

No. 819,717.

PATENTED MAY 8, 1906.

A. G. BOWEN.
PAPER CLIP.

APPLICATION FILED MAR. 11, 1903.

Fig. 1

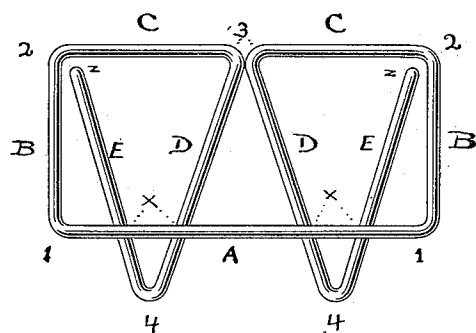
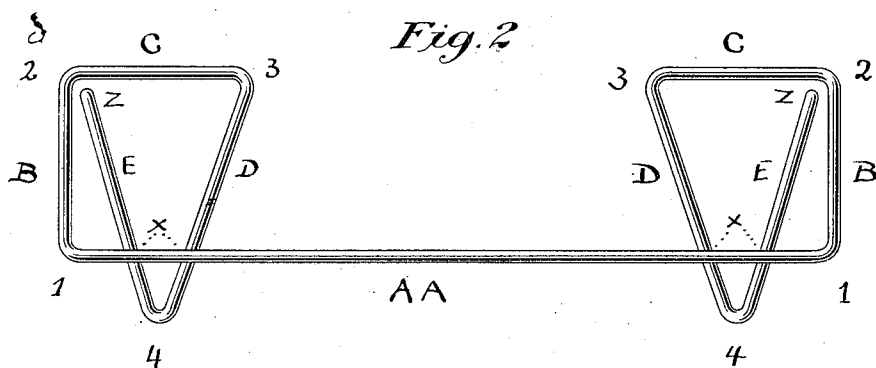


Fig. 2



Witnesses:

Chas. D. King
Lillian Saffery

Inventor:

A. G. Bowen

UNITED STATES PATENT OFFICE.

ADNA G. BOWEN OF NEW YORK, N. Y.

PAPER-CLIP.

No. 819,717.

Specification of Letters Patent.

Patented May 8, 1906.

Application filed March 11, 1903. Serial No. 147,245.

To all whom it may concern:

Be it known that I, ADNA G. BOWEN, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented a new and useful Paper Clip or Holder, of which the following is a specification, reference being had to the accompanying drawing forming part hereof.

In the drawings, Figures 1 and 2 represent plan views of two forms of paper clips or holders embodying my invention, in which—

A represents the cross-bar, (represented by A A in the modification shown in Fig. 2;) B, the side bars; C, the shoulders; D, the arms; E, the forearms; 1, 2, and 3, the rounded corners or bends; 4, the elbows or bends; *z*, the terminal points; *x*, the four points where the arms and forearms press against the cross-bar in spring-bearing contact therewith.

As will be readily seen from the drawings, my invention consists of the cross-bar A, the side bars B, the shoulders C, the arms D, the forearms E the rounded corners 1 2 3, the elbows 4, and the points *z*, made from a single piece of spring-wire of varying diameter and length, according to the size of the clip or holder which is to be made, and in which the arms and forearms press against the cross-bar at *x* in spring-bearing contact therewith and project beyond to form the elbows 4, and in the form shown in Fig. 1 the shoulders normally touch the one against the other at the rounded corners 3. It is also advisable that the points *z* lie well within the rounded corners 2 and in the same plane.

This clip or holder is also adapted to use in holding open books or sheets of music and other papers, and for this purpose it is not necessary or of any advantage that the shoulders touch at 3, but the same may be far apart, and to make the article more efficient for the purpose the cross-bar may be lengthened or extended, as shown in Fig. 2 at A A. Nor is it always necessary or of advantage when thus used that the arms and forearms press against the cross-bar; but they may lie gently at such points or be some slight distance therefrom without diminishing the efficiency of the holder.

A great advantage in this clip or holder lies in the manner of holding the article, in that, in the first place, it has four points of contact at *x* and, in the second place, the points *z*, lying within the rounded corners 2, press the article against the side bars and

shoulders, in this way holding the article with the utmost security consistent with readily applying and removing the same without injuring the article. Another advantage lies in the fact that the elbows 4 are rounded and do not present sharp or ragged points to tear or injure the article to which the clip is applied. Still another advantage to be considered in articles of this class is its neat and symmetrical appearance.

I have shown my invention in a rectangular form, and while I now believe this to be the best manner of construction I do not confine myself to this form, but claim any form performing substantially the same functions and which is covered by the scope of the appended claims.

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

1. A clip consisting of a single piece of wire bent to form the cross-bar A, the side bars B having their lower ends connected by said cross-bar, the shoulders C extending inwardly toward each other from the upper ends of the bars B respectively and with their inner ends normally in contact, the arms D extending downwardly from the inner ends of the shoulders respectively and below the cross-bar A; and the forearms E extending upwardly from the lower ends of the forearms D respectively to points below and adjacent respectively to the junctions of the side bars B and the shoulders C, the arms and forearms pressing against the cross-bar in spring-bearing contact therewith.

2. A clip consisting of a single piece of wire bent to form a cross-bar, the side bars B having their lower ends connected by said cross-bar, the shoulders C extending inwardly toward each other from the upper ends of the bars B respectively, the arms D extending downwardly from the inner ends of the shoulders respectively and below the cross-bar, and the forearms E extending upwardly from the lower ends of the forearms D respectively to points below and adjacent respectively to the junctions of the side bars B and the shoulders C.

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

ADNA G. BOWEN.

Witnesses:

ELEANOR OBER,
JOSEPH BREWSTER.