

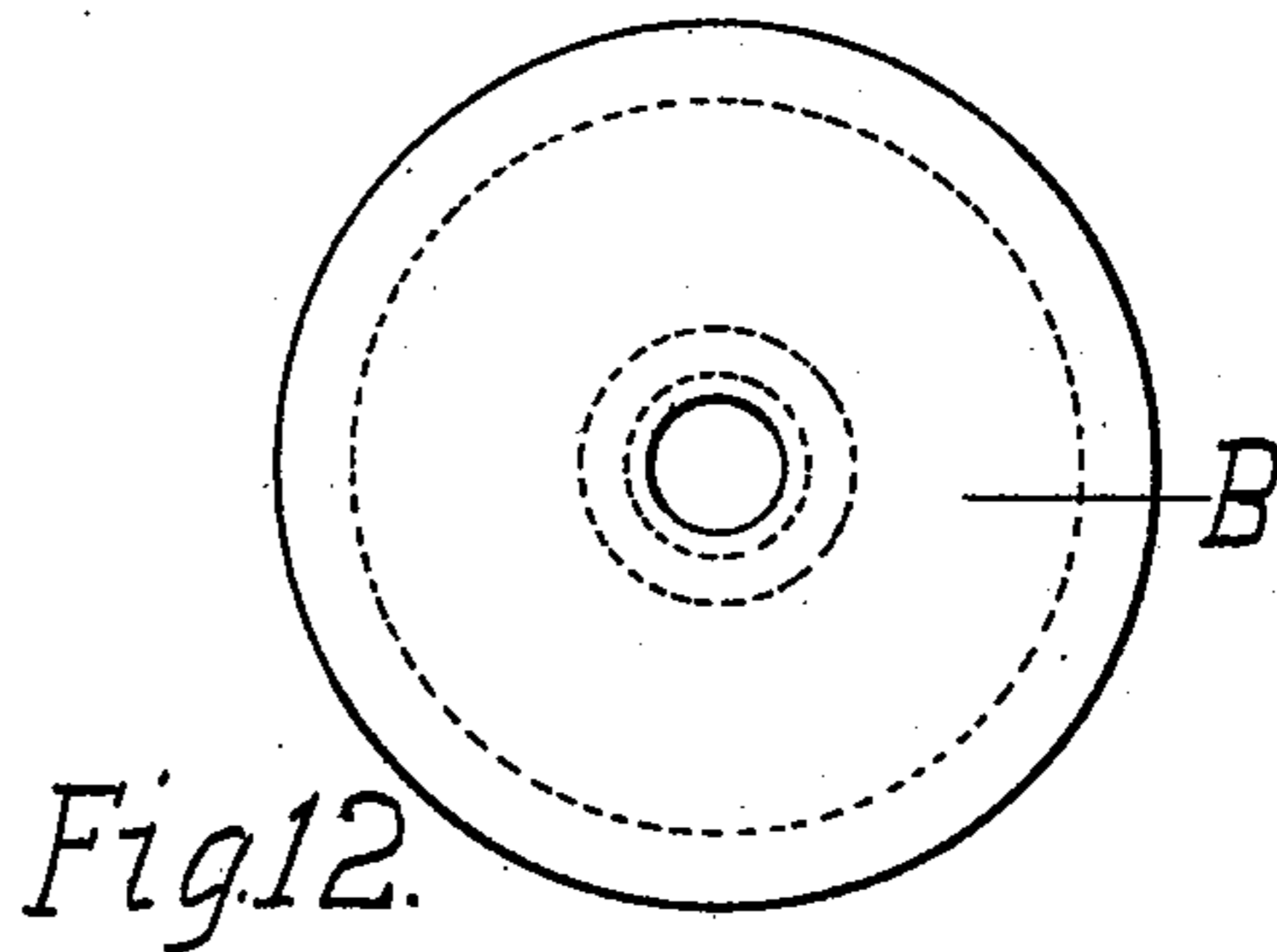
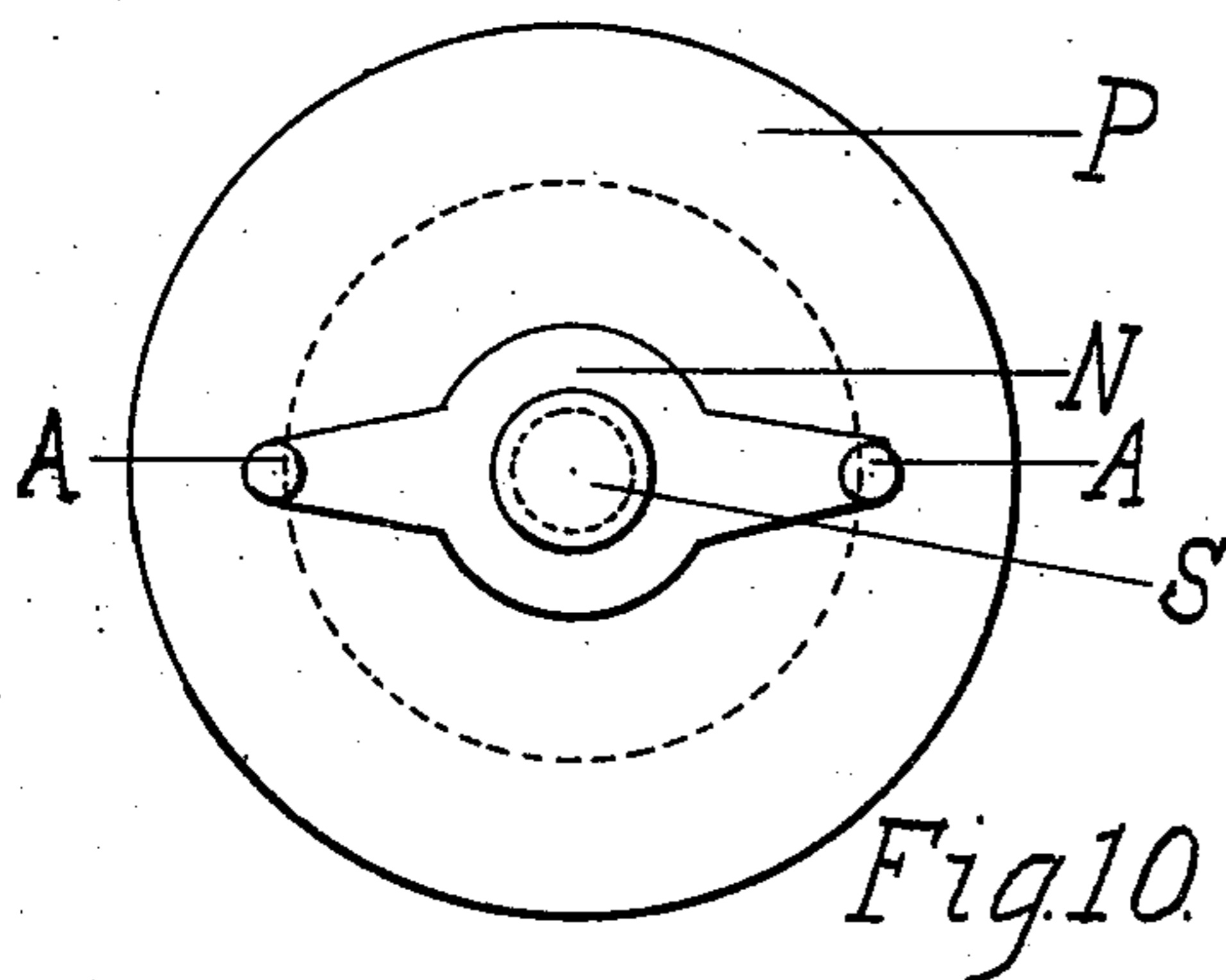
