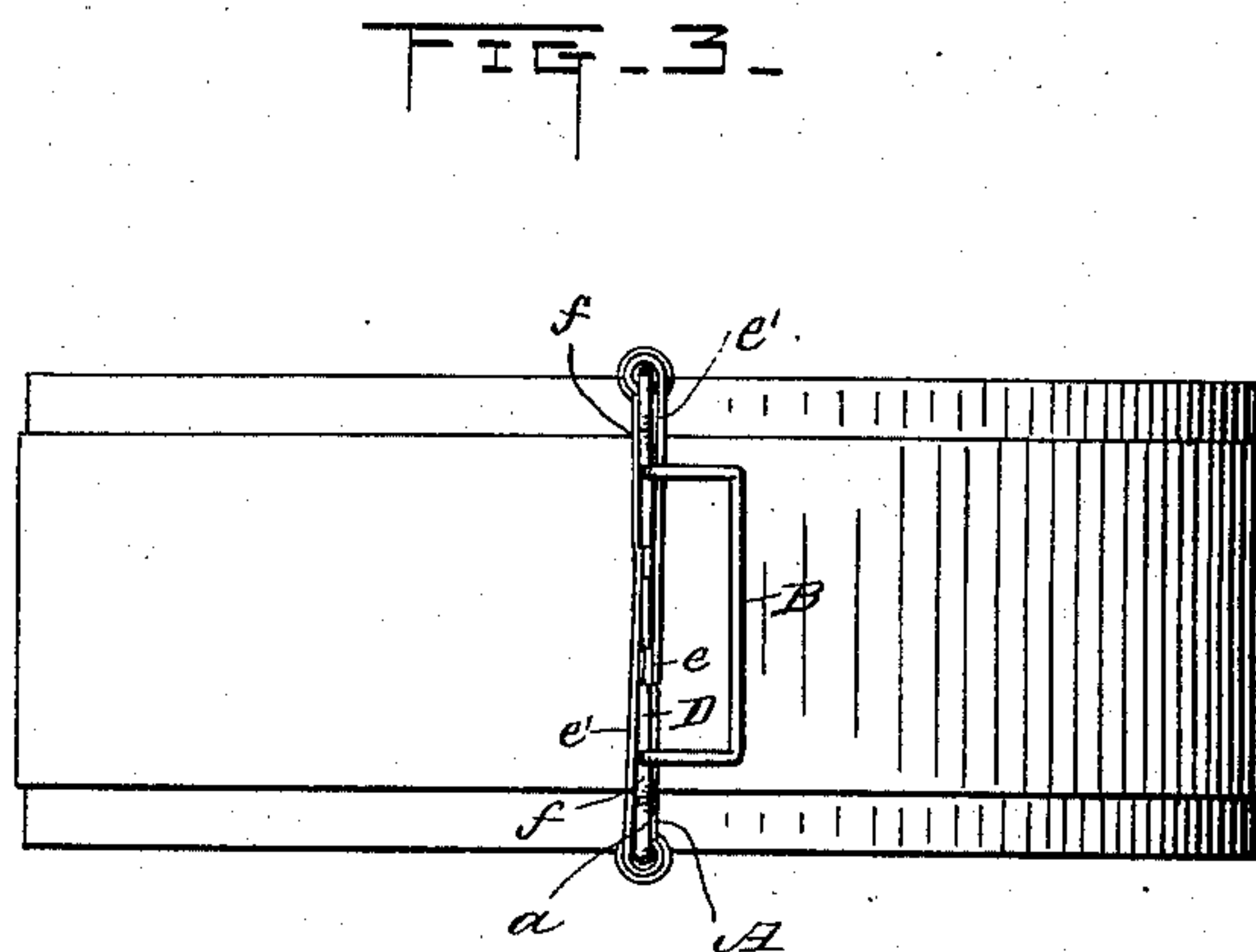
