

No. 874,139.

PATENTED DEC. 17, 1907.

A. W. ULLOM.

CLIP.

APPLICATION FILED JULY 1, 1907.

Fig. 1.

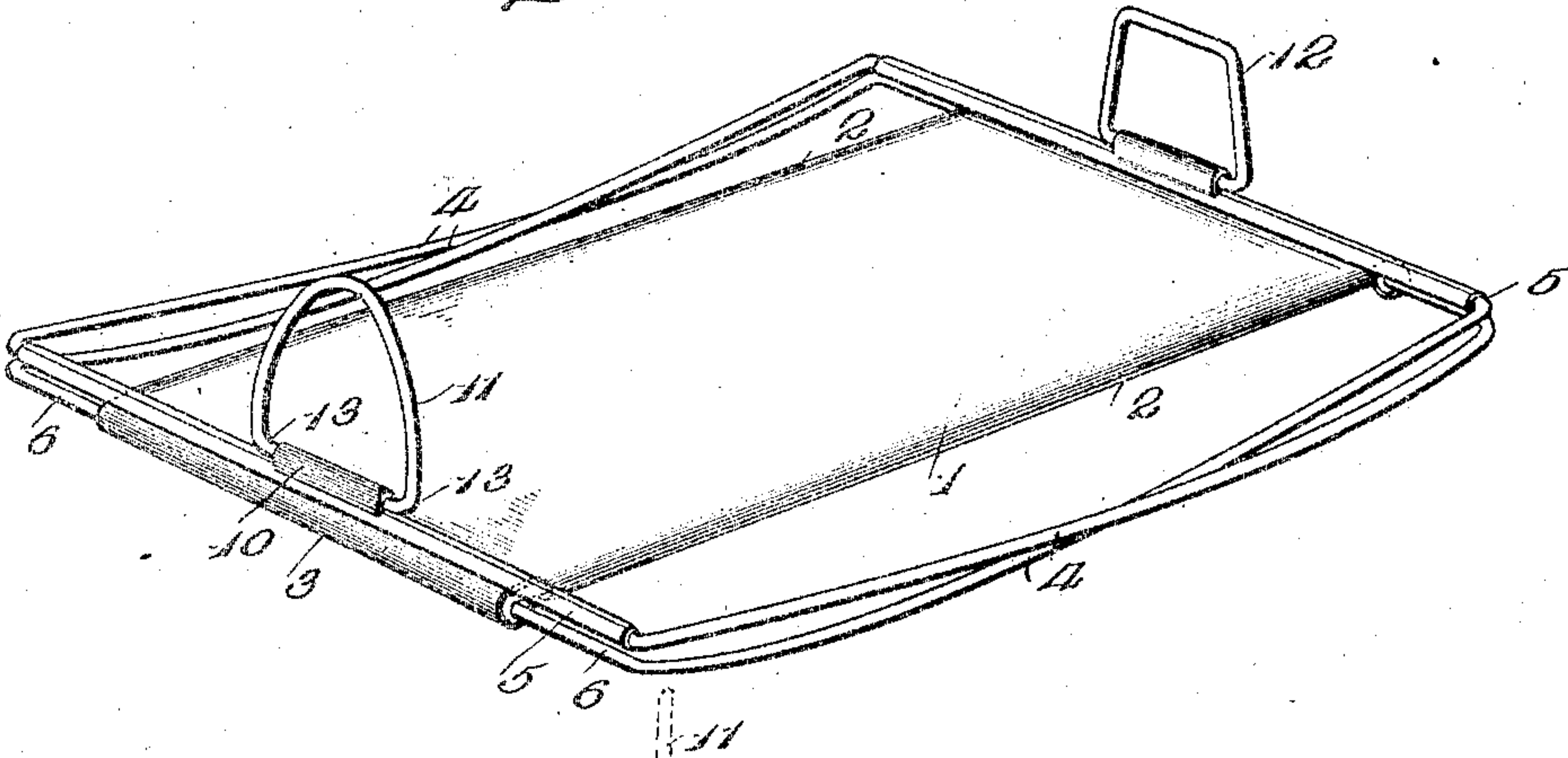


Fig. 2.