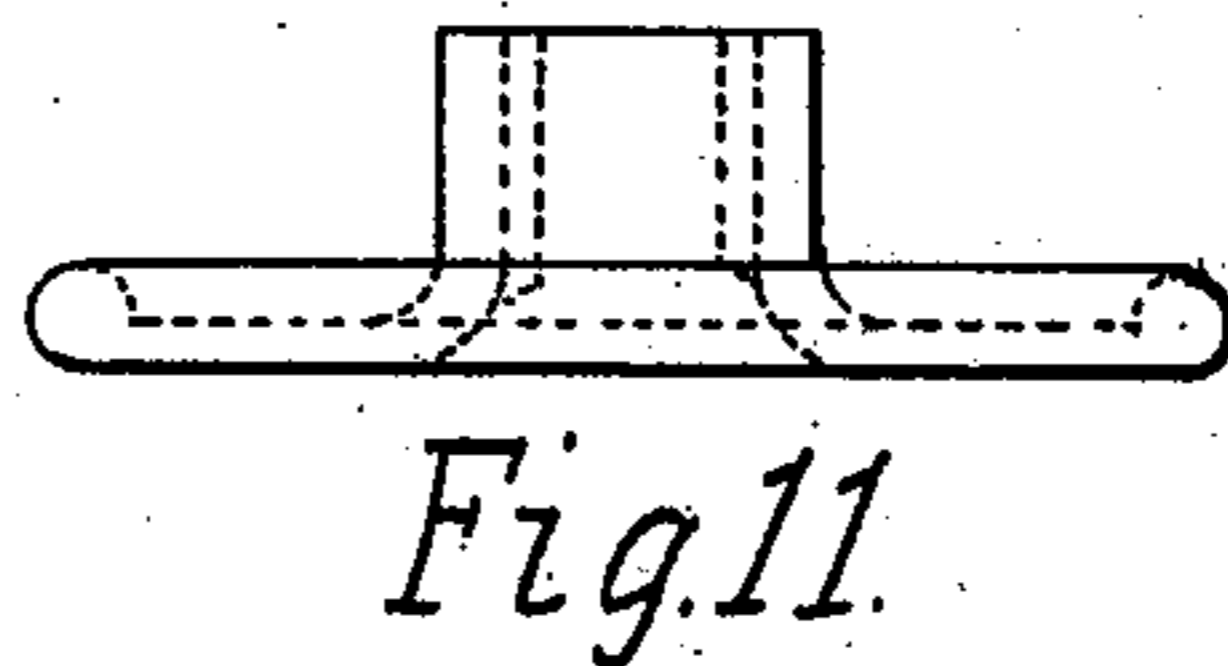
