

No. 814,851.

PATENTED MAR. 13, 1906.

F. E. LADD.

CLIP.

APPLICATION FILED DEC. 27, 1902.

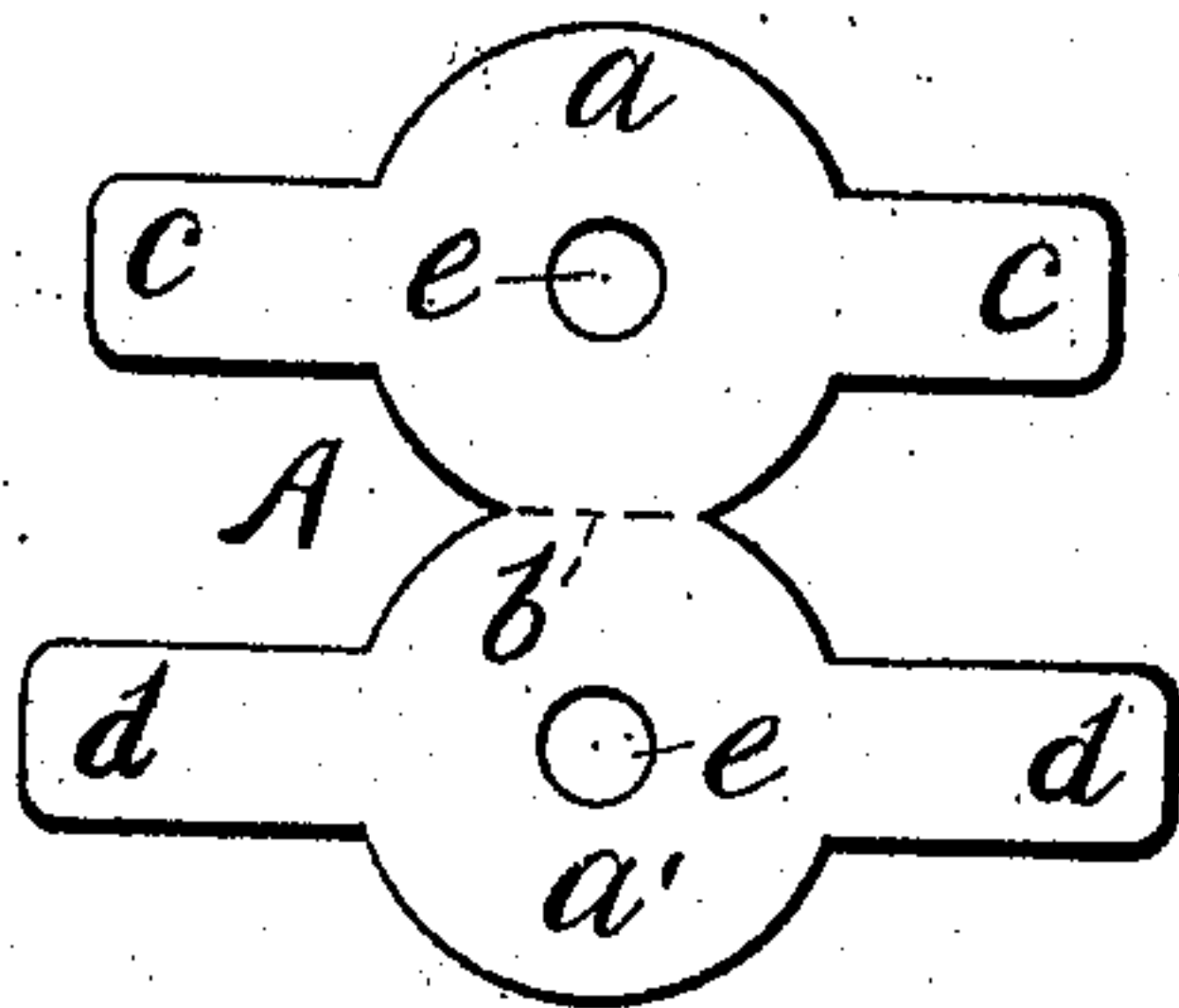


FIG. 1.

