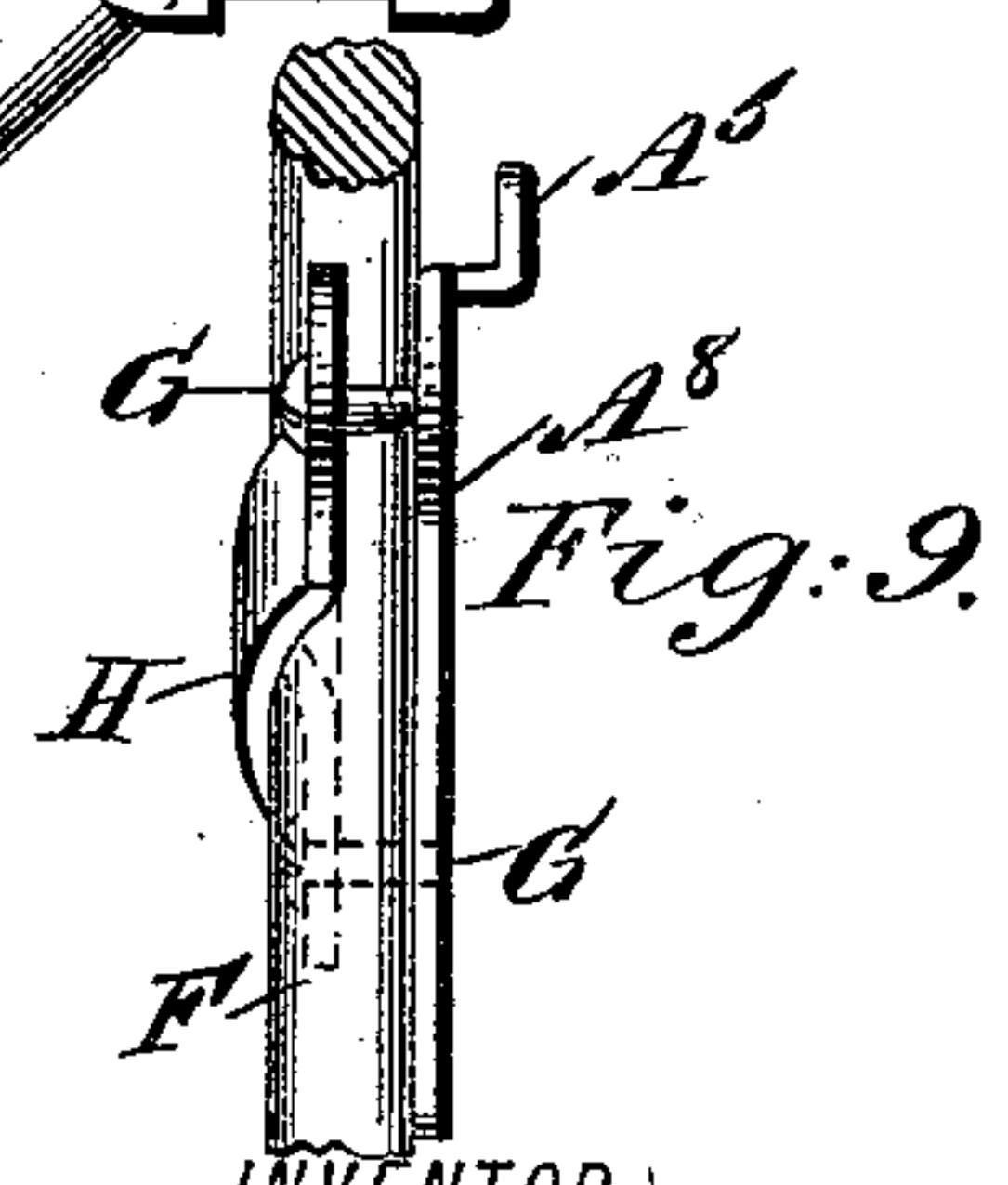
