

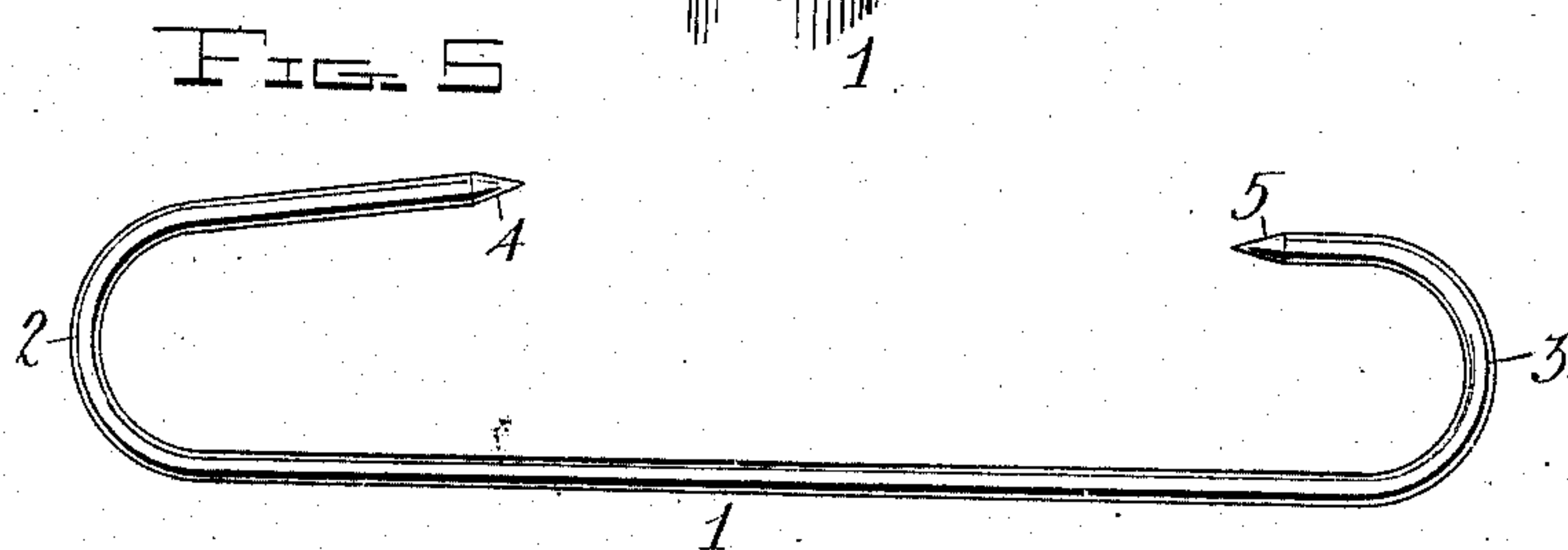
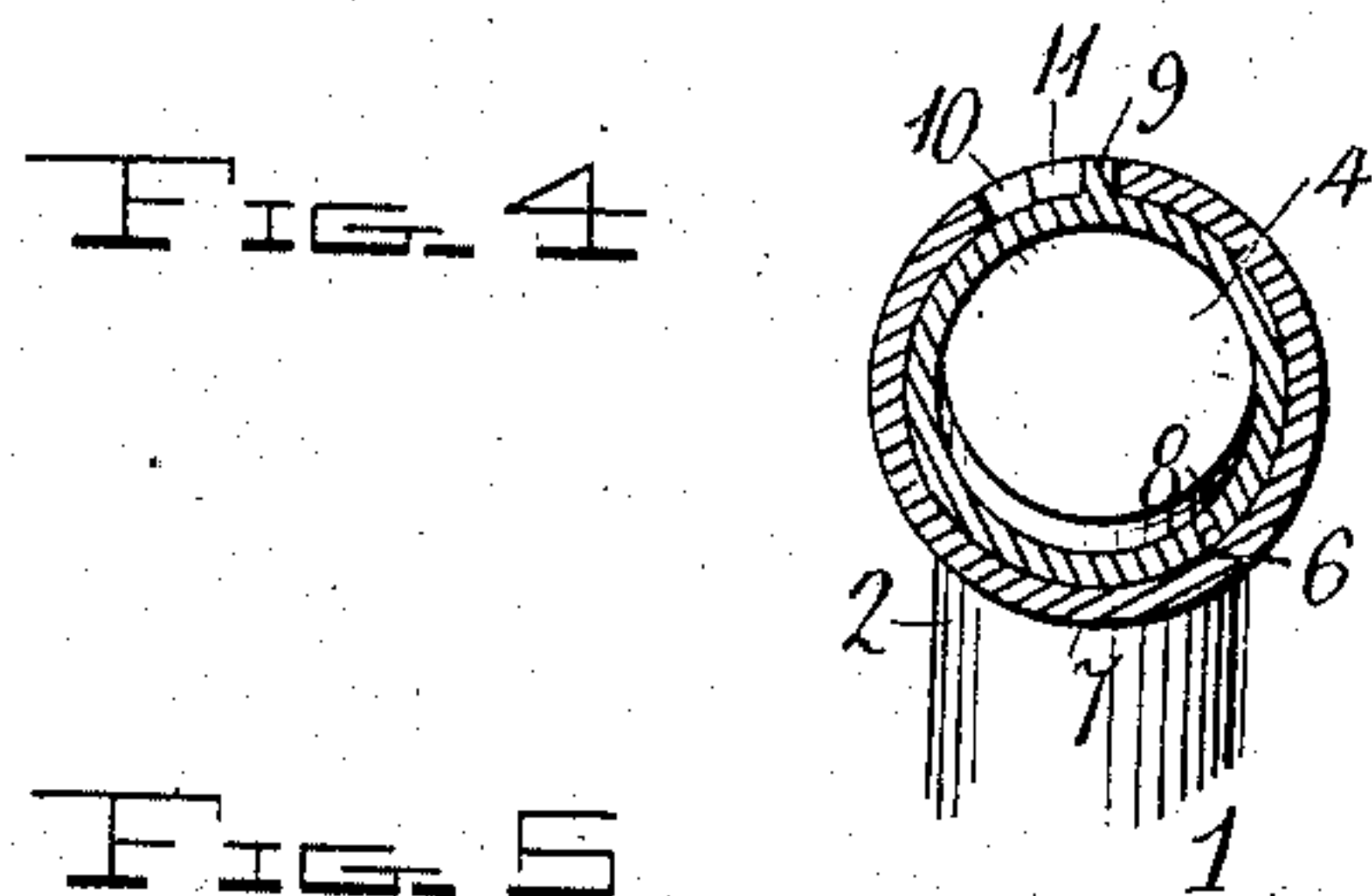
