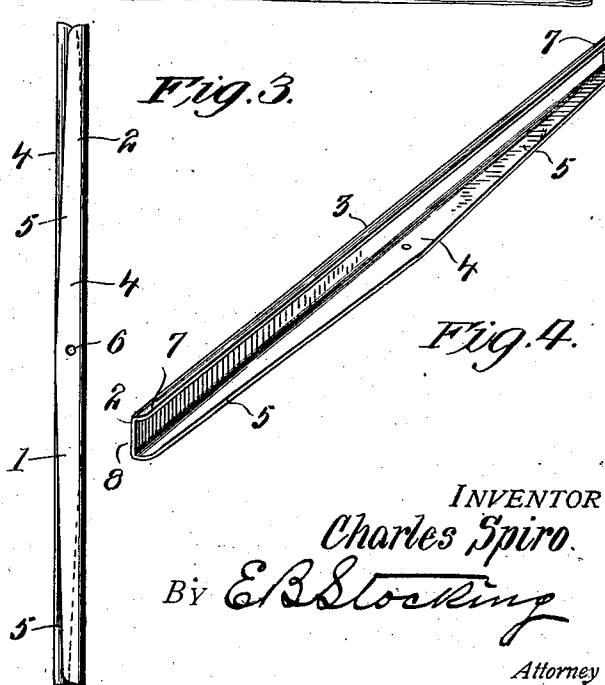
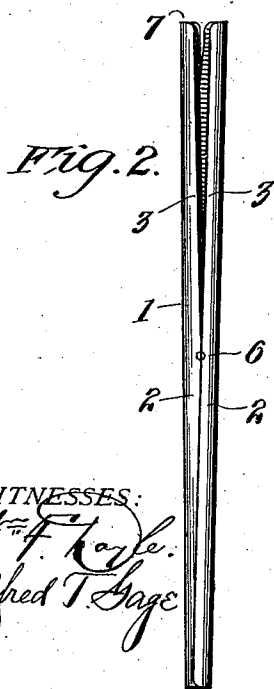
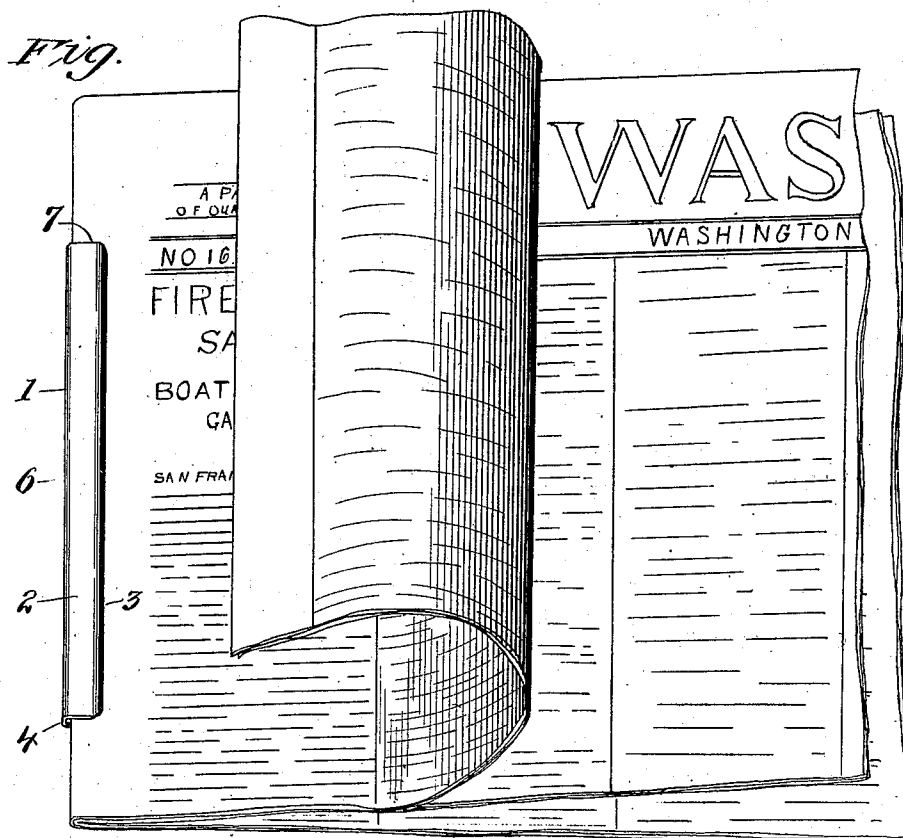


No. 857,418.

PATENTED JUNE 18, 1907.

C. SPIRO.  
PAPER CLIP.

APPLICATION FILED MAR. 26, 1907.