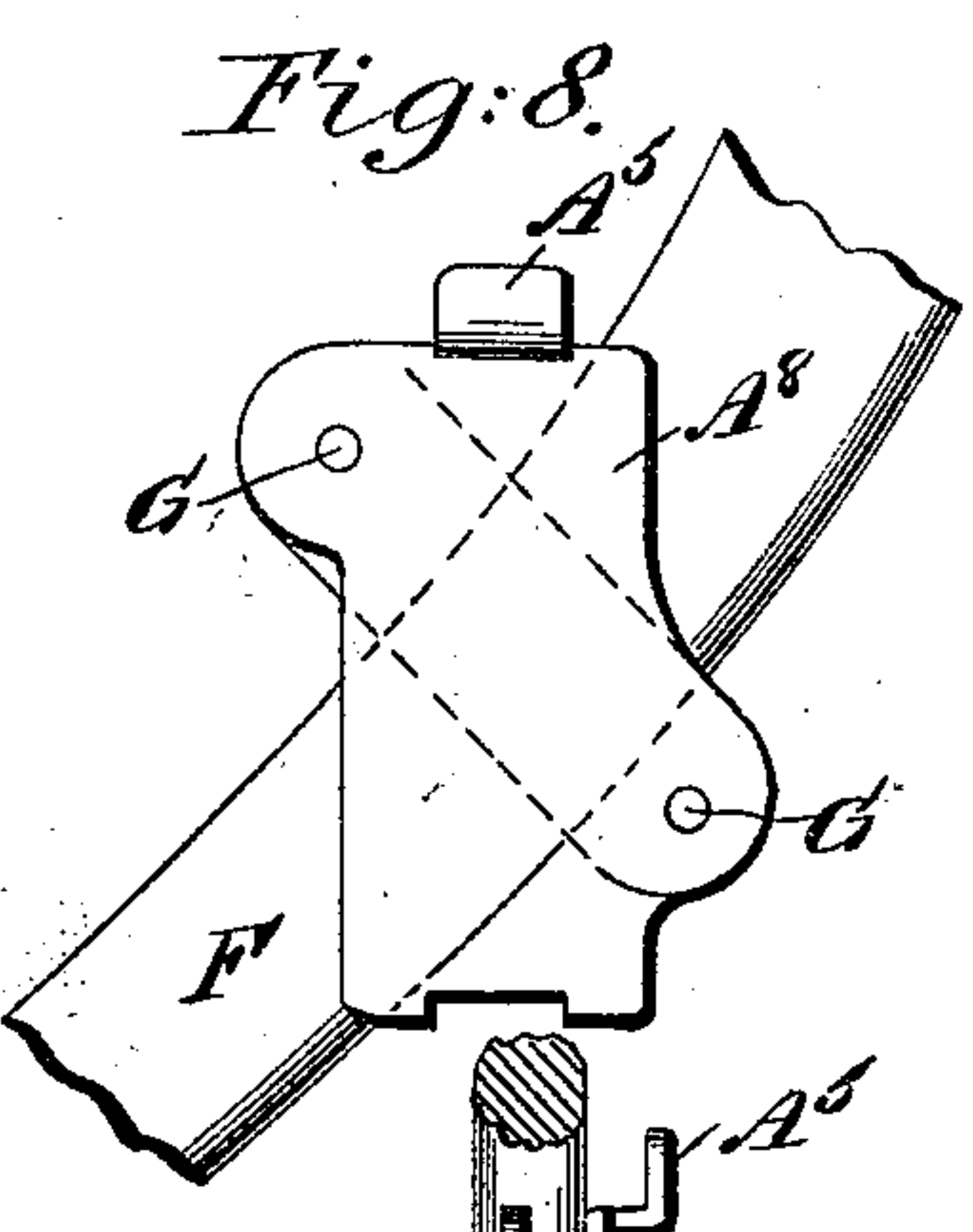
