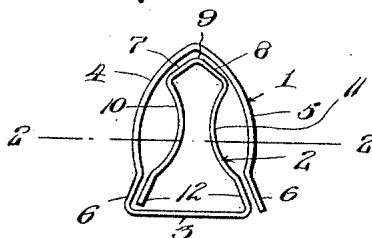


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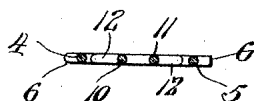
J. M. DINWIDDIE,  
PAPER CLIP.  
APPLICATION FILED APR. 18, 1917.

Patented Mar. 16, 1920.

*Fig. 1.*



*Fig. 2.*



*Inventor:*

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# UNITED STATES PATENT OFFICE.

JOHN M. DINWIDDIE, OF CEDAR RAPIDS, IOWA.

## PAPER-CLIP.

1,334,233.

Specification of Letters Patent. Patented Mar. 16, 1920.

Application filed April 18, 1917. Serial No. 162,920.

To all whom it may concern:

Be it known that I, JOHN M. DINWIDDIE, a citizen of the United States, residing at Cedar Rapids, in the county of Linn and State of Iowa, have invented certain new and useful Improvements in Paper-Clips; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to clips and more particular to that class of clips especially adapted for holding or binding together two or more sheets of paper.

Another object of this invention is to provide a novel type of clip, which can be readily and expeditiously placed in position on the articles to be held together.

A further object of this invention is to provide a wire clip so formed as to provide a means whereby the same can be readily grasped to spread the clamping members, so that the paper or articles to be held can be conveniently inserted between the clamping members.

These and other objects will appear and be better understood from that embodiment of my invention of which the following is a specification, reference being had to the accompanying drawing forming a part thereof, in which:

Figure 1 is a plan view of the clip, and

Fig. 2 is a section taken on the line 2—2 of Fig. 1.

Referring to the drawing in detail, the improved clip consists of a single piece of wire bent to form an outer spring clamping member 1 and an inner spring clamping member 2 of approximately U-shaped formation. The inner and outer members have opposed legs connected by a bar 3.

The arms 4 and 5 of the outer clamping member 1 are arcuately bowed in opposite directions to provide an enlarged opening to permit of the insertion of the thumb of the operator between the arms 4 and 5. The terminals of the arcuate arms 4 and 5 are bent in diverging relation as at 6 and one of the terminals is connected to the bar 3.

The inner approximately U-shaped member 2 is provided with curved portions 7 and 8, which extend from the bight portion 9 and which are then bent arcuately in opposite directions to the arms 4 and 5 to provide

arms 10 and 11. The terminals of the arms 10 and 11 are diverged as at 12 and one of the terminals is connected to the bar 3.

The arms 10 and 11 provide a bearing surface for the thumb of the operator so that the inner clamping member 2 can be depressed in relation to the outer member 1.

The outer and inner members 1 and 2 lie in the same plane and the inner member is spaced from the outer member at all points, so as to permit of the convenient insertion of the thumb of the user.

In use, the thumb of the operator is placed on the arms 10 and 11 of the inner member and the fingers are placed on the arms 4 and 5 of the outer member, and by drawing the thumb and fingers toward each other, the inner member is depressed, which allows convenient insertion of the papers and the like between the clamping members.

By virtue of having the inner and outer members spaced, the inner member can be readily depressed without the thumb and fingers of the operator becoming engaged.

From the foregoing description taken in connection with the accompanying drawing, it will be seen that a novel type of clip is provided, which can be readily applied to the articles to be held and will effectively prevent the same from being displaced.

Having thus fully described my invention, what I claim as new is:

1. A paper clip comprising an inner clamping member having a plurality of relatively spaced connected side arms, an outer clamping member having a plurality of relatively spaced connected arms, and a member connecting one arm of the inner member to one arm of the outer member, intermediate portions of the arms of the outer member being deflected outwardly to provide finger engaging portions and permit the passage of the thumb between the arms for engagement with the inner member and to increase the gripping area of the outer member, all of said parts being located in the same plane.

2. A paper clip comprising an inner clamping member having a plurality of relatively spaced connected side arms, an outer clamping member having a plurality of relatively spaced connected arms and a member connecting one arm of the inner member to one arm of the outer member, intermediate portions of the arms of the outer member being deflected outwardly to provide finger

engaging portions and permit the passage  
of the thumb between the arms, intermediate  
portions of the arms of the inner member  
being deflected inwardly to provide thumb  
engaging portions and to prevent the pas-  
5 sage of the thumb between the arms of the  
inner member, the deflected portions of the  
arms of the inner and outer members also  
forming means for engaging a relatively

large area of the paper engaged by the clip, 10  
as and for the purpose specified.

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

JOHN M. DINWIDDIE.

Witnesses:

H. H. STROTHER,  
W. J. ELLIOTT.