*Fig. 4.*

WITNESSES:  
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# UNITED STATES PATENT OFFICE.

CHARLES SPIRO, OF NEW YORK, N. Y.

## PAPER-CLIP.

No. 857,418.

Specification of Letters Patent.

Patented June 18, 1907.

Application filed March 26, 1907. Serial No. 364,656.

*To all whom it may concern:*

Be it known that I, CHARLES SPIRO, a citizen of the United States, residing at New York, county of New York, and State of New York, have invented certain new and useful Improvements in Paper-Clips, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to a paper clip, and particularly to such a device adapted to retain together a number of disconnected sheets, for instance, those of newspapers.

The invention has for an object to provide a clip formed of opposite clamping members pivotally mounted together at their longitudinal center and adapted for a limited movement on said pivot to open one end of the clamping edges and facilitate the application of the clip to the sheets which it is intended to hold.

Other and further objects and advantages of the invention will be hereinafter set forth and the novel features thereof defined by the appended claims.

In the drawing:—Figure 1 is a perspective of the invention applied; Fig. 2 is a front elevation open for the insertion of the sheets; Fig. 3 is a rear elevation in closed position; Fig. 4 is a detail perspective of one of the clamping jaws thereof.

Like numerals refer to like parts in the several views of the drawing.

The numeral 1 designates the clip which may be formed of any desired material or size. It is composed of opposite jaws 2 each of which is provided at one longitudinal edge with a straight inturned clamping face 3 and at the opposite edge with the pivoting flange 4 which is tapered from its center toward each end, as shown at 5. These clamping flanges are pivoted together at 6 so as to permit a limited movement of the jaws upon the pivot to open one end thereof, as shown in Fig. 2 to facilitate the introduction of the sheets of the paper into the clip. One of the flanges 4 rests upon the other, as shown in Fig. 3 which permits this movement of the parts, while the contacting edges of the jaws when in the normal position are parallel to each other so that the resiliency of the material of the clip exerts the necessary holding tension upon the sheets of paper. The clamping faces 3 are curved at the opposite ends as shown at 7 to facilitate the introduction of the sheets therein and the side wall of

the jaw is preferably plane or flat, as shown at 8.

The invention is particularly adapted for newspapers in which a number of disconnected sheets are inconvenient to handle and slip from each other in handling the paper so as to be very annoying. The clip is formed of such size and configuration as to occupy no more than the ordinary space of a pencil in the pocket of the user and can be immediately applied to one edge of the sheets of the newspaper thus holding the same firmly together and stiffening the edge so that the paper does not buckle or bend when being held before the reader. By the swiveling or pivoting of the clamping jaws the clip is adapted for application without rumpling or cutting the thicknesses of the paper as by opening one end it may be started over the sheets of paper and in the action of drawing it in position it automatically adjusts itself to the required thicknesses and through the elasticity of the metal of the body maintains the necessary holding tension. The clip is also shown as having flat sides which have been found very advantageous in securing the proper spring tension and also provide a plane surface for the application of advertising matter.

The invention therefore presents a simple, convenient and economically constructed article which can be conveniently carried by the user and repeatedly used as found convenient and necessary.

Having described my invention and set forth its merits, what I claim and desire to secure by Letters Patent is:—

1. A paper clip comprising opposite clamping jaws having longitudinal clamping edges, and means for pivotally connecting said jaws at their longitudinal center.

2. A paper clip comprising opposite jaws having a longitudinal clamping edge and an angularly disposed pivoting flange, and a pivot connecting the flanges to said jaws.

3. A paper clip comprising opposite jaws having a longitudinal clamping edge and an angularly disposed pivoting flange, and a pivot connecting the flanges to said jaws, said flanges being tapered from the pivotal point toward the jaw end thereof.

4. A paper clip comprising opposite jaws having parallel clamping edges, and means to permit movement of one of said jaws upon the other to separate the clamping edges at one end thereof.

5. A paper clip comprising opposite clamping jaws of spring material having at one longitudinal edge an inturned clamping face and at the opposite edge a pivoting flange, and means for clamping said flanges together.

6. In a paper clip, cooperating clamping jaws provided at one longitudinal edge with an inturned clamping face curved at its opposite ends and at its opposite edge with an angularly disposed pivoting flange tapered from its longitudinal center toward the jaw end thereof.

7. A paper clip comprising parallel elongated clamping jaws connected by a trans-

verse pivot intermediate of their ends and disposed at a right angle to the length of the jaws.

8. A paper clip comprising parallel resilient clamping jaws connected by a transversely disposed pivot intermediate of their ends at an angle to the clamping face of the jaws.

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

CHARLES SPIRO.

Witnesses:

JOHN H. SHULTE,  
C. BUELTNER.