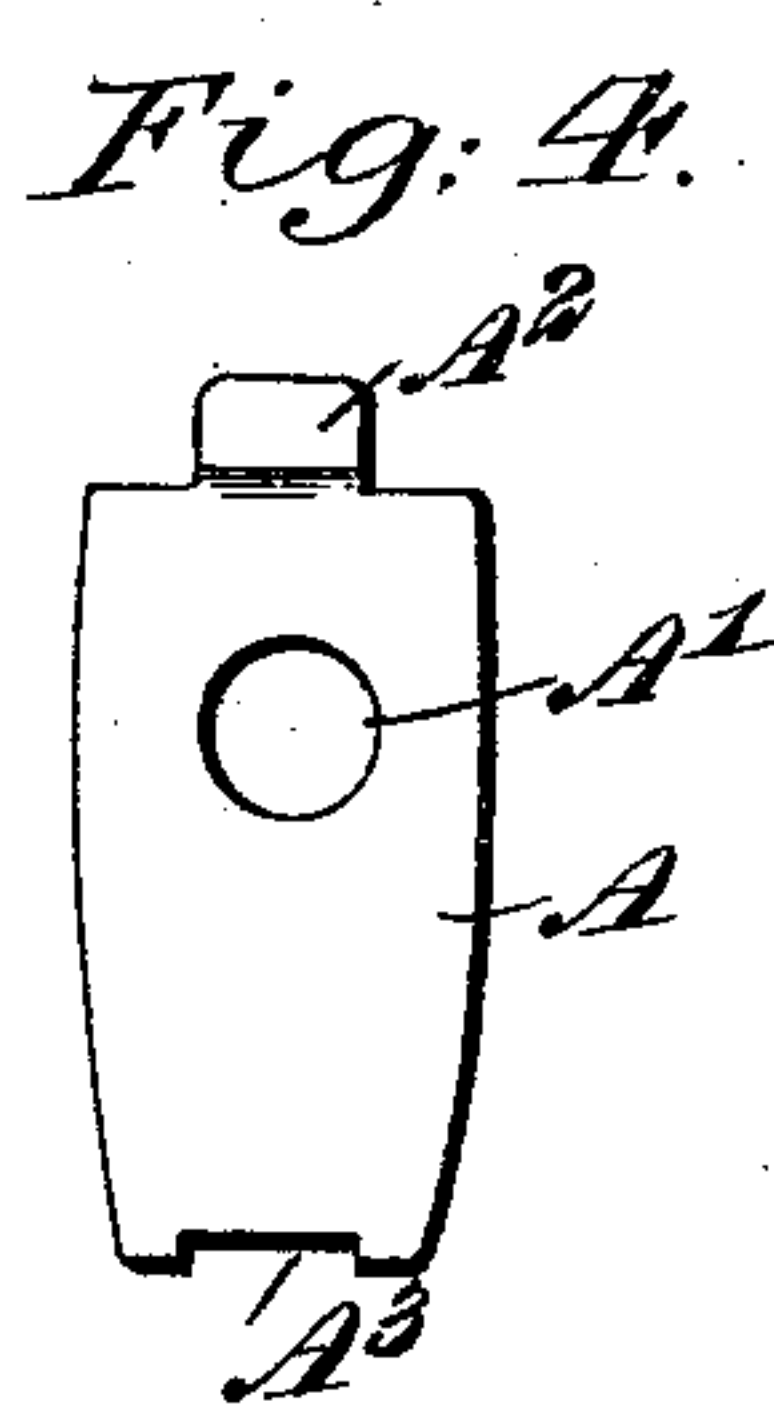
