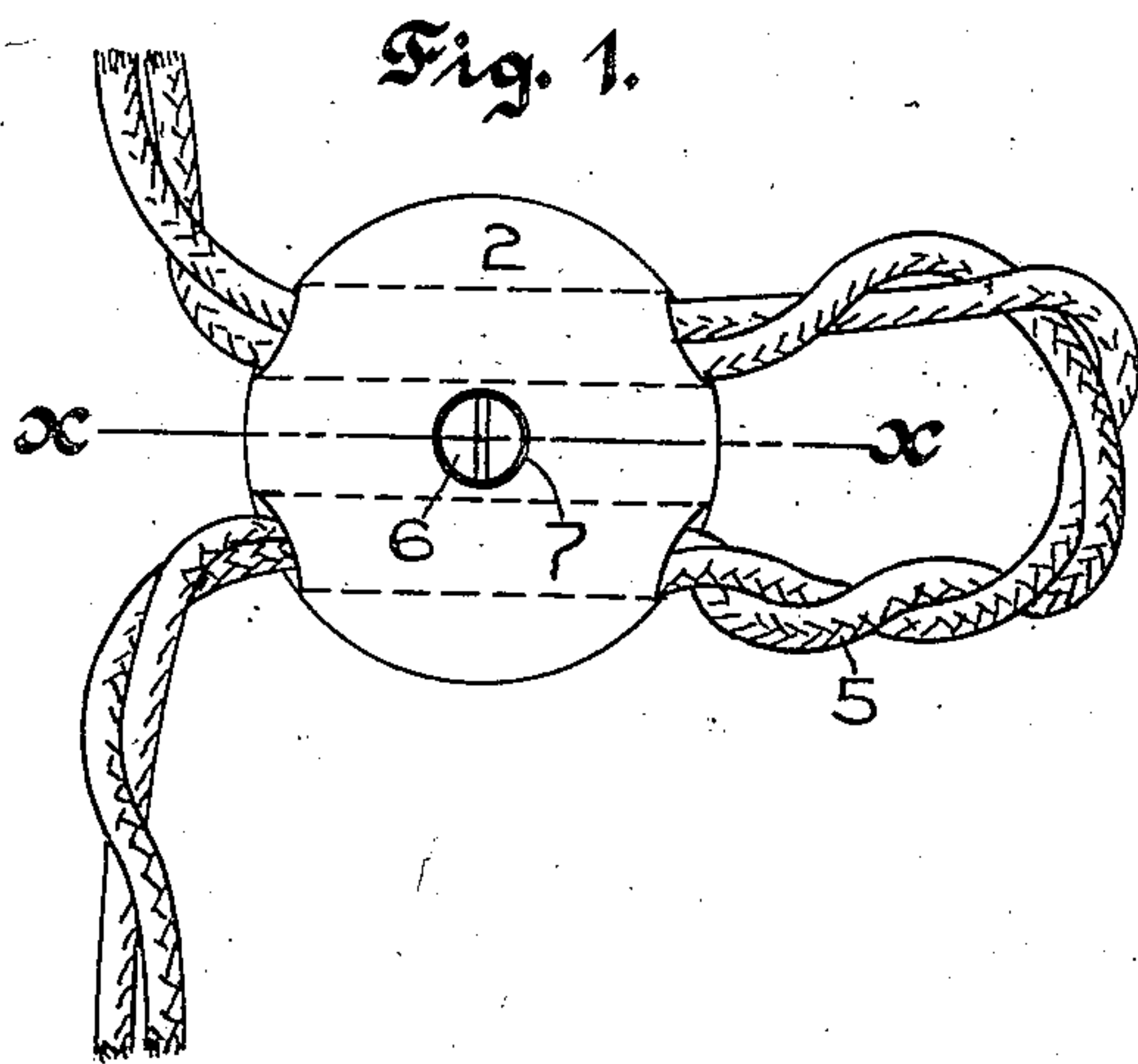


No. 865,531.

PATENTED SEPT. 10, 1907.

G. A. ROBINSON.
CORD ADJUSTER.
APPLICATION FILED FEB. 19, 1906.



Witnesses,
W. H. Palmer.
Emily F. Otis

Inventor,
George A. Robinson.
by *Lothrop Johnson*
his Attorneys.

UNITED STATES PATENT OFFICE.

GEORGE A. ROBINSON, OF ST. PAUL, MINNESOTA, ASSIGNOR OF ONE-HALF TO JAMES B. GOSS, OF ST. PAUL, MINNESOTA.

CORD-ADJUSTER.

No. 865,531.

Specification of Letters Patent.

Patented Sept. 10, 1907.

Application filed February 19, 1906. Serial No. 301,766.

To all whom it may concern:

Be it known that I, GEORGE A. ROBINSON, a citizen of the United States, residing at St. Paul, in the county of Ramsey and State of Minnesota, have invented certain new and useful Improvements in Cord-Adjusters, of which the following is a specification.

My invention relates to improvements in means for adjusting cords such as lamp supporting cords, its object being particularly to provide a device which may be arranged in connection with the cord or removed without interfering with the suspended lamp socket.

To this end my invention consists in the features of construction and combination hereinafter particularly described and claimed.

In the accompanying drawings forming part of this specification, Figure 1 is a front view of my device shown in connection with an electric light cord; Fig. 2 is an end view of the same without the cord; Fig. 3 is a section on line $x-x$ of Fig. 1, and Fig. 4 is a similar view with the parts separated.

As shown in the drawings my device consists of a ball of wood or other suitable material formed in two sections 2 and 3, one section being larger than the others. The section 2 is formed in its inner face with parallel grooves or openings 4 through which the cord 5 is passed. The sections of the ball are held together by means of the screw or post 6 inset in an opening 7 in the ball section 2 and extending slidably through the inner wall of said section with its end secured in the section 3. A suitable spring 8 is interposed between the head of the screw and the adjacent inner wall of the ball section 2. Carried by one of the sections is a post 9 arranged to fit into an opening 10 in the opposite section. The section 3 of the ball is also preferably formed in its edge with finger holds 11.

In operation the cord will be placed in the grooves 4

and doubled, as shown in Fig. 1. The tightness with which the cord fits into the grooves and the angles at which it leaves the ball combines to hold the cord from slipping when arranged as shown in Fig. 1, which is the normal supporting position of the cord. By enlarging or diminishing the size of the cord-loop extending beyond the ball the length of the cord is adjusted. When it is desired to place the cord into the grooves or remove it therefrom, the two sections of the ball will be drawn apart against the pressure of the spring 8 until the post is carried entirely out of the opening 10 when the sections will be relatively turned to bring the post into contact with the solid part of the opposite section, as shown in Fig. 4. The cord may then be removed or inserted as the case may be, and the sections of the ball then returned to the normal position shown in Fig. 3. The cord may thus be inserted into or removed from the grooves in the ball without interfering with a lamp socket upon the end of the cord.

I claim:—

1. An adjusting device of the class described, consisting of two sections, one of said sections being formed with grooves in its inner face to hold a doubled cord, a post carried by one of said sections and slidably supporting the other section, and a spring interposed between the post and slidable section.

2. An adjusting device of the class described comprising two sections, one section being formed with parallel cord holding grooves in its face, a screw secured in one section and slidable in the other, a spring interposed between the head of said screw and the adjacent section, and a post carried by one section and arranged to fit into an opening in the other, for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

GEORGE A. ROBINSON.

Witnesses:—

H. S. JOHNSON,
EMILY F. OTIS.