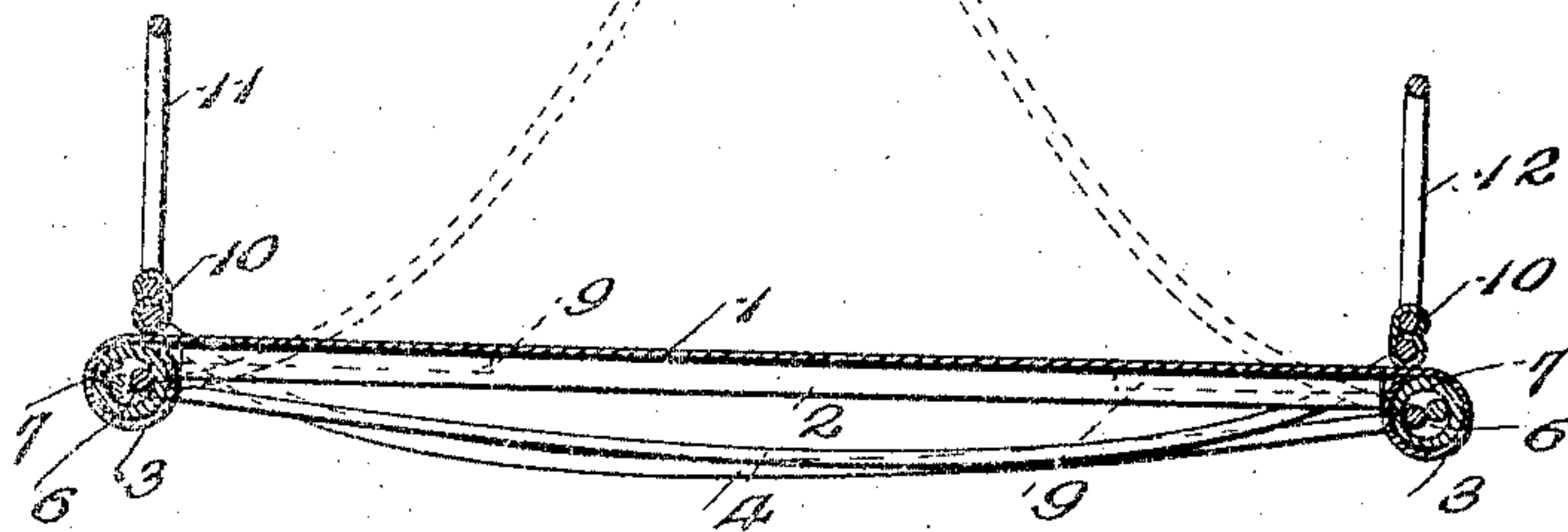
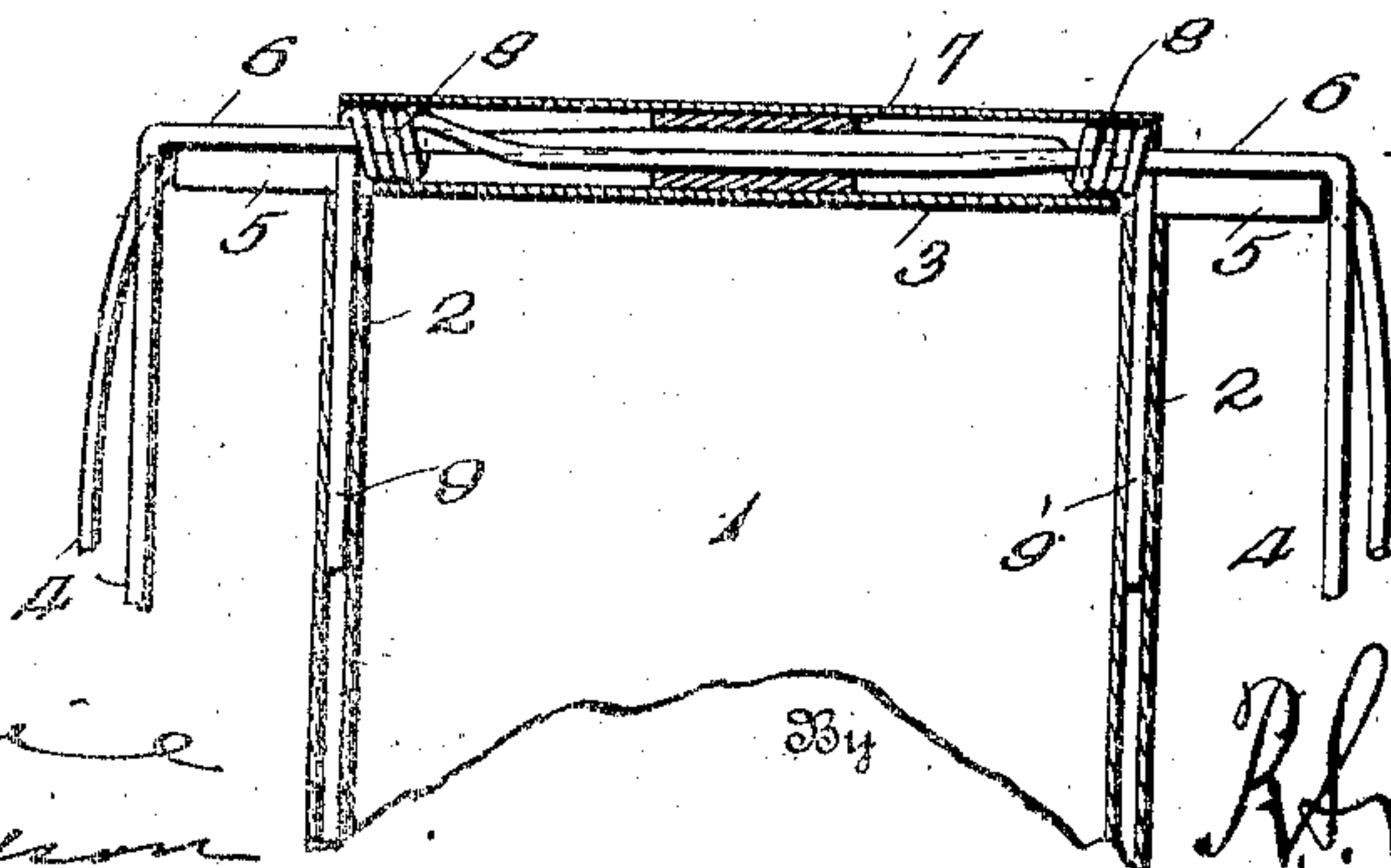