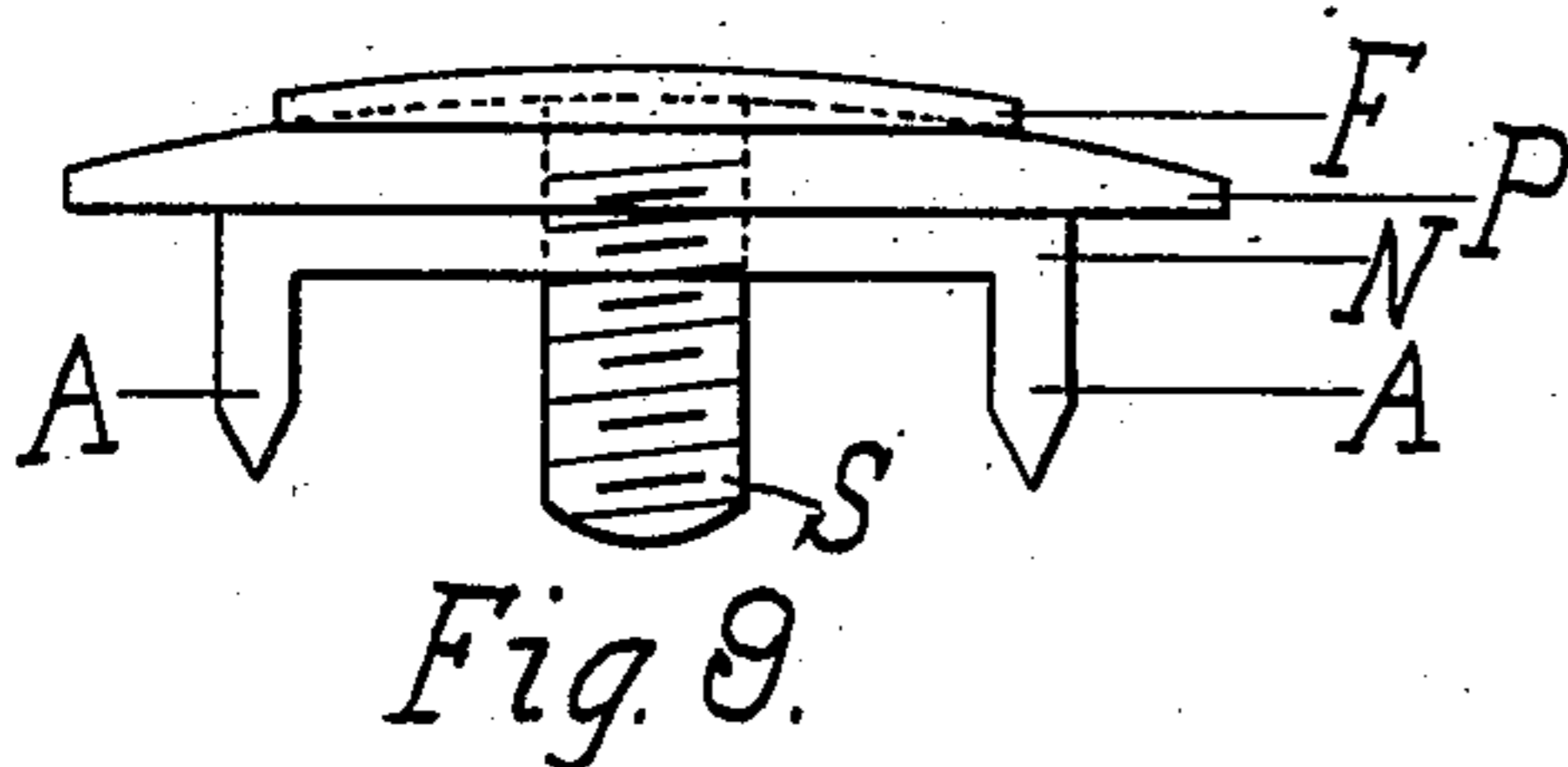
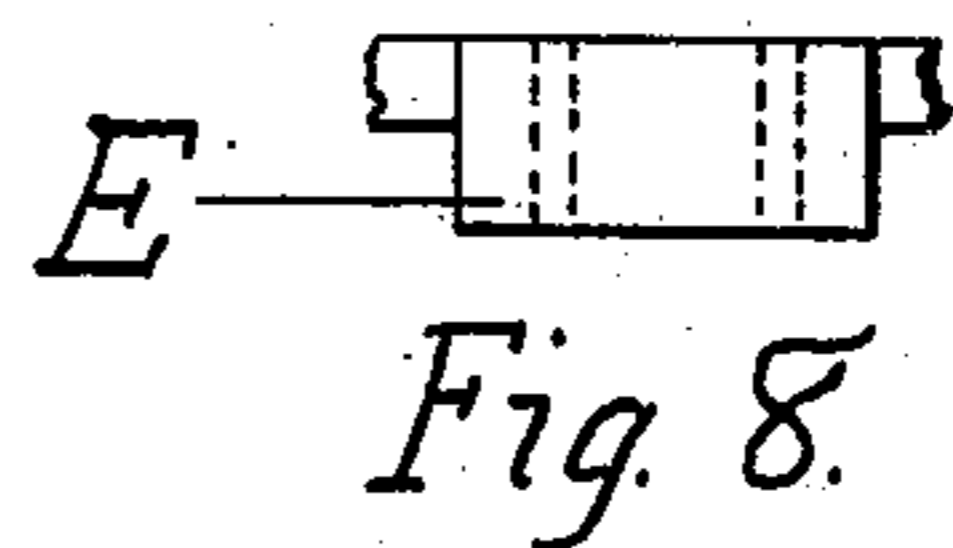