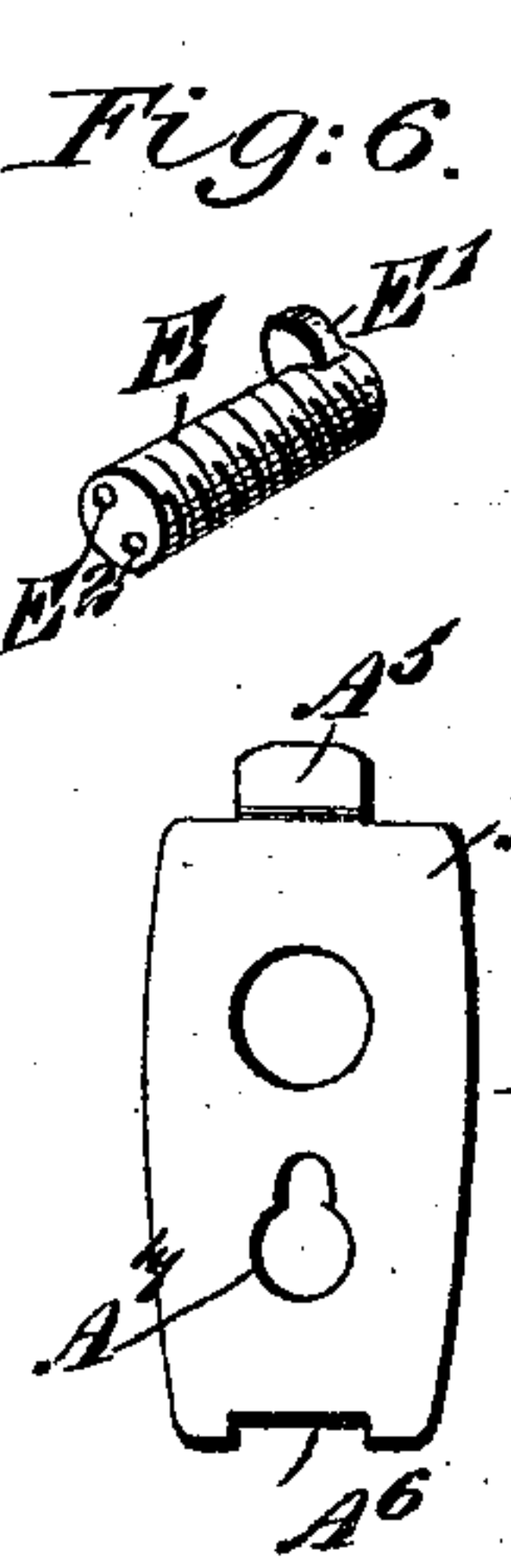
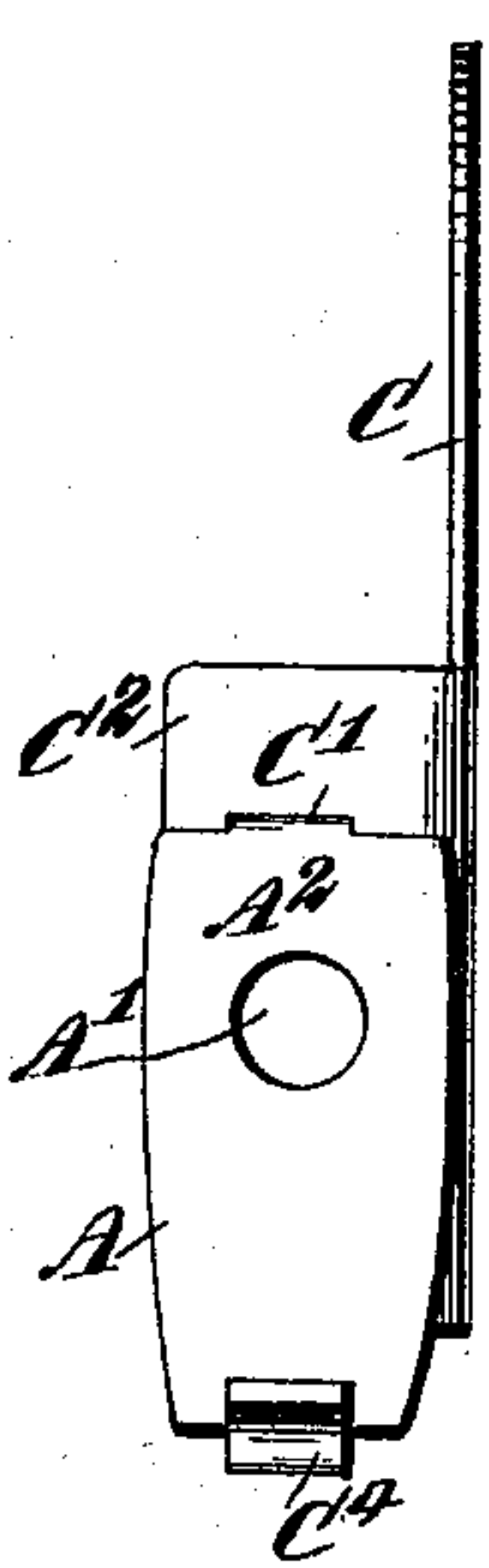