Fig. 3.



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CLIP.

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To all whom it may concern:

Be it known that I, ANDREW W. ULLOM, citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Clips, of which the following is a specification.

The present invention relates to improvements in spring clips of that character which are designed to be applied to a plurality of papers for the purpose of holding the same in a tightly compressed bundle whereby they are prevented from disarrangement and loss.

The clip is of simple and inexpensive construction and comprises essentially a base and a pair of jaws which are normally spring pressed toward the base, the said jaws and springs coöperating therewith being peculiarly designed so as to be readily formed from a single strip of material.

The invention further contemplates the provision of novel means for locking the two spring jaws together and holding the same in an inoperative position when arranging the papers within the clip or removing the same therefrom.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction and the means for effecting the result, reference is to be had to the following description and accompanying drawings, in which:

Figure 1 is a perspective view of a spring clip embodying the invention. Fig. 2 is a longitudinal sectional view through the same the jaws being shown in dotted lines as locked in an inoperative position. Fig. 3 is a horizontal sectional view through the clip.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

Referring to the drawings which illustrate one embodiment of the invention the numeral 1 designates the base which is preferably of an elongated formation and may be formed of sheet material in which instance the longitudinal edges thereof are returned upon themselves as shown at 2 whereby longitudinal sockets are formed. It will also be observed that each end of the base 1 is formed with a tongue 3 which is also designed to be returned upon itself as will be hereinafter more fully described and form a housing for protecting the spring members employed