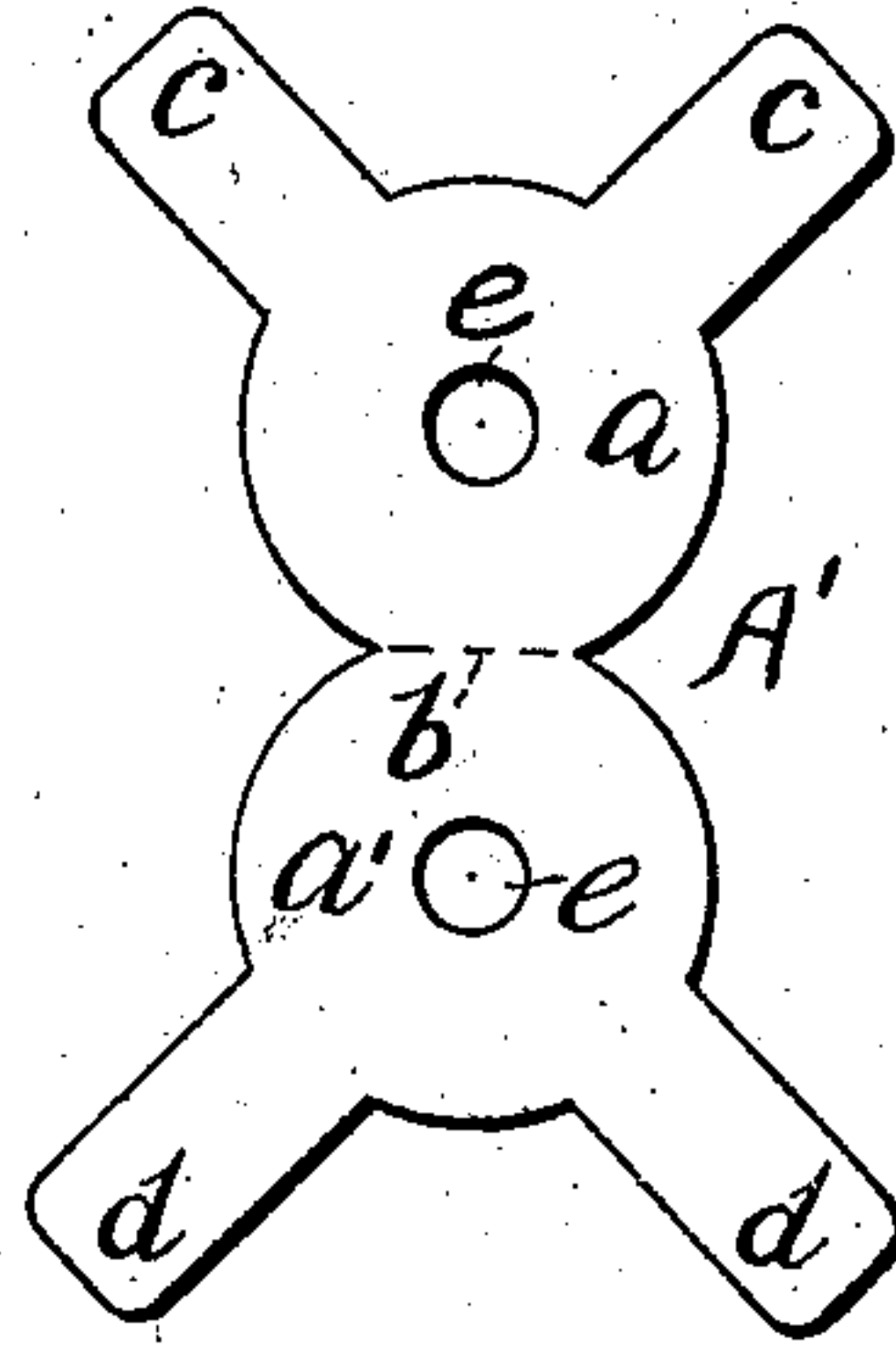


FIG. 2.