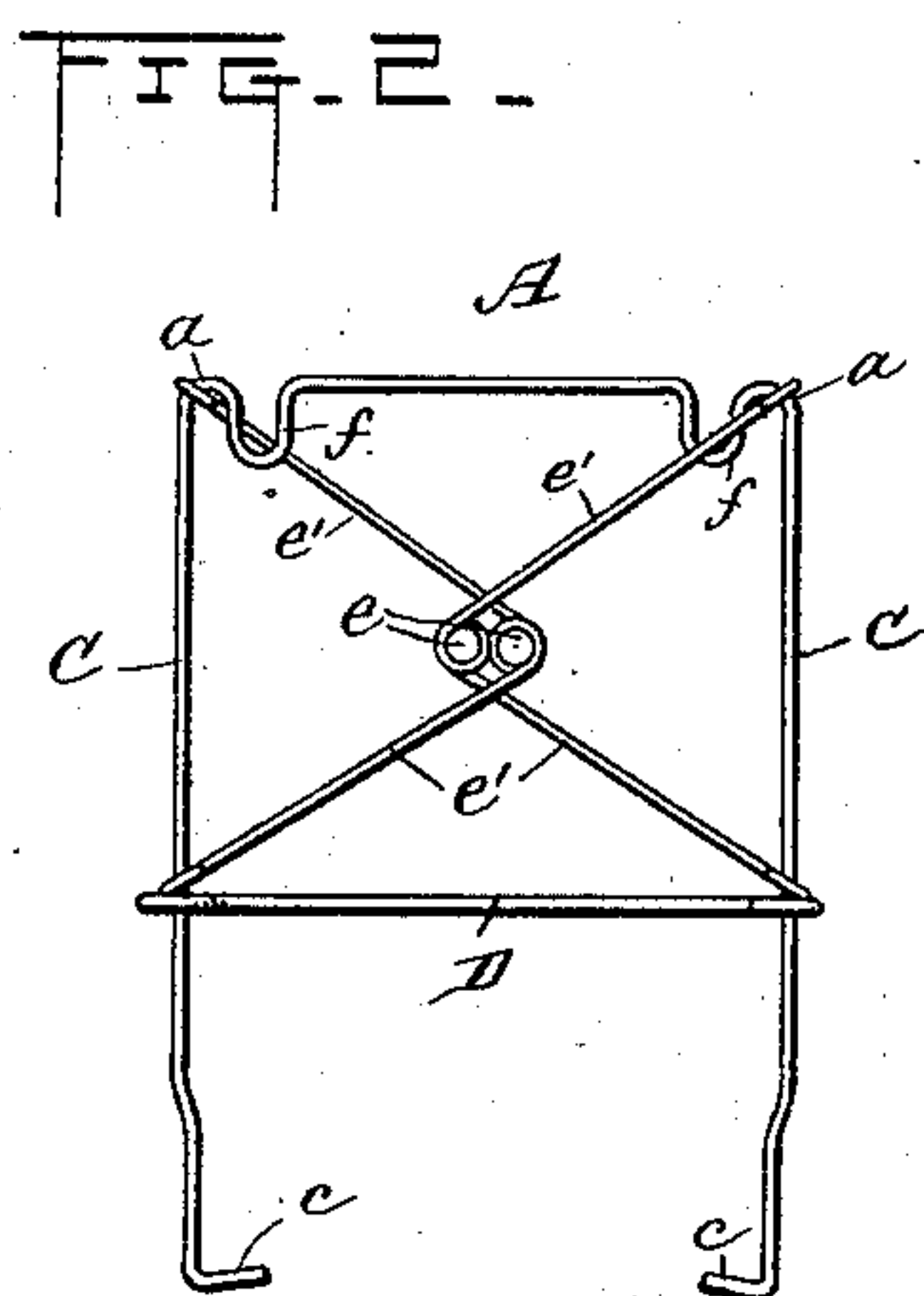