for actuating the jaws. The two jaws A—A are of like formation and are applied to opposite ends of the base 1. Each of the jaws comprises the longitudinal side pieces 4 having the outer ends thereof connected by a cross bar 5 while the inner ends are formed with the inwardly bent extensions 6, the end portions of which overlap each other and are received by the sleeve 7. It will be readily apparent that a single length of wire may be utilized in the formation of each of the jaws, and the extremity of each of the inward extensions 6 is coiled about the opposite extension to form the springs 8. After forming the springs the ends of the wire are bent laterally to form the arms 9 which are disposed approximately parallel to the side pieces 4 of the jaws and are designed to be received within the sockets formed by the returned longitudinal edges of the base plate 1. It will thus be apparent that in assembling the various members of the clip the arms 9 of each of the jaws A—A are inserted within the longitudinal sockets along the edges of the plate and after the jaws are in position the tongues 3 at opposite ends of the base plate are bent around the springs 8 so as to completely inclose the same and form a protective casing. The various members are so arranged that when thus assembled the springs 8 tend to force the jaws inwardly against the base 1 and the cross bars 5 are spring pressed toward the base so as to compress any papers or like members tightly against the same.

A sleeve 10 may be applied to the cross bar 5 of each of the jaws, and these sleeves carry the finger-loops 11 and 12 respectively, the said finger loops being designed to have an interlocking connection whereby the two jaws may be held spaced from the base and in an inoperative position. In the preferred form of the invention the finger loop 12 is slightly contracted toward the outer end thereof, the inner end being of a greater width than that of the opposite finger loop 11 while the outer end has a somewhat smaller width and is designed to engage the rounded corners 13 at the base of the said opposite finger loop. When it is desired to lock the jaws in an inoperative position the finger loop 11 is inserted through the base of the finger loop 12 and then permitted to move outwardly until the rounded corners 13 of the first mentioned finger loop are engaged by the contracted outer end of the second mentioned finger loop. The papers can then be

arranged upon the base 1 in the desired manner or removed therefrom as may be desired. Upon disconnecting the finger loops the two jaws A—A spring back against the base so as
5 to tightly compress the papers against the same and hold the papers securely against either disarrangement or loss.

Having thus described the invention, what is claimed as new is:

10 1. In a clip of the character described, the combination of a base, a jaw comprising side pieces having their outer ends connected, extensions projecting inwardly from the inner ends of the side pieces and overlapping each
15 other, a coil spring carried by the extremity of each extension and surrounding the opposite extension, and a lateral arm at the termination of each coil spring, the said lateral arms engaging the base.

20 2. In a clip of the character described, the combination of a base having longitudinal sockets formed along opposite edges thereof, a jaw comprising side pieces having their outer ends connected, extensions projecting
25 inwardly from the inner ends of the side pieces and overlapping each other, a coil spring carried by the extremity of each extension and surrounding the opposite extension, a lateral arm at the termination of each
30 coil spring, the said lateral arms being designed to be received within the before mentioned longitudinal sockets in the edges of the base, and a tongue projecting from the base and designed to be bent around the said
35 springs.

3. In a clip of the character described, the combination of a base formed of sheet material and provided at one end with a tongue, a jaw comprising side pieces having their outer
40 ends connected, extensions projecting inwardly from the inner ends of the side pieces of the jaw and overlapping each other, a coil spring carried by the extremity of each ex-

tension and surrounding the opposite extension, and a lateral arm at the termination of 45 each coil spring for engaging the base, the before mentioned tongue at one end of the base being bent around the springs to protect the same.

4. In a clip of the character described, the 50 combination of a base having longitudinal sockets at opposite edges thereof, a jaw comprising side pieces having their outer ends connected, extensions projecting inwardly from the inner ends of the side pieces and 55 overlapping each other, a coil spring carried by the extremity of each extension and surrounding the opposite extension, and a lateral arm at the termination of each coil spring, the said lateral arms being designed 60 to be received within the before mentioned longitudinal sockets.

5. In a clip of the character described, the combination of a base, a pair of jaws carried by the base, and finger loops applied to the 65 jaws, one of the finger loops being designed to be received within the opposite finger loop and to have an interlocking connection therewith for holding the jaws in an inoperative position. 70

6. In a clip of the character described, the combination of a base, a pair of jaws carried by the base, and a finger loop applied to each of the jaws, one of the loops being contracted laterally toward the end thereof and the op- 75 posite loop being designed to be passed through the base of the said loop and to engage the contracted end of the same for holding the jaws in an inoperative position.

In testimony whereof I affix my signature 80 in presence of two witnesses.

ANDREW W. ULLOM. [L. S.]

Witnesses:

LAURA WATKIN,
VICTOR PAUL.