Dec. 15, 1925. 1,565,501

F. H. ROBINSON, JR

PAPER CLIP

Filed June 19, 1924

Fig. 1.

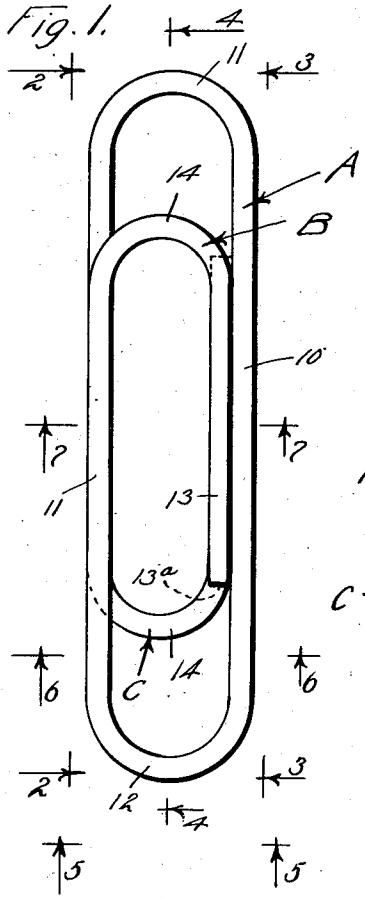


Fig. 2.

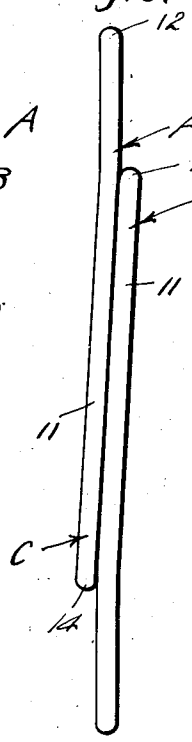


Fig. 3.

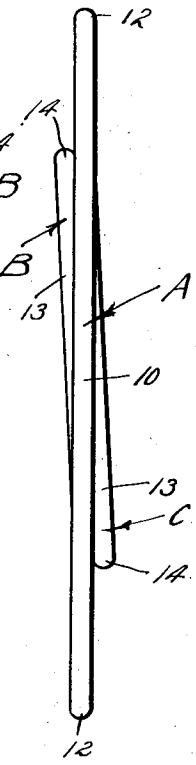


Fig. 4.

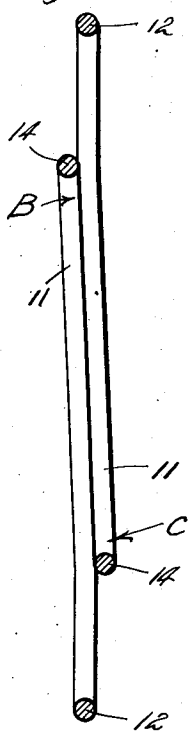


Fig. 5.

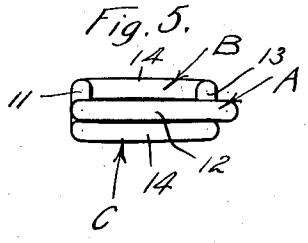


Fig. 6.

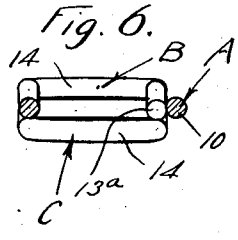
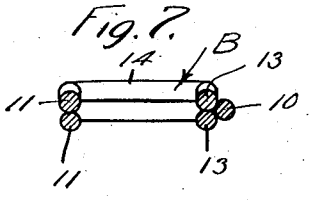


Fig. 7.



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his Attorney

Patented Dec. 15, 1925. 1,565,501

UNITED STATES PATENT OFFICE.

FRANK HOWARD ROBINSON, JR., OF BREA, CALIFORNIA.

PAPER CLIP.

Application filed June 19, 1924. Serial No. 720,940.

To all whom it may concern:

Be it known that I, FRANK HOWARD ROBINSON, Jr., a citizen of the United States, and a resident of Brea, county of Orange, State of California, have invented new and useful Improvements in Paper Clips, of which the following is a specification.

This invention has to do with a paper clip, and it is an object of the invention to provide a simple, effective and improved device of this character.