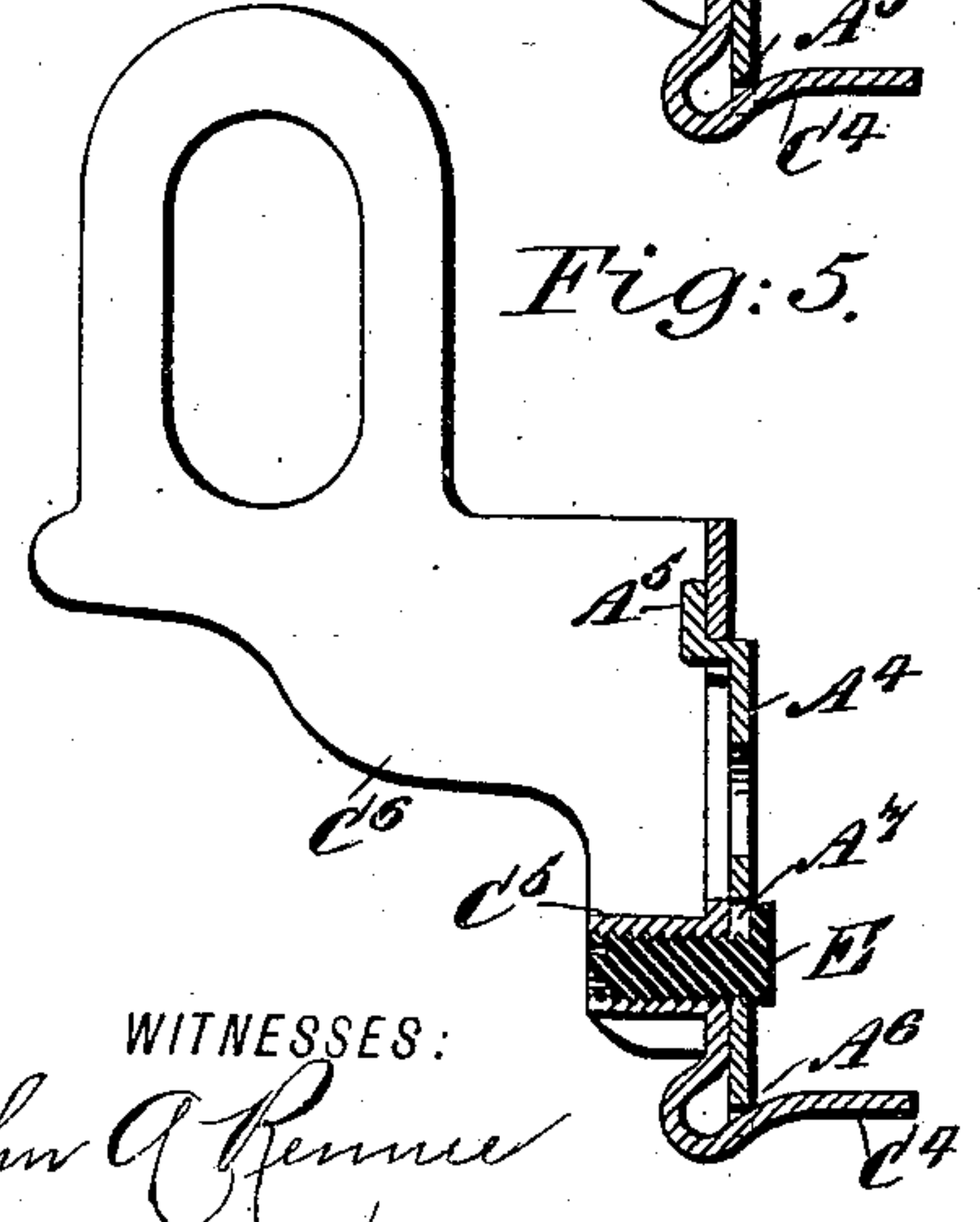