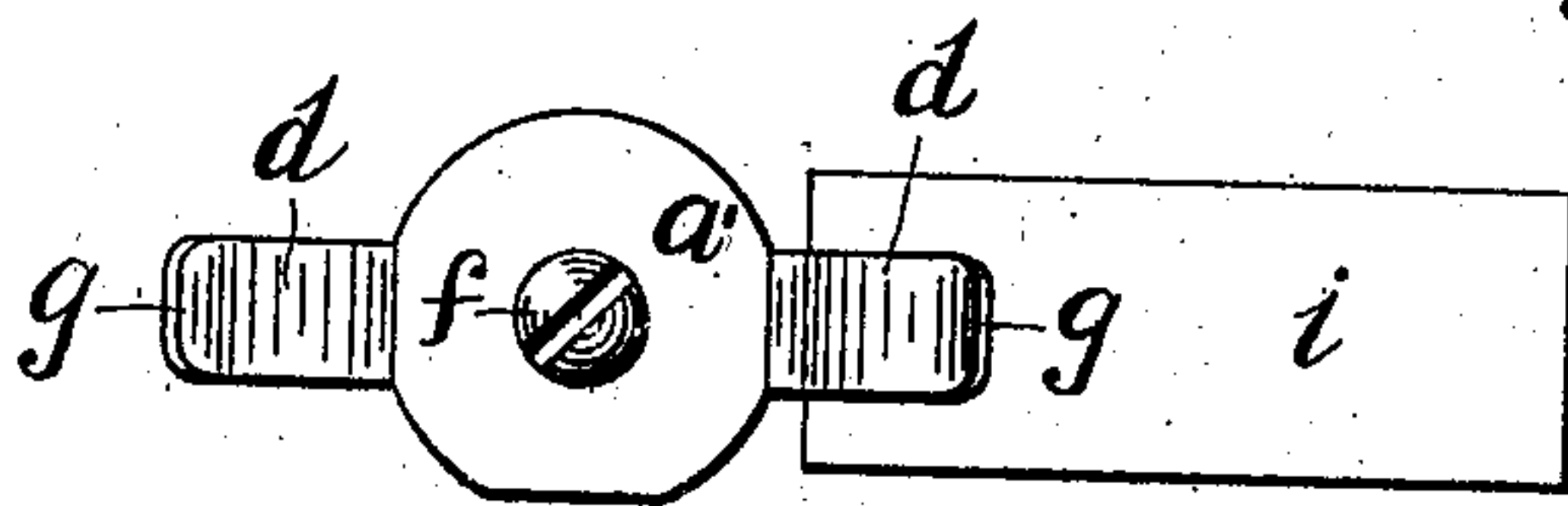


FIG. 3.