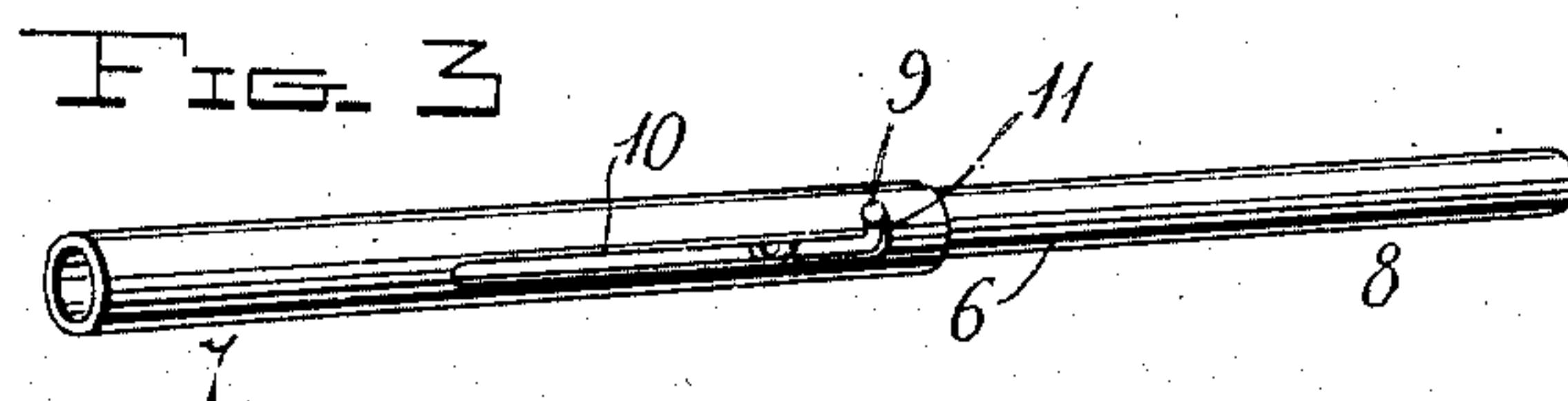
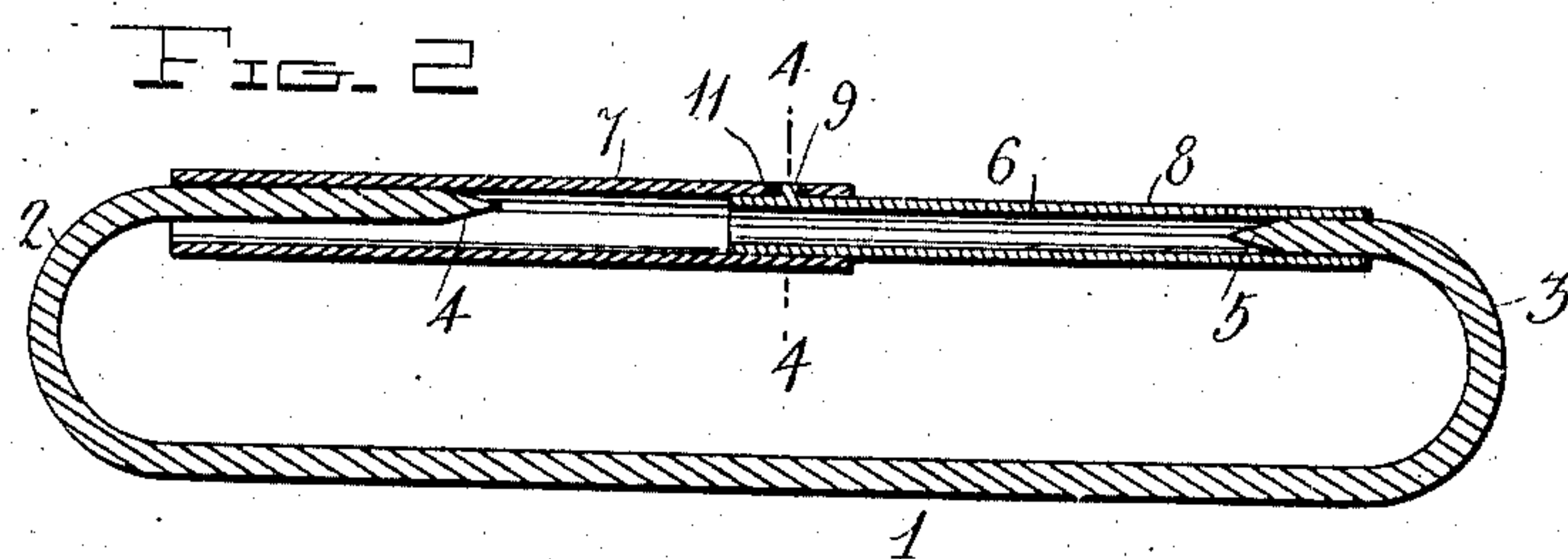