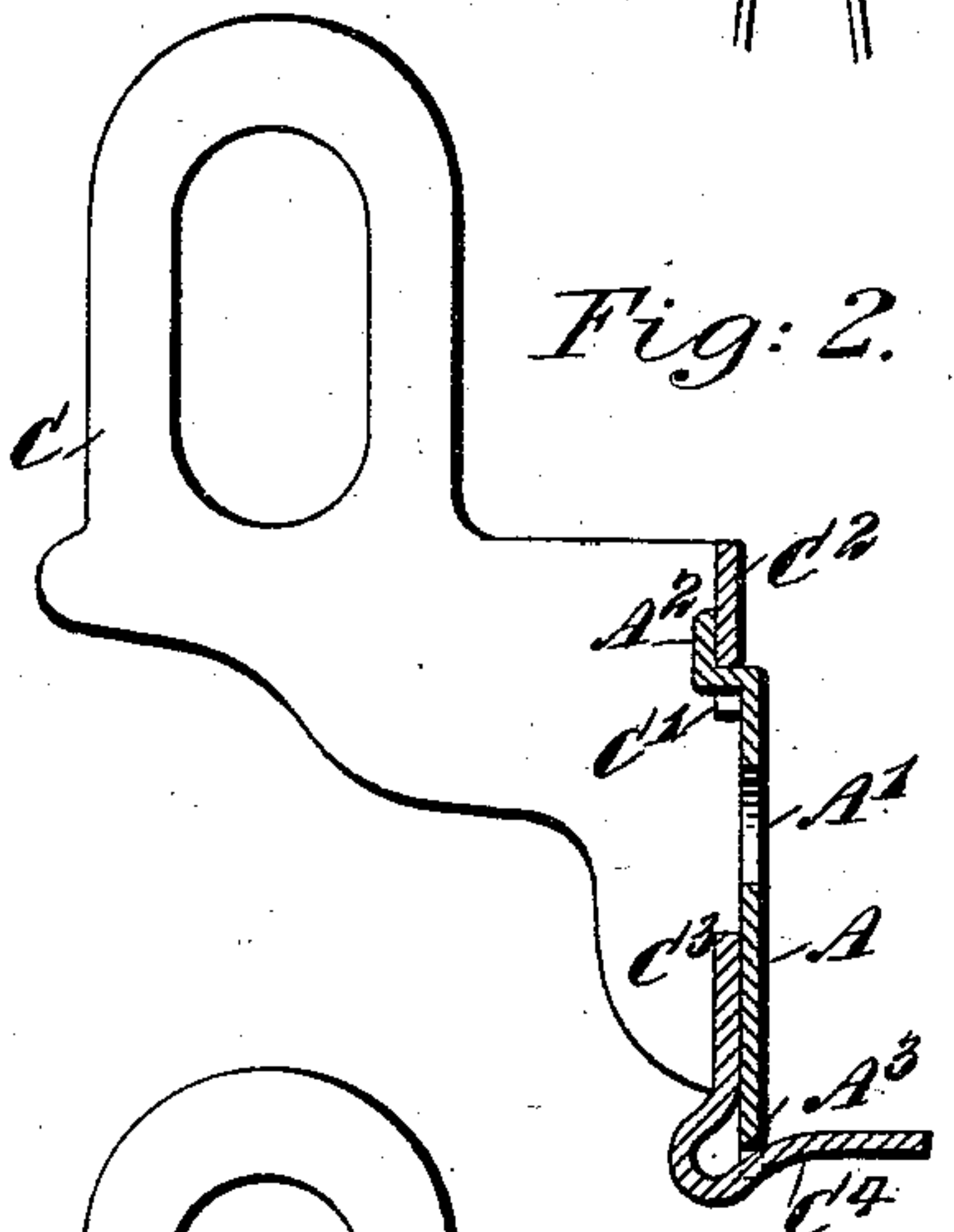