The present invention has particular reference to a wire paper clip useful for securing and clipping together papers, or the like.

It is a particular object of this invention to provide a clip of the character specified, which is double ended, that is, operable to receive papers at either or both ends.

Another object of this invention is to provide a double ended clip which is simple, effective and convenient to operate.

The various objects and features of this invention will be best and more fully understood by reference to the following detailed description throughout which description reference is had to the accompanying drawings in which

Fig. 1 is an enlarged front elevation of a clip provided by the present invention.

Fig. 2 is a side elevation of the clip being a view showing one side of the clip and being taken as indicated by line 2—2 on Fig. 1.

Fig. 3 is a side elevation of the other side of the clip being a view taken as indicated by line 3—3 on Fig. 1.

Fig. 4 is a longitudinal central detailed sectional view taken as indicated by line 4—4 on Fig. 1.

Fig. 5 is an end elevation of the clip taken as indicated by line 5—5 on Fig. 1.

Fig. 6 is a detailed transverse sectional view of the clip taken as indicated by line 6—6 on Fig. 1, and

Fig. 7 is a detailed transverse sectional view of the clip taken as indicated by line 7—7 on Fig. 1.

The clip provided by this invention is preferably formed of a single piece of wire of the proper size, and resiliency. The clip may be considered to comprise generally, a main or center jaw A and two outer jaws B and C.

The center jaw A is in the form of an elongated loop having a continuous side 10, a joined side formed of overlapping side parts 11 and curved or bowed ends 12, which connect the side parts 11 with opposite ends of the continuous side 10. The continuous side 10 and the overlapping side parts 11 are preferably straight, and extend longitudinally of the clip. The continuous side 10 and the ends 12 lay in a common plane which I will hereinafter term the plane of the loop. The side parts 11 are spaced from the continuous side 10, and overlap throughout a considerable distance so that each one extends to within a short distance of the end of the loop opposite to that to which it is connected. The overlapping portions of the side parts 11 are preferably inclined or tilted somewhat to the plane of the loop so that they are parallel and lay close together, one over the other, as illustrated in Fig. 2 of the drawings. With this arrangement, the outer or free ends of the sides 11 are at opposite sides of the plane of the loop.

Each of the outer jaws are U shaped and may be considered as comprising the outer portion of one of the side parts 11; a straight side part 13 arranged at the continuous side 10 of the loop and a bowed or curved end part 14 which connects the parts 11 and 13. The side parts 13 are arranged parallel to and directly opposite the side parts 11 to which they are connected as shown throughout the drawings. The side parts 13 are preferably arranged at the inner side of the continuous side 11 so that their free ends 13^a, which are the ends of the piece of wire out of which the clip is formed, are inside the continuous part 11, and are in the plane of the loop so that they do not protrude or interfere with the operation of the device.

From the foregoing description and from the drawings, it will be seen that the outer jaws B and C face or extend in opposite directions, that is, toward opposite ends of the center jaw, and that the center jaw is double ended. The jaws are related so that either or both of the outer jaws will coopperate with the center jaw to receive and hold papers, and the like. This makes the device particularly handy and convenient to operate, as it can be applied from either end and does not have to be turned end for end to put it in position for operation. Further the bowed ends of the outer jaws are off-set from the plane of the loop or center jaw to allow papers to be readily passed between

the jaws when the device is applied. Papers arranged between the center jaw and one of the outer jaws are held by and between the side part 13 of said outer jaw and the continuous side of the center jaw and between the overlapping portions of the side parts 11.

Having described only a typical preferred form of my invention I do not wish to limit myself to the specific details hereinabove set forth but wish to reserve to myself any changes or variations that may appear to those skilled in the art or fall within the scope of the following claim.

Having described my invention, I claim:

A clip of the character described including an elongate loop having one side formed of a continuous part and the other side formed of two overlapping parts extending in opposite directions and inclined to the plane of the loop so that their outer ends are at opposite sides of the plane of the loop, and two parts corresponding to said overlapping parts and located immediately inside the continuous part of the loop and each connected with the outer end of one of the overlapping parts.

In witness that I claim the foregoing I have hereunto subscribed my name this 13th day of June, 1924.

F. HOWARD ROBINSON, JR.