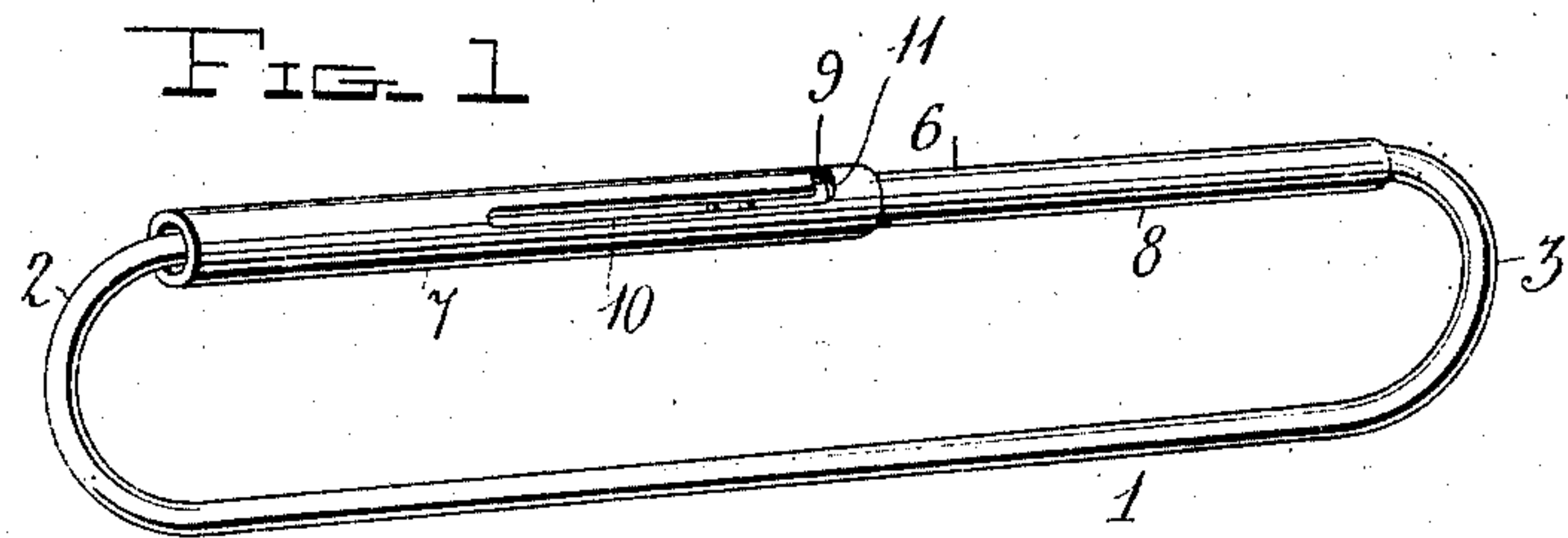
No. 864,447.