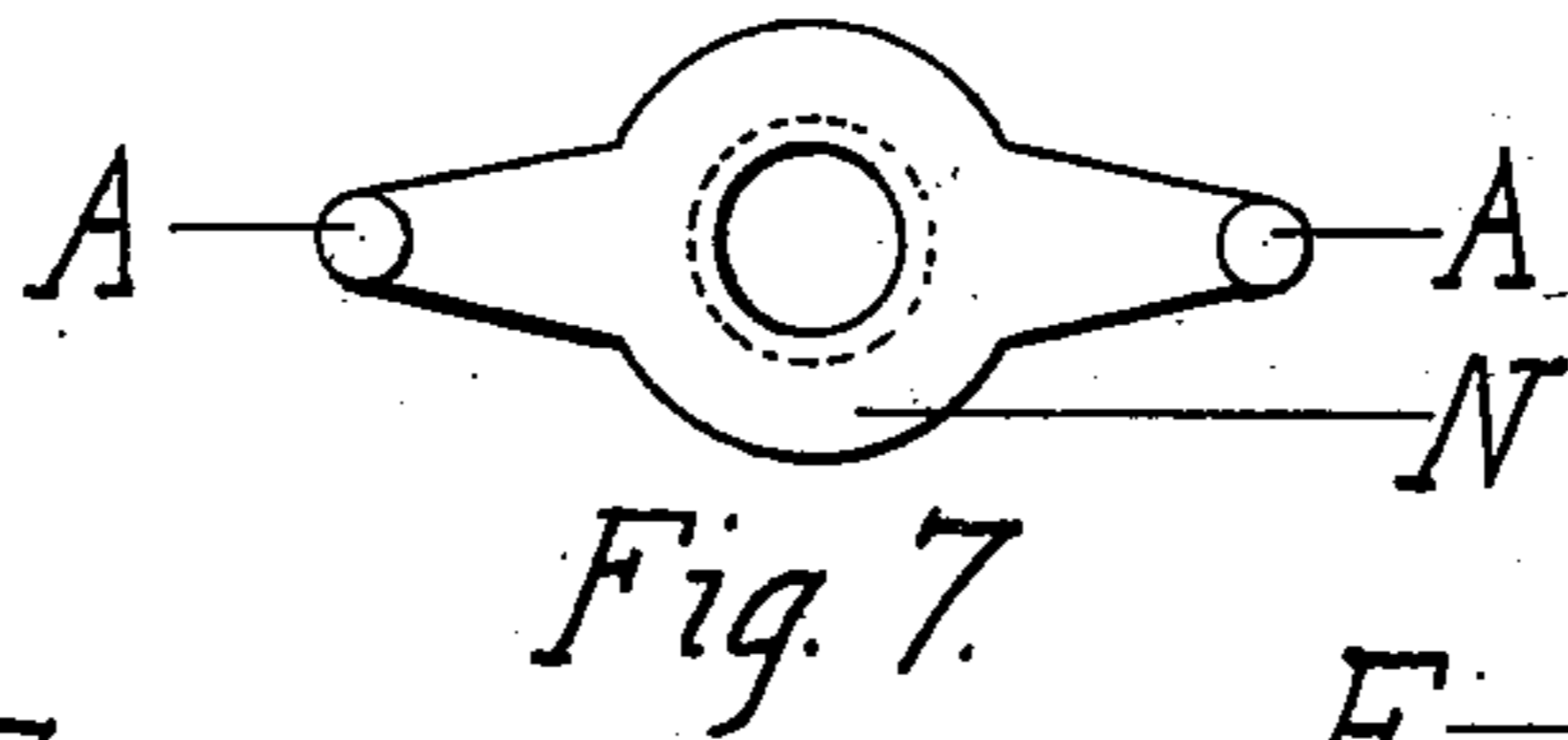
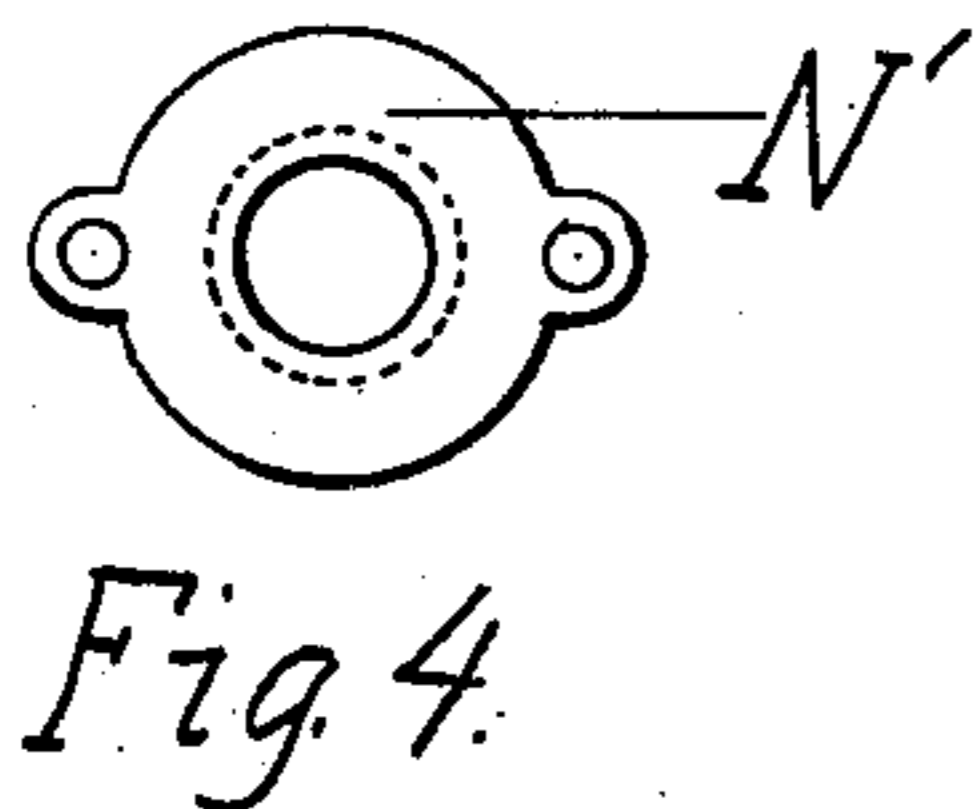
