

No. 674,290.

Patented May 14, 1901.

H. A. WRIGHT.
PAPER CLIP.

(Application filed Aug. 6, 1900.)

(No Model.)

Fig. 1.

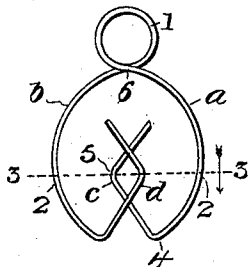


Fig. 2.

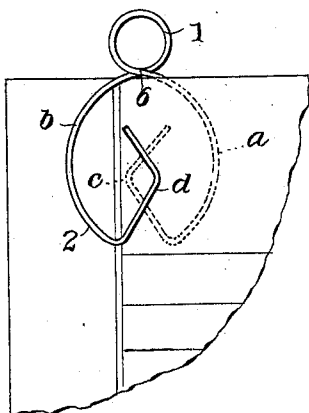


Fig. 3.

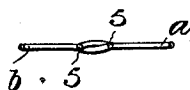


Fig. 4.

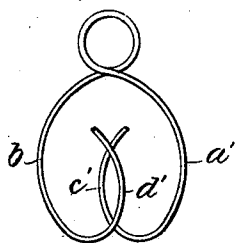


Fig. 5.

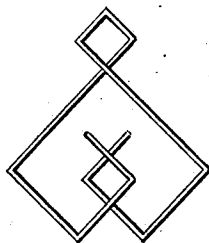
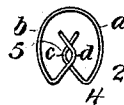


Fig. 6.



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UNITED STATES PATENT OFFICE.

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PAPER-CLIP.

SPECIFICATION forming part of Letters Patent No. 674,290, dated May 14, 1901.

Application filed August 6, 1900. Serial No. 26,061. (No model.)

To all whom it may concern:

Be it known that I, HAROLD A. WRIGHT, a citizen of the United States, residing at Chicago, in the county of Cook, State of Illinois, have invented certain new and useful Improvements in Paper-Clips, of which the following is a specification.

This invention relates to improvements in paper-clips, and has for its object to provide a cheap, simple, efficient, and durable device for holding or securing papers.

My improved clip or holder is formed of a single piece of wire of any suitable gage and is so shaped as to provide two yielding or elastic jaws and an eye or ring by which the clip may be handled and papers engaged thereby may be suspended from a suitable support.

In the accompanying drawings, Figure 1 is a face view of a clip or holder embodying my invention. Fig. 2 illustrates the manner of applying the clip to a sheet of paper. Fig. 3 is a sectional view on the line 3-3 of Fig. 2. Figs. 4 and 5 are views of slightly-modified forms of the invention, and Fig. 6 is a view of a slightly-modified form.

Referring to Figs. 1 and 2 of the drawings, it will be seen that the piece of wire forming the clip is centrally bent to form an eye or loop 1, which may be used to handle the clip and also for the purpose of suspending papers held by the clip. The clip consists of two members *a* *b*, symmetrically arranged. The member *a* consists of curved portion 2, which is more or less semicircular, and an inward turned angular member *c*, which, as shown, is formed by turning the wire sharply inward at the point 4 from the curved part 2 and again turning it in at 5, the latter turn forming an angle of ninety degrees, more or less. The opposite branch *b* is reversely formed, but of the same outline, the whole device being perfectly symmetrical. At the point of the loop where the wire crosses the member *b* is under the member *a*, and at the point of the device where the angular members *c* *d* overlap the member *b* is over the member *a*. The first-named intersection 6 of the wires therefore forms a fulcrum for the two members of the clip. The clip is formed of elastic material and the two gripping members *c* always press toward each other.

In Fig. 3 the angles 5 are shown slightly turned in toward the general plane of the clip, which causes it to buckle the paper slightly and grip the same more securely.

In Fig. 4 the members *a'* *b'* cross and re-cross each other, as in Fig. 1; but the gripping members *c'* *d'* are curved instead of angular. The form shown in Fig. 1 is preferred; but it will be evident that the design of the clip may be varied without departing from the spirit and scope of the invention.

The form shown in Fig. 5 is substantially the same as that shown in Fig. 1, excepting that the curves are replaced by straight lines, connected by substantially right-angled bends.

The form shown in Fig. 6 is the same in all respects as that shown in Fig. 1, excepting that the eye is omitted.

My clip may be described, broadly, as consisting of a piece of wire bent to inclose, or nearly inclose, an area and having its free ends turned in and twice crossed within that area.

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

1. The herein-described clip consisting of a piece of wire centrally bent at its middle part to form an eye or loop, the members on each side of said eye or loop being directed outwardly from said loop and then inwardly forming a partially-inclosed space, and the ends of said members being turned in and crossed and recrossed within said space, the member which is above at the intersection of the loop being beneath at said crossings within the space.

2. The herein-described clip, consisting of a piece of wire centrally bent at its middle part to form an eye or loop, the members on each side of said eye or loop being curved into semicircular form and the free ends being turned inward and crossed at two points within the space bounded by said semicircular portions.

3. The herein-described clip consisting of a piece of spring-wire bent to substantially inclose a space and having its ends turned into said inclosed space and crossed and recrossed therein to provide two gripping-points.

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

HAROLD A. WRIGHT.

Witnesses:

ELLA ELLIOTT,
J. G. LISTON.