PATENTED AUG. 27, 1907.

H. P. COULTER.

PIN.

APPLICATION FILED JUNE 28, 1906.



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# UNITED STATES PATENT OFFICE.

HENRY P. COULTER, OF PHILADELPHIA, PENNSYLVANIA.

PIN.

No. 864,447.

Specification of Letters Patent.

Patented Aug. 27, 1907.

Application filed June 28, 1906. Serial No. 323,857.

*To all whom it may concern:*

Be it known that I, HENRY P. COULTER, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have  
5 invented certain new and useful Improvements in Pins; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

10 This invention relates to improvements in safety pins or garment clasps, and consists in the novel construction, combination and arrangement of parts hereinafter described and claimed.

The object of the invention is to provide a device of  
15 this character which will be of simple, durable and comparatively inexpensive construction, which may be quickly and easily connected to and disconnected from garments or other articles which it connects together, and which will have its point or points effectively  
20 guarded.

The above and other objects which will appear as the nature of the invention is better understood, are accomplished by the construction illustrated in the accompanying drawings, in which:—

25 Figure 1 is a perspective view of the invention; Fig. 2 is a longitudinal sectional view through the same; Fig. 3 is a perspective view of the detachable point guard; Fig. 4 is a transverse sectional view, on an enlarged scale, taken on the plane indicated by the line  
30 4—4 in Fig. 2; Fig. 5 is a detail view of the pin shown in Fig. 1.

Referring to the drawings, 1 denotes the pin which is formed preferably of a piece of resilient wire by bending the same upon itself to form oppositely projecting hooks  
35 2, 3 having points 4, 5. The hook 3 is comparatively short, while the hook 4 is comparatively long and has its point projecting at a slight angle with respect to the body or connecting portion of the pin, as shown in Fig. 5.

The pin is adapted to be closed and its points protected by a combined lock and guard 6 which is adapted to be detachably engaged with the points 4, 5. This device 6 is preferably formed by two tubes 7, 8 which are telescopically engaged with each other and provided with a suitable locking device for holding them  
40 extended. The larger tube 7 is adapted to fit over the point 4 of the hook 2, while the smaller tube 8 is adapted

to fit over the point 5 of the hook 3. The tube 8 fits snugly within the tube 7 and is retained in its extended position therein by a locking pin 9 which it carries and which projects into and slides in a bayonet slot 10  
50 formed in the tube 7. This slot 10 extends longitudinally and has at its outer end a seat 11 adapted to receive the pin 9, as shown. It will be observed that when the tube 8 is turned in the tube 7 so that its pin 9 is engaged with the seat or notch 11, the former tube will  
55 be held against endwise movement in the latter tube; and that when the tube 8 is turned so that the pin 9 aligns with the slot 10, said tube 8 may be forced into the tube 7 until its outer end clears the pin 5. When in this latter position, the tube 7 may be slipped off of the hook  
60 2 to permit the pin 1 to be readily engaged with or disengaged from garments or other articles to be fastened by the device.

From the foregoing description taken in connection with the accompanying drawings, the construction, operation and advantages of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of the invention, as defined by the appended claims.

Having thus described my invention, what I claim as new and desire to secure by Letters-Patent is:—

1. A device of the character described comprising a double hook, and a combined lock and guard consisting of telescopically engaged tubular sections adapted to receive the points of said hook.

2. A device of the character described comprising a double hook, a combined lock and guard consisting of telescopically engaged tubular sections adapted to receive the points of said hook, and means for holding said sections extended.

3. A device of the character described comprising a double hook, a combined lock and guard consisting of telescopically engaged tubular sections adapted to receive the points of said hook, and a bayonet slot and pin connection between said sections.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

H. P. COULTER.

Witnesses:

BENJ. G. COWL,  
H. B. MILLS.