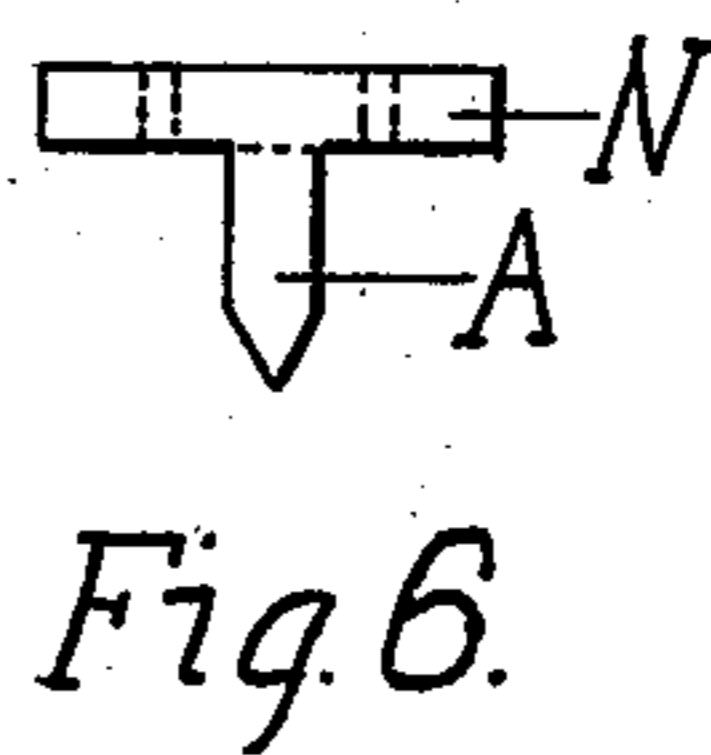
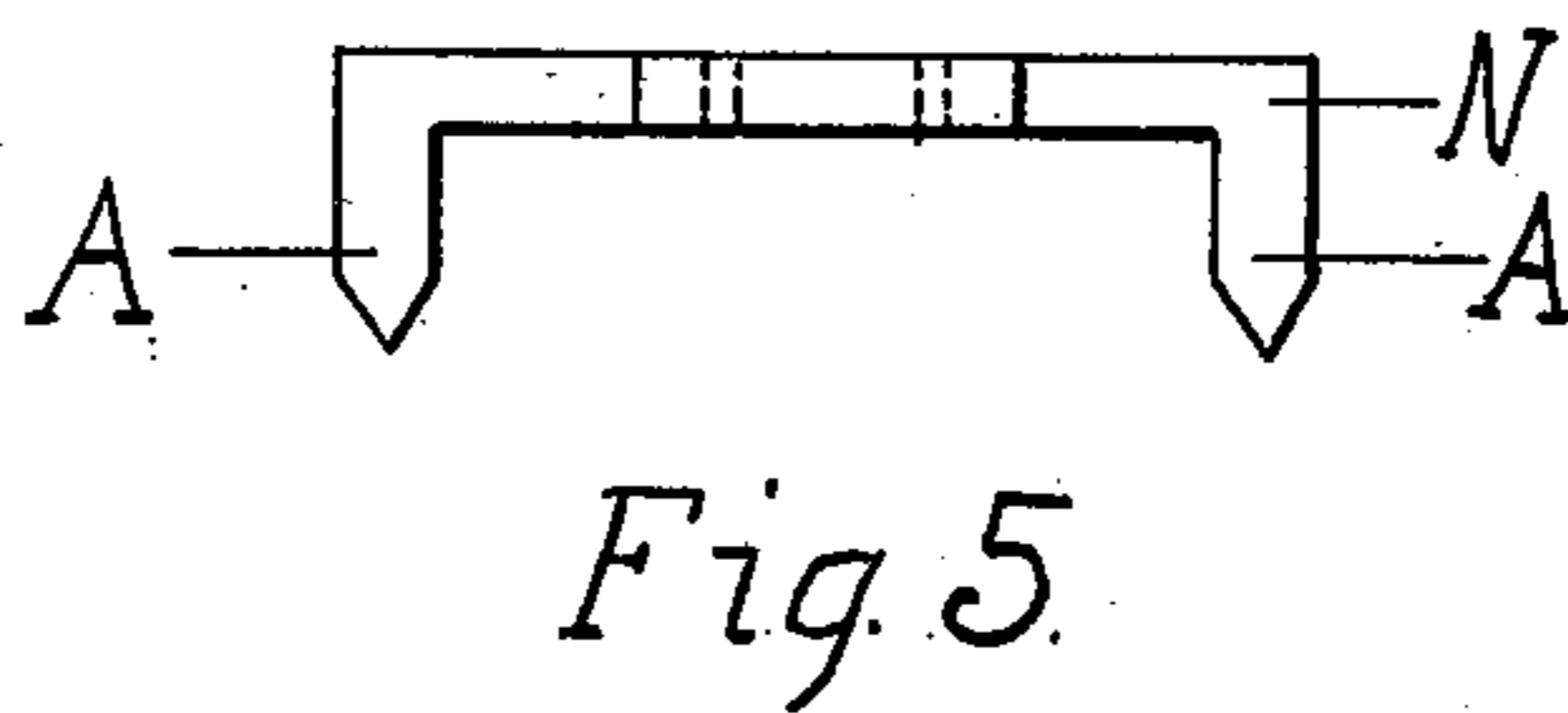
