(No Model.) 2 Sheets—Sheet 1.

F. MÜLLER & E. M. FASCH.

PAPER CLIP.

No. 302,579. Patented July 29, 1884.

Fig. 1.

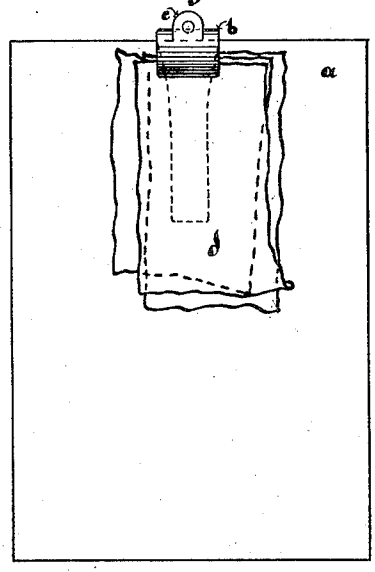


Fig. 2.

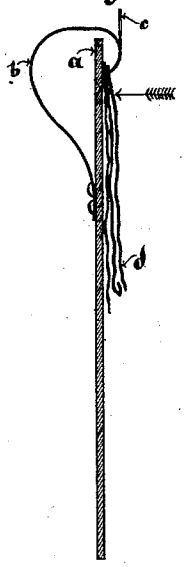
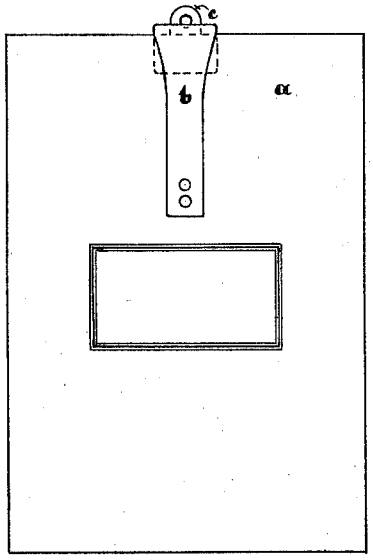


Fig. 3.



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(No Model.) 2 Sheets—Sheet 2.

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Fig. 4.

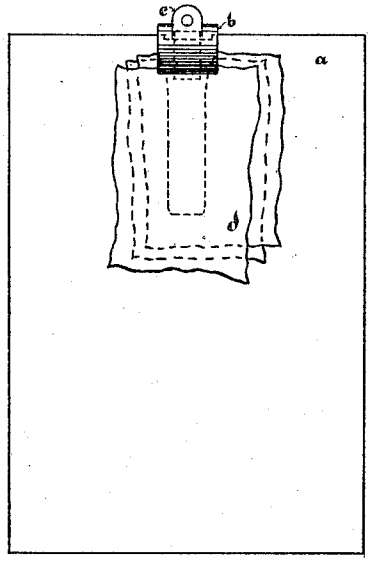


Fig. 5.

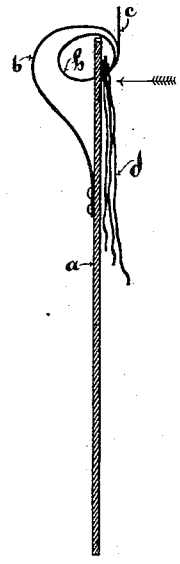


Fig. 6.

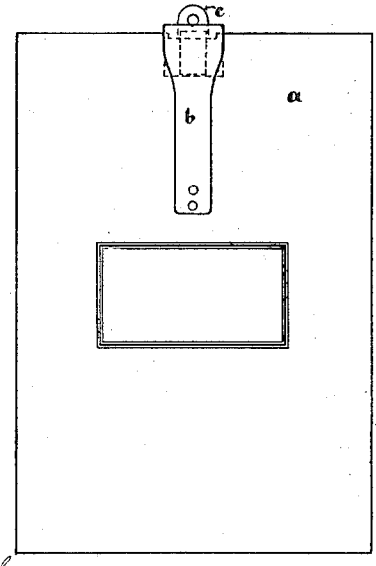
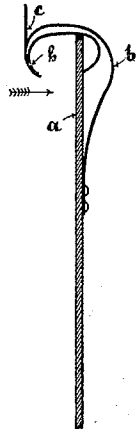


Fig. 7.



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UNITED STATES PATENT OFFICE.

FRANZ MÜLLER AND EMIL M. FASCH, OF LEIPSIC, SAXONY, GERMANY.

PAPER-CLIP.

SPECIFICATION forming part of Letters Patent No. 302,579, dated July 29, 1884.

Application filed May 1, 1884. (No model.)

To all whom it may concern:

Be it known that we, FRANZ MÜLLER and EMIL M. FASCH, both of Leipsic, in the Kingdom of Saxony and Empire of Germany, have invented a new and useful Paper-Clip, of which the following is a specification.

This invention has for its object to hold letters or loose sheets of paper securely on a board without perforating or cutting the paper.

In the following description, reference will be made to the accompanying drawings, of which Figure 1 is a front view, Fig. 2 a vertical section, and Fig. 3 a back view, of a holder embodying our invention, while Figs. 4 to 7 represent a modification of the same.

The improved holder consists, essentially, of a flat board or plate, *a*, and a spring, *b*, secured with one end to the back of the plate, and bent so as to form an open loop extending backward and over the upper edge of the plate, and to rest with its free end on the front of the plate, as shown in Fig. 2.

For securing loose sheets, the board is placed with its back on a table, and slightly pressed down, whereby the front end of the spring is pressed away from the board, so as to allow papers to be placed under the spring. If, now, the board is released, the spring, which has previously been pressed forward, will recede and press with its free end upon the sheets situated on the front of the board, thereby securing the same with elastic pressure. The front end of the clip may have a vertical extension, *c*, perforated to form an eyelet for suspending the clip from a nail or pin.

To counteract the tendency of the plate *a* to bend backward under the pressure of the spring *a*, an auxiliary spring, *h*, (represented in Figs. 4 to 7,) may be secured to the free end of the spring *a*, so as to form an open loop pressing with its free end on the back of the plate *a*. The plate *a* and the sheets placed on the same are thus held simultaneously between two springs.

The manipulation with this modified holder is the same as that described above.

Fig. 7 shows the position of the holder when pressed down on the table, so as to lift the free end of the spring *b* away from the front of the plate *a*, while Fig. 5 shows the position of the holder after the sheets have been placed on the board *a* and the spring has been allowed to act.

What we claim is—

1. The combination of a plate, *a*, with a bent spring, *b*, secured with one end to the back of the plate and adapted to press with the other end upon the front of the plate, for the purpose of holding sheets of paper or other material placed on the plate, substantially as described.

2. The combination of plate *a* with bent spring *b*, secured with one end to the back of the plate and adapted to press with the other on the front of the same, and perforated extension *e*, secured to the free end of the spring, substantially as and for the purposes described.

3. The combination of a plate, *a*, with a bent spring, *b*, attached with one end to the back of the plate and adapted to press with its other end on the front of the plate, and a bent auxiliary spring, *h*, secured to the free end of the spring *b* and adapted to press on the back side of the plate *a*, substantially as and for the purpose described.

In testimony whereof we have signed this specification in the presence of two subscribing witnesses.

FRANZ MÜLLER.
EMIL M. FASCH.

Witnesses:
JULIUS MORGWEN,
FRED. F. WILKIE.