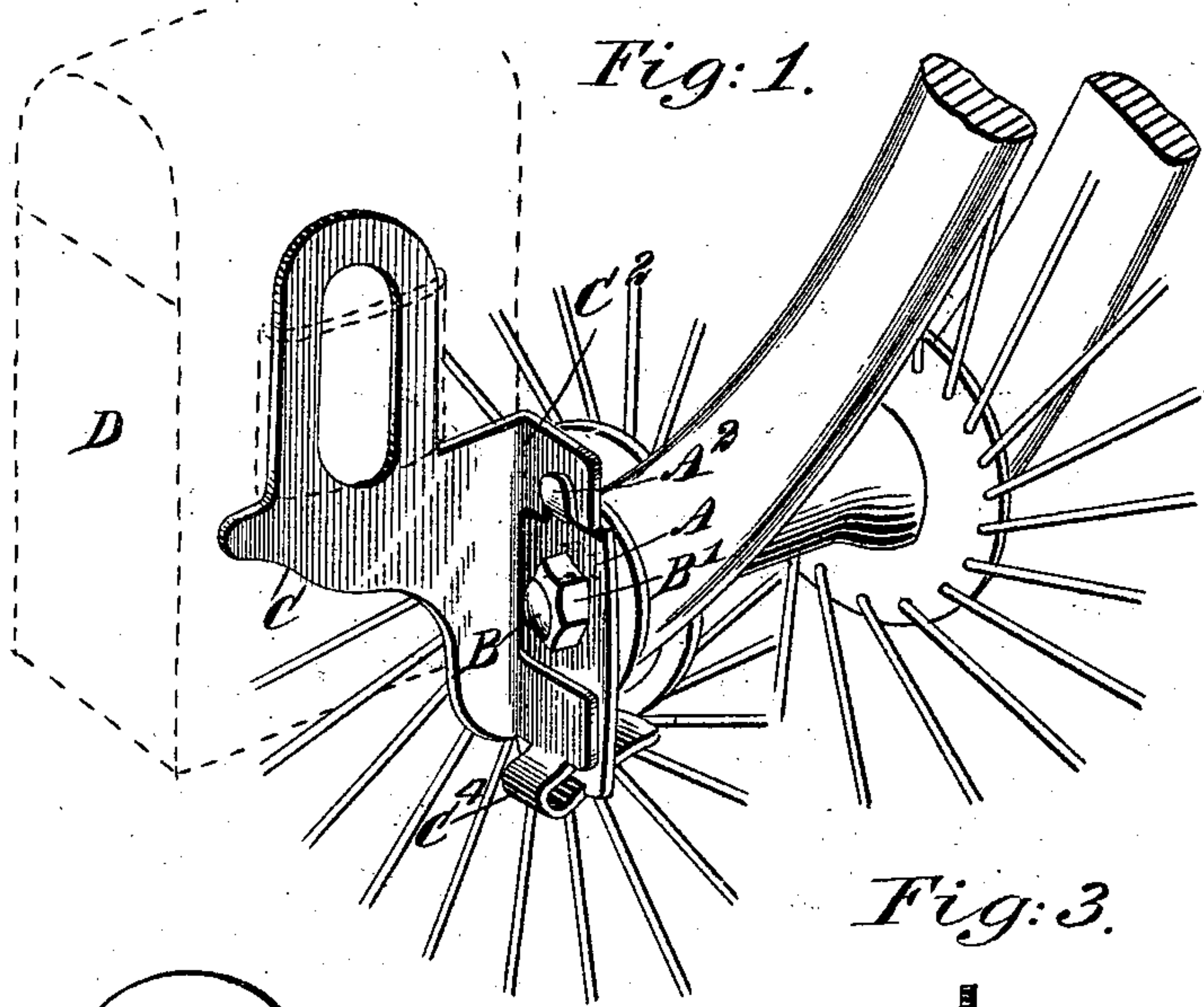