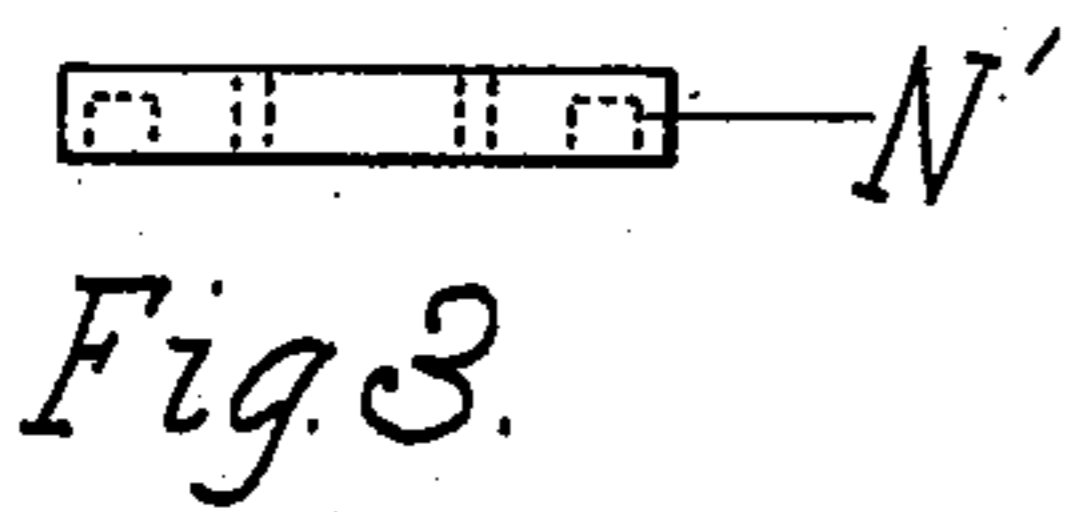
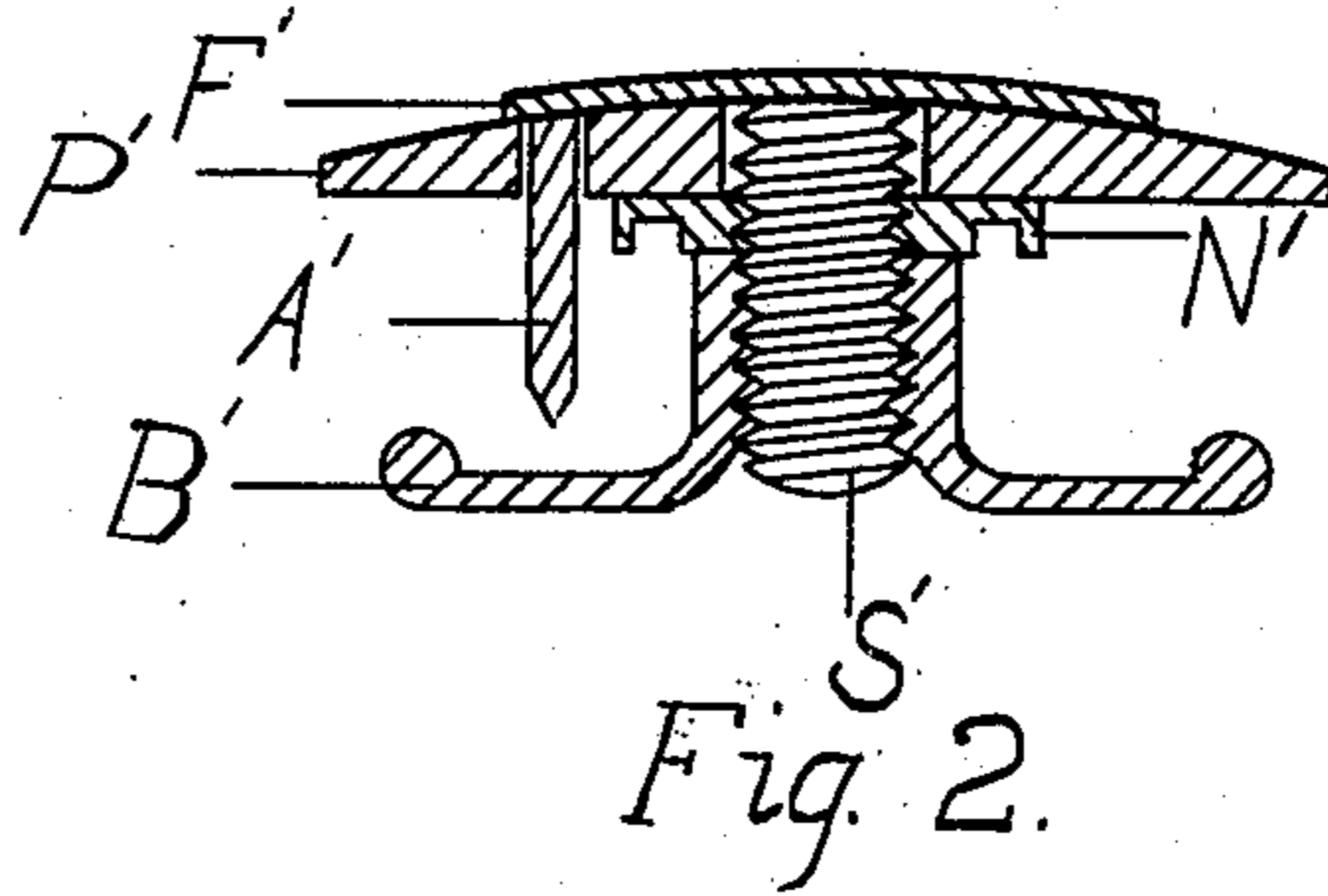