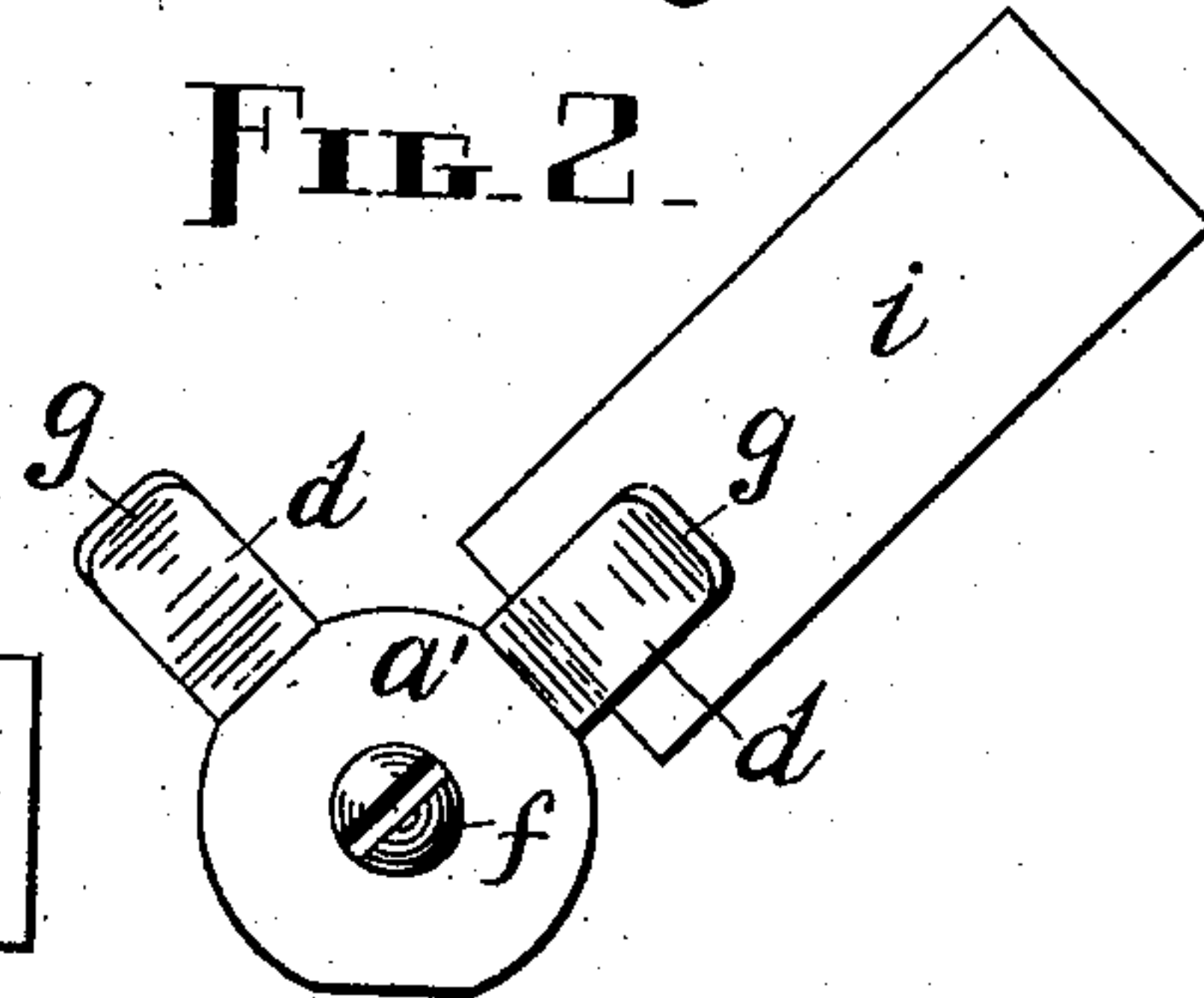


FIG. 4.

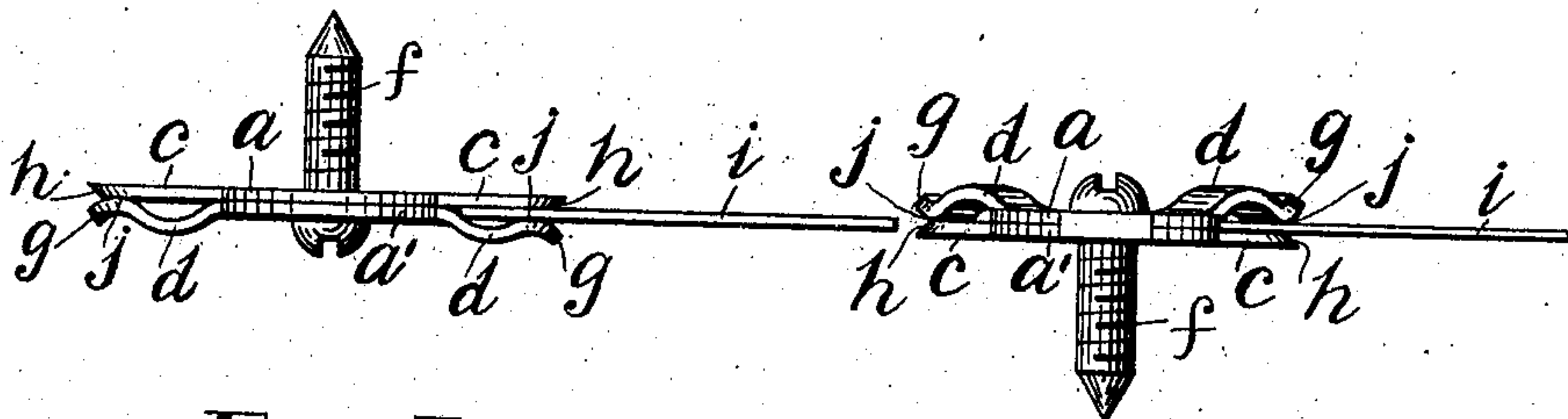


FIG. 5.

FIG. 6.

Witnesses
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UNITED STATES PATENT OFFICE.

FRANK E. LADD, OF SPRINGFIELD, MASSACHUSETTS.

CLIP.

No. 814,851.

Specification of Letters Patent.

Patented March 13, 1906.

Application filed December 27, 1902. Serial No. 136,861.

To all whom it may concern:

Be it known that I, FRANK E. LADD, a citizen of the United States, residing at Springfield, in the county of Hampden and Commonwealth of Massachusetts, have invented a new and useful Clip, of which the following is a specification.