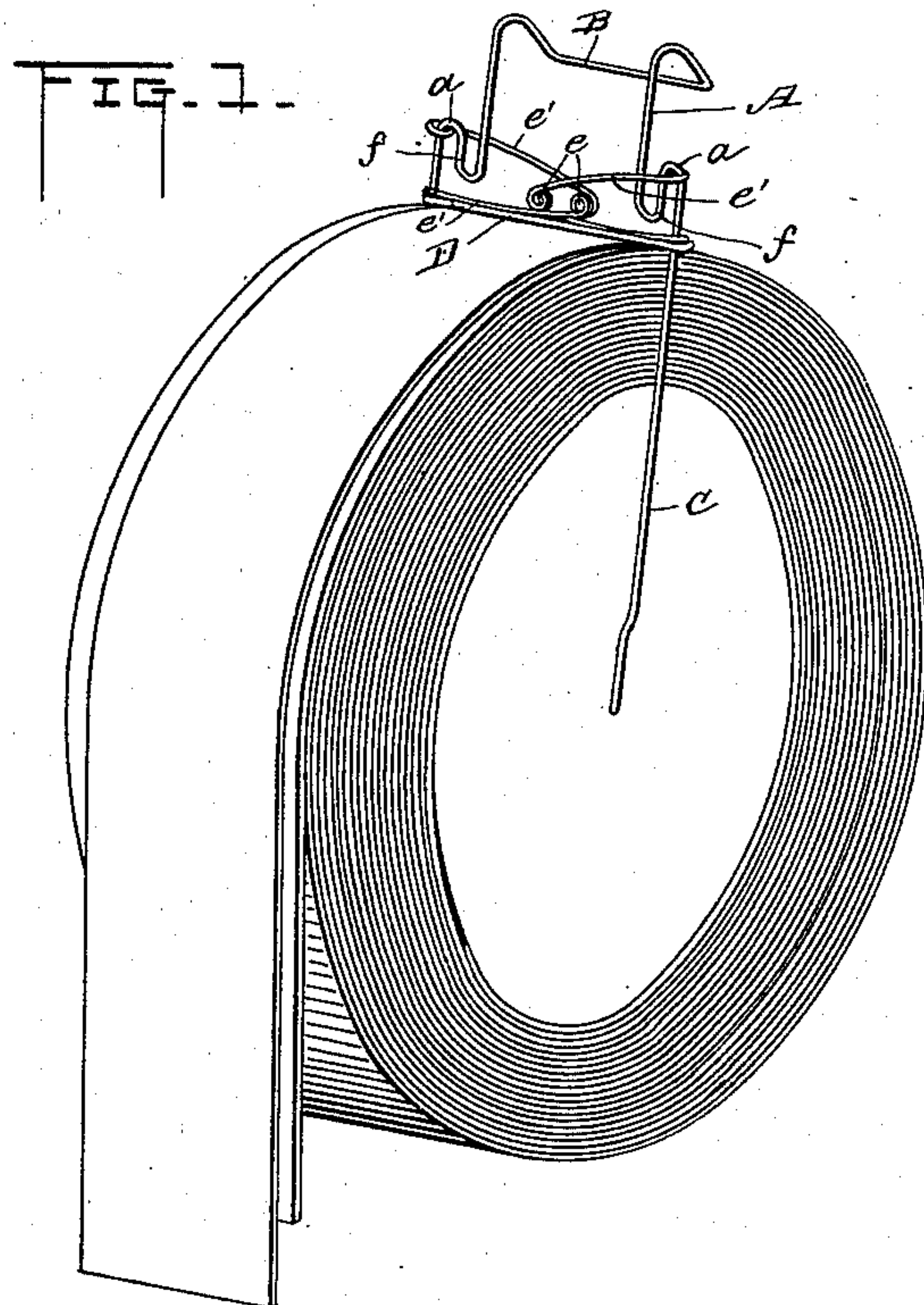