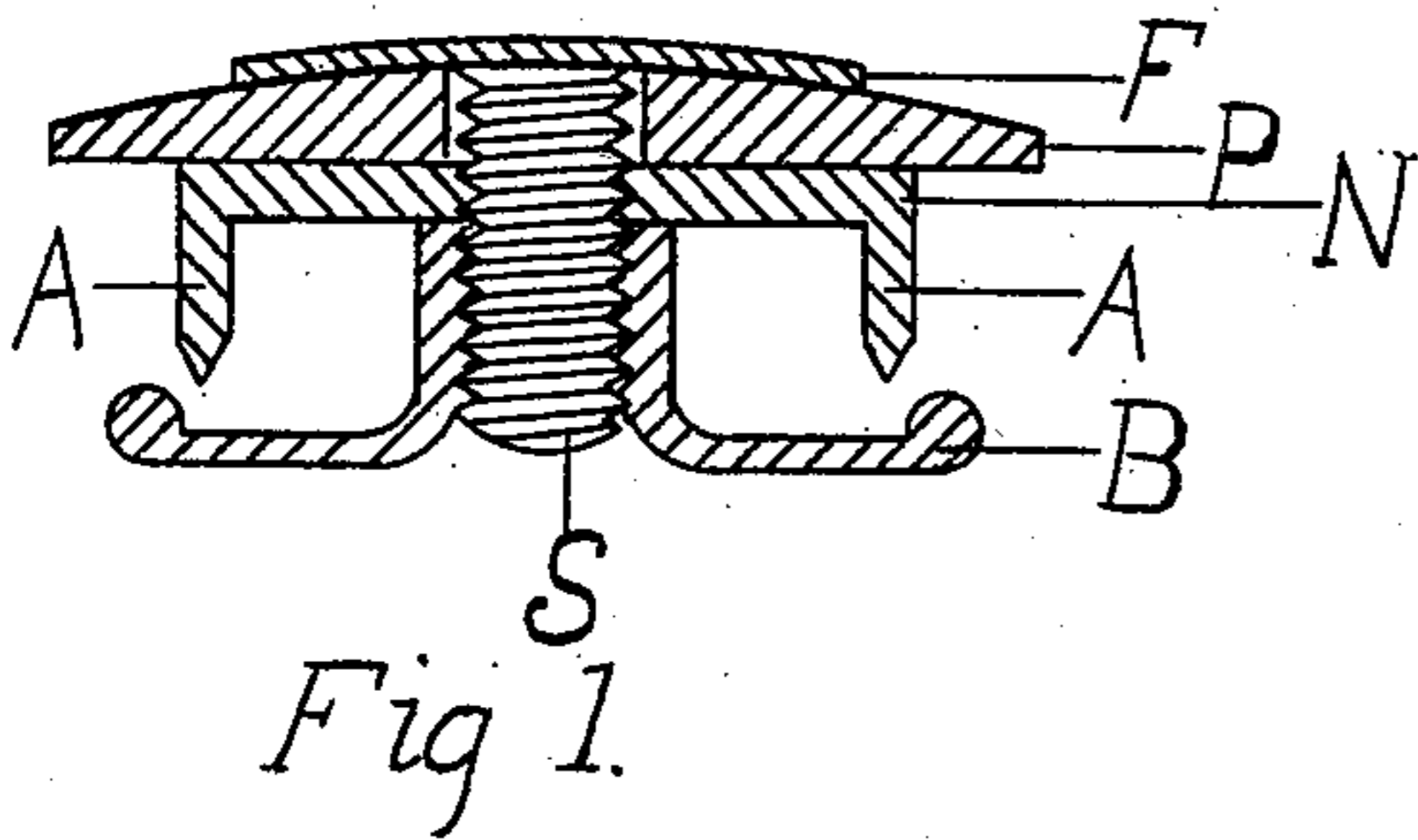
No. 713,076.