My invention relates to improvements in clips for holding tickets and the like in which are employed a plurality of arms arranged in associated pairs about a common center, all in the manner hereinafter set forth and claimed.

The object of my improvement is to produce a neat, compact, and efficient clip for holding in such position as to display to advantage one or more tickets or other articles of a more or less similar character which are adapted to be thus held. Among other uses for which my clip is particularly adapted may be mentioned the retention of tickets and checks in railway-cars. Here a neat and compact clip is required and one which will firmly grasp and hold a ticket against the tendency to displacement incident to the motion of the car, yet not so firmly as to cause the ticket to be torn when withdrawn. Furthermore, the construction of the clip must be such as to enable one to easily and quickly thrust a ticket (or its equivalent) into its grasp. Such a device I have produced. I attain these objects by the means illustrated in the accompanying drawings, in which—

Figures 1 and 2 are plan views of blanks out of which two different styles of clip are made; Figs. 3 and 4, front views of clips made from the blanks in the preceding figures, each of said clips having a ticket held thereby; Fig. 5, a top edge view of the clip and ticket shown in Fig. 3, and Fig. 6 a bottom edge view of the clip and ticket shown in Fig. 4. In all of the views except the first two the screw which secures the clip to the wall or other abutment is shown.

Similar letters refer to similar parts throughout the several views.

In the construction of this clip I use a blank of more or less resilient metal having two body portions adapted to be bent together and each of which portions is provided with two laterally-extending or radial arms, two of the arms on one of the body portions being longer than those upon the other. Central openings are so formed in the aforesaid blanks as to coincide with each other when the body portions are bent together.

The arms also are so positioned as to coincide when the body portions are bent together. Before the blanks are bent the longer arms are pressed into suitable shape, as hereinafter described.

Referring to the views at the left of the sheet of drawings, A is a blank having disk-like portions or plates *a a'* which are adapted to be bent together at the line *b*, where they join, the plate *a'* bearing directly upon the plate *a*. Arms *c c* extend laterally from the plate *a*, and arms *d d*, which are longer than the arms *c*, extend laterally from the plate *a'*. The plates *a* and *a'* are each provided with a hole *e* for the reception of a screw *f*, by means of which the finished clip is secured in place. Each arm *d* is preferably curved outward immediately after leaving the plate *a'*, then inward, and finally outward again to form a lip *g*. When the blank A is bent together on the line *b*, the arms *c* and *d* coincide with each other, and the inwardly-bent portions of the arms *d* preferably come into contact with the arms *c*. Back of each lip *g* the end of the adjacent arm *c* may be beveled, as shown at *h*. The clip is firmly secured in position, with the back plate *a* and arms *c* against a wall or abutment and the front plate *a'* and arms *d* against the other plate and arms by means of the screw *f*. The arms *d* are made longer than the arms *c* originally, so as to compensate for the undulations in the latter; otherwise said arms *d* would be shorter than said arms *c* in the finished device.

From the foregoing it will be seen that the edge of a ticket *i* can be readily thrust between either of the lips *g* and the beveled part *h* of the corresponding arm *c*, or one corner of said ticket can be introduced between coinciding arms at a point where the front arm swells outward and forced between the part *f* of the arm *d* and the back arm, the resilient nature of said arm *d* permitting this to be done and also serving to hold the ticket in place until withdrawn. By rounding the outer ends of the arms provision is made for inserting the ticket at a variety of angles with equal facility.

The blank A', Fig. 2, differs from the blank A only inasmuch as the arms *c* extend upward at angles of about forty-five degrees to a line touching or cutting the bases of said arms at corresponding points from the plate *a*, and the arms *d* extend downward at corresponding angles from the plate *a'*, so that when the parts are bent together the arms

have an oblique instead of a horizontal direction. The clip shown in Figs. 4 and 6 is the same in all respects as the one previously described with the exception of the direction of
5 the arms, as above mentioned.

What I claim as my invention, and desire to secure by Letters Patent, is—

A clip comprising two contacting body portions having arms extending therefrom and
10 arranged in angular relation to each other, such body portions being joined together at

one side of said arms, and the arms of one body portion normally contacting with those of the other body portion, substantially as shown.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses. ¹⁵

FRANK E. LADD.

Witnesses:

F. A. CUTTER,
ALLEN WEBSTER.