(No Model.)

J. E. BEAN.
BICYCLE LAMP BRACKET.

No. 551,570.

Patented Dec. 17, 1895.



WITNESSES:
John A. Remme
Rev. G. H. H. H.

INVENTOR
J. E. Bean
BY *Mum H.*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

JAMES E. BEAN, OF FOND DU LAC, WISCONSIN.

BICYCLE-LAMP BRACKET.

SPECIFICATION forming part of Letters Patent No. 551,570, dated December 17, 1895.

Application filed August 29, 1895. Serial No. 560,922. (No model.)

To all whom it may concern:

Be it known that I, JAMES E. BEAN, of Fond du Lac, in the county of Fond du Lac and State of Wisconsin, have invented a new and Improved Bicycle-Lamp Bracket, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved bicycle-lamp bracket which is simple and durable in construction and arranged for convenient attachment to the bicycle or removal therefrom without disconnecting the lamp and the bracket.

The invention consists principally of a bracket adapted to carry a lamp and formed with a flange having a spring-catch, and a plate adapted to be fixed to a stationary part of the bicycle, and adapted to be engaged by the said catch.

The invention also consists of certain parts and details and combinations of the same, as will be fully described hereinafter, and then pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of the improvement. Fig. 2 is a cross-section of the same. Fig. 3 is a rear elevation of the same. Fig. 4 is a face view of the plate. Fig. 5 is a cross-section of the improvement provided with a lug for the bracket and catch. Fig. 6 is a perspective view of the locking-stud. Fig. 7 is a face view of a modified form of the plate. Fig. 8 is a side elevation of a modified form of the plate attached to a bicycle, and Fig. 9 is an end elevation of the same.

The improved bicycle-lamp bracket, as illustrated in Figs. 1, 2, 3, and 4, is provided with a plate A formed with an opening A' to fit on the threaded end B of the axle of the front wheel, as illustrated in Fig. 1, the said plate resting with its inner face against the lower end of the bicycle-fork and is held in this position by the nut B' screwing on the threaded end B. On the upper end of the plate A is formed a lug A² adapted to pass into a recess or notch C' cut in the flange C², projecting at right angles from the bracket C on which the lamp D is fastened. The lug A² rests against the front face of the flange, as is

plainly shown in the drawings, and the lower end of the plate A is formed with a notch A³ adapted to be engaged by a spring-catch C⁴, formed integral with a second flange C³, likewise projecting from the bracket C and in alignment with the flange C².

It will be seen that by the arrangement described, the plate A rests with its upper and lower portions on the rear faces of the flanges C² and C³, and is securely held in position on the flanges by the lug A² and the spring-catch C⁴. Now when it is desired to disconnect the bracket C from the plate A while the latter is fastened on the bicycle, as previously described, the operator simply presses the catch C⁴ downward, to loosen the connection between the flanges C³ and C² and the plate A to permit of finally moving the entire bracket out of engagement with the said plate. Thus the lamp D, firmly secured on the said bracket C, can be readily removed at any time, without detaching the plate A from a stationary part of the bicycle.

In order to prevent a removal of the bracket C carrying the lamp D from the plate A by unauthorized persons, I provide a locking device for locking the bracket to the plate, and this arrangement is shown in detail in Figs. 5, 6 and 7. The plate A⁴ is for this purpose provided with an opening A⁷, through which passes a threaded stud E, formed at its rear end with a head E' adapted to pass over the face of the plate A⁴, to lock the latter in place, and also adapted to pass in alignment with a correspondingly-shaped recess leading to the opening A⁷, to permit of disconnecting the bracket from the plate A⁴. The threaded stud E screws in a threaded socket C⁵, forming part of the bracket C⁶, and in the front end of the said stud are formed recesses E² for engagement with a suitable wrench, for turning the said stud E in position to lock the plate A⁴ and bracket C⁶ together, or to bring the lug E' in alignment with the recess leading to the opening A⁷, to disconnect the bracket and plate.

As shown in Figs. 8 and 9, the plate A⁸ is attached directly to the fork F of the bicycle, and for this purpose the plate, which is also provided with the lug A⁵ for engagement with the upper flange and with the notch for engagement with the spring-catch, is connected by screws G with a clip-plate H, engaging the

fork F on the opposite side to that on which the plate A⁸ is fitted.

Having thus fully described my invention, I claim as new and desire to secure by Letters
5 Patent—

1. A bicycle lamp bracket, comprising a bracket adapted to carry a lamp and formed with flanges, one of which has a spring catch, and a plate adapted to be fixed to a stationary
10 part of the bicycle, and adapted to be engaged by the said catch, the plate resting against the flanges, substantially as shown and described.

2. A bicycle lamp bracket, comprising a plate adapted to be secured to a stationary
15 part of the bicycle, and formed at one end with a lug and at the other end with a notch, and a bracket having two flanges, one of which is notched and engages the said lug, and the

other flange is provided with a spring catch, to engage the notch in the plate, substantially
20 as shown and described.

3. A bicycle lamp bracket, comprising a plate adapted to be secured to a stationary part of the bicycle, and formed at one end with a lug and at the other end with a notch, a
25 bracket having two flanges, one of which is notched and engages the said lug, and the other flange is provided with a spring catch, to engage the notch in the plate, and a locking device for fastening the plate and bracket
30 together, substantially as shown and described.

JAMES E. BEAN.

Witnesses:

FRED L. FOSTER,

W. W. LAMB.