Patented Nov. 11, 1902.

J. A. DORAN.
BADGE BUTTON.

(Application filed Apr. 26, 1902.)

(No Model.)



Witnesses.

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BADGE-BUTTON.

SPECIFICATION forming part of Letters Patent No. 713,076, dated November 11, 1902.

Application filed April 26, 1902. Serial No. 104,863. (No model.)

To all whom it may concern:

Be it known that I, JAMES A. DORAN, a citizen of the United States, residing in Pawtucket, in the county of Providence and State of Rhode Island, have invented new and useful Improvements in Lapel Badge-Buttons, of which the following is a specification.

My invention relates especially to lapel badge-buttons that are mounted on pearl, glass, or other material. The invention may also be used generally in other lines of jewelry in which pearl, glass, or similar materials are employed.

The objects of my improvements are to cause the above-mentioned articles of jewelry to be more substantial and more durable than is possible by any other method of mounting. These objects I attain by the construction illustrated in the accompanying drawings, in which—

Figure 1 is a central cross-section of a complete lapel badge-button with position-pin attached to nut. Fig. 2 is a central cross-section of a complete lapel badge-button with position-pin directly attached to the front. Figs. 3 and 4 show form of nut used in Fig. 2, while Figs. 5, 6, and 7 illustrate the style of nut employed in Fig. 1. Fig. 8 is a section to be substituted in either style of nut when occasion requires. Figs. 9 and 10 show the button complete with the exception of the back, which is represented in Figs. 11 and 12.

Similar letters refer to like parts in all the figures of the drawings.

In this description the word "front" shall be construed as meaning any style of jewelry (emblematic or otherwise) of any quality. The word "pearl" is to be interpreted as what is known as mother-of-pearl, glass, ivory, or any other substance which can be used as a backing for the front. The word "back" is to be understood as meaning the ordinary badge screw-back that is in common use. All other words contained in this specification and claims are to be given their ordinary meaning.

As shown in the accompanying drawings, the screw S, which has been cut to fit thread in back B, is securely attached, by soldering or otherwise, to the front F, Fig. 1.

Figs. 5, 6, and 7 are front, side, and bottom views, respectively, of the nut N. The nut N,

the center of which has been tapped to fit screw S, has one or more arms extending outwardly from the center thereof, and at the extremity of each arm is securely located a position-pin A. The object of said position-pin is to pierce the coat-lapel, thereby holding the badge always in the proper position. When screw S is passed through a previously-drilled hole in center of pearl P, the nut N is screwed against back of pearl P and well tightened either by hand or with a suitable wrench. When nut N is hard against pearl P, we have, Figs. 9 and 10, a pearl-back badge-button simply and securely assembled ready for the ordinary back. Since the screw S has its thread uniform the entire length and said thread has previously been cut to fit the thread in the back to be used, it is now only necessary to screw on the back B and the button is complete. Furthermore, when back B and nut N are in position they serve as "check-nuts"—that is, when nut N is first tightened against pearl P and then back B is set against nut N, as shown in Fig. 1, it is practically impossible for either nut N or back B to become loose.

In Fig. 2 is illustrated a slightly-different method of attaching a position-pin, which may in some cases be preferable. The screw S' is attached to front F' by soldering or otherwise, and a pin A' of the proper length is also attached by soldering or otherwise to front F' at such a distance from screw S' that both screw S' and pin A' will pass easily through previously-bored holes in pearl P. The nut N' is now screwed tight against the back of pearl P' and the button is assembled ready for the back. Since nut N' has no outwardly-extending arms, by which it may be tightened, it is necessary to have the nut of such a form that it may be engaged by a wrench. The nut N' may be made, as shown in Figs. 3 and 4, with two holes, in which a wrench may be inserted, or it may have any other convenient shape, such as square, hexagonal, &c. When back B' is screwed against nut N', the result is precisely the same as shown in Fig. 1, with the difference that the position-pin is attached directly to the front instead of to the nut N.

In the above description no mention has been made as to the thickness of nuts N or

N'. In some cases it may be necessary to have the threaded part of nut thicker than remaining portions of nut in order to prevent the thread from stripping. To secure 5 this necessary thickness, the nut N or N' may be formed with its center like an eyelet, as shown in Fig. 8. When the nut is so shaped, the number of threads will be sufficient to prevent stripping.

10 Having described my invention, I claim—

1. A badge-button comprising a backing, a front overlying the backing and having a screw member, and a nut mounted on the screw member and set against the rear side 15 of the backing.

2. A badge-button comprising a backing, a front overlying the backing and having a screw member, extending therethrough, and a nut-locking device for separably holding 20 the backing and front in assembled superimposed relation.

3. A badge-button comprising a backing, a front overlying the backing and having a screw member extending therethrough, and 25 a check-nut lock including coacting nut members, one of which engages the backing.

4. A badge-button comprising a backing, a

front overlying the backing and having a screw member, a position-pin projecting rearwardly behind the backing, and nut-locking 30 means for the backing and front.

5. A badge-button comprising a backing, a front overlying the backing and having a screw member, a nut working on the screw against the backing and locking means for 35 said nut.

6. A badge-button comprising a backing, a front having a screw member, and a nut set against the rear side of the backing and carrying a position-pin. 40

7. A badge-button comprising a backing, a front overlying the backing, and having a screw member, a nut set against the rear side of the backing, and a check-nut set against 45 the nut.

8. A badge-button comprising a backing, a front having a screw member, a nut set against the backing and a check-nut member, working against the nut.

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Witnesses:

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