(No Model.)

D. H. DARBY & G. R. CHITTENDEN.  
CLASP FOR RIBBON ROLLS.

No. 406,517.

Patented July 9, 1889.



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# UNITED STATES PATENT OFFICE.

DANIEL H. DARBY AND GEORGE R. CHITTENDEN, OF MENDON, ILLINOIS.

## CLASP FOR RIBBON-ROLLS.

SPECIFICATION forming part of Letters Patent No. 406,517, dated July 9, 1889.

Application filed February 6, 1889. Serial No. 298,821. (No model.)

*To all whom it may concern:*

Be it known that we, DANIEL H. DARBY and GEORGE R. CHITTENDEN, both of Mendon, in the county of Adams and State of Illinois, have invented certain new and useful Improvements in Devices for Holding Rolls of Ribbon and other Goods; and we do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, and to the figures and letters marked thereon.

This invention has for its object to provide a light, simple, and cheap holder for the end of a roll or spool of goods—such as ribbon or tape—which will retain the end firmly whether the roll be full or partially used without interfering with the ready removal of the material as desired, and which will also keep the material remaining in the roll smooth and in good shape, whereby the goods may be readily handled and the ease with which they may be inspected or displayed, either by being suspended or exposed in show-cases, greatly facilitated.

To these ends the invention consists in certain novel features of construction and combinations and arrangements of parts, all as will be hereinafter described, and pointed out particularly in the claims at the end of this specification.

In the accompanying drawings, Figure 1 is a perspective view of a roll of ribbon having a holder embodying our invention applied thereto. Fig. 2 is an enlarged front elevation of a holder removed from the spool. Fig. 3 is a top plan view, Fig. 1.

Similar letters of reference in the several figures indicate the same parts.

We preferably form the device as shown in Fig. 1, in which the main frame A is composed of a single piece of spring-wire bent at the center into a suspension-hook B and having the two extended arms C, with inwardly-turned ends c for engagement with suitable apertures at the center of the roll.

Extending between and mounted on the two arms C is a sliding pressure-bar D, also formed of wire, and which is held in engagement with the periphery of the roll by suitable springs. These springs, it will be observed, are two in

number, formed with the central coils e and the extended arms e', one of which bears against said bar and the other one of which engages a shoulder or bend a in the main frame above the bar. In applying the springs they are placed so as to lie in the plane of the main frame, for which purpose it will be seen that their inner ends cross and are passed one through the other, as shown clearly in Fig. 3. The shoulders a on the main frame are formed by bending the main frame inward and downward into loops f, from the top of which the connecting portion of the frame may extend straight across to the opposite side, the upper arms of the springs being thereby afforded a bearing against the side of the loops, which prevents the swinging of the springs out of their true plane.

The presser-bar D is designed to rest at all times on the material contained in the roll near the free end, and as the material is used to follow with an even and regular pressure until the entire roll is removed, when the holder can be easily removed from the empty spool by springing the inwardly-turned ends of the arms out of the central aperture, when the device is ready for application to a new roll of material.

It will be observed that by reason of the presser-bars sliding in a line directly toward the center of the roll it will give readily to any irregularities in the contour of the roll, and will not bind, thereby facilitating the free removal of the material under all conditions.

When the preferred form (shown in Fig. 1) is employed, the rolls or spools may be suspended from a suitable bar or hanger in the most advantageous position for display or inspection without necessitating the handling of the entire rolls.

While we have described our device as applied solely to rolls of ribbon, &c., we do not wish to be limited thereto, as it is obvious that it may be applied to other articles of rolled material in which it is desired that the ends of the material should be confined and the rolls kept smooth and even without departing from the spirit of our invention. Neither do we wish to be limited specifically to a holder having the frame formed entirely of spring-wire, although such material has been found to be



particularly well adapted for the purpose and is preferably employed.

Having thus described our invention, what we claim as new is—

5 1. In a holder for rolled material, the combination, with the two spring-arms and connecting-frame, of the presser-bar mounted and adapted to slide on said arms, and the springs for holding said bar depressed against the cir-  
10 cumference of the roll, substantially as described.

2. In a holder for rolled material, the combination, with the two arms and connecting-frame, of the presser-bar mounted and adapted  
15 to slide on said arms, and the springs, one of the ends of which engages shoulders or projections on the frame, and the opposite ends of which engage the presser-bar to hold the same depressed, substantially as described.

20 3. In a ribbon-holder, the combination, with

the main frame formed with the depending arms and the bends or shoulders *a*, of the presser-bar and the springs resting thereon for holding the same depressed and engaging the said bends or shoulders, substantially as  
25 described.

4. In a ribbon-holder, the combination, with the main frame formed of a single piece of spring-wire, having the depending arms with the inwardly-turned ends, the shoulders *a*,  
30 and the suspension-hook, of the presser-bar adapted to slide on said arms, and the springs resting thereon and engaging said shoulders to hold the bar depressed.

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Witnesses:

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