

E. A. FRANKLIN.

Paper-Clip.

No. 127,472.

Patented June 4, 1872.

Fig. 1.

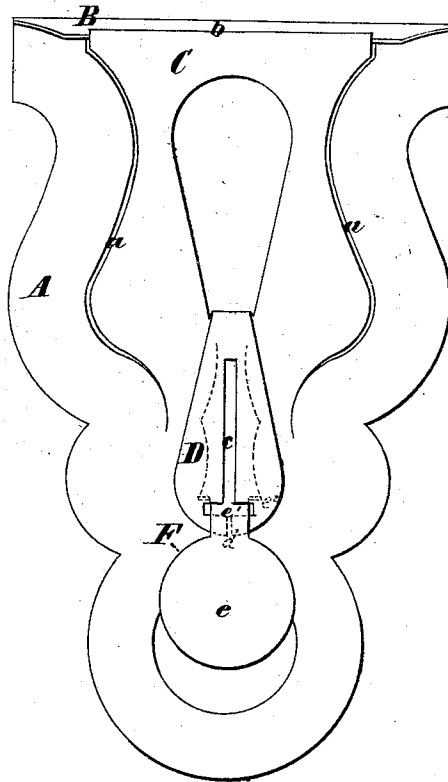
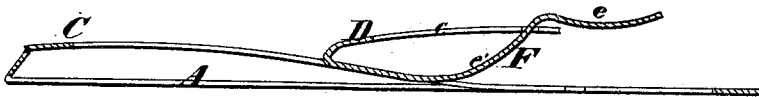


Fig. 2.



WITNESSES.

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UNITED STATES PATENT OFFICE.

EDWARD A. FRANKLIN, OF BRENHAM, TEXAS.

IMPROVEMENT IN PAPER-CLIPS.

Specification forming part of Letters Patent No. 127,472, dated June 4, 1872.

To all whom it may concern:

Be it known that I, EDWARD A. FRANKLIN, of Brenham, in the county of Washington and State of Texas, have invented a new and valuable Improvement in Paper-Clips; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of a plan view of my invention, and Fig. 2 is a longitudinal vertical central section of the same.

My invention has relation to a paper-clip; and the novelty consists in making the entire device out of a single plate of metal, cut and bent to the proper form, as hereinafter described.

In the drawing, A represents a plate of brass or other suitable elastic material, of the ordinary contour of paper-clips. B is a flange, bent upward at one end of said plate. C is a jaw formed by slitting the plate A, as shown at *a a b*, so as to separate the sides and forward end of the piece C from the plate, and then raising said piece so that its end may rest on the flange B. D designates a spring-rest, made by cutting in the center of the piece C a tapering tongue, and then bending the latter back, as shown. In the center of said tongue is cut a T-shaped slot, *c*. F designates

a thumb-spring, made by so cutting the plate A at its rear end as to produce a circular head, *e*, and a shouldered shank, *e'*. This spring connects with the plate A at a point immediately behind the small end of the rest D. The shank is brought through the transverse portion of the slot *c* by bending the sides of the rest apart. A slit is made, at *d*, in the end of said rest, to allow the proper separation of parts for the arrangement of the thumb-spring. The proper position of the thumb-spring is shown in Fig. 1. The jaw C is raised by pressing down the thumb-spring, which depresses the rear end of the rest D, and thereby acts upon the jaw. Shoulders are formed on the shank *e'* at *e''*, for the purposes of preventing the same from slipping through the slot *c* and thereby weakening its action.

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

The improved paper-clip, having the spring-jaw C, slotted spring-rest D, and thumb-spring F, formed by cutting said parts from a single plate of metal, A, and bending them in position, substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

EDWARD A. FRANKLIN.

Witnesses:

I. MEYER,

W. S. WINTERS.