(Model.)

C. H. PLATT.

COPY HOLDER.

No. 422,538. Patented Mar. 4, 1890.

Fig. 1

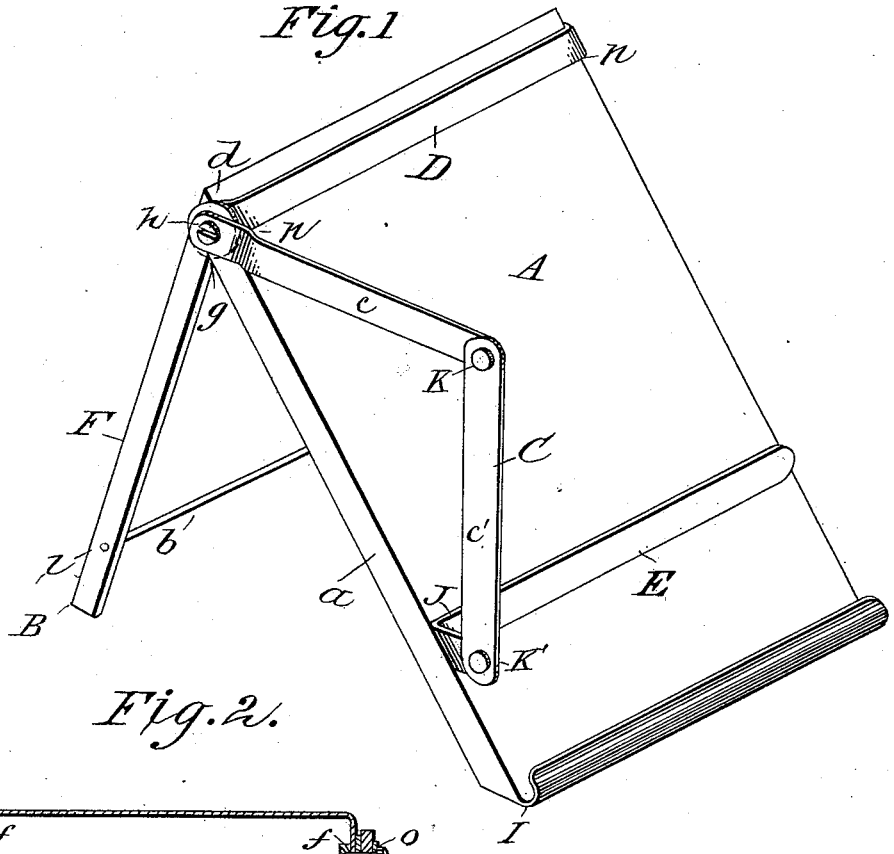

Fig. 2.

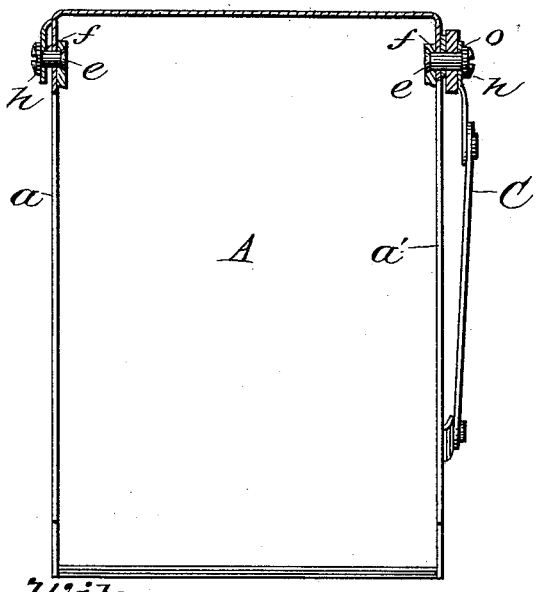

Fig. 3.

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UNITED STATES PATENT OFFICE.

CORWIN H. PLATT, OF CLEVELAND, OHIO.

COPY-HOLDER.

SPECIFICATION forming part of Letters Patent No. 422,538, dated March 4, 1890.

Application filed May 21, 1889. Serial No. 311,628. (Model.)

To all whom it may concern:

Be it known that I, CORWIN H. PLATT, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented a new and useful Improvement in Copy-Holders, of which the following is a specification.

My invention relates to improvements in "copy-holders," by means of which I obtain durability, lightness, and cheapness and convenience.

The objects of my invention are, first, to obviate the use of a stand to the holder; second, to fold or close the holder to occupy the least possible space; third, to obtain a convenient and durable line-indicator; fourth, to hold the book securely and release the same quickly. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a view in perspective showing the holder in position for use. Fig. 2 is a rear view showing the manner of attaching the frame F and holdfast-spring D and arm C to the bed-plate A. Fig. 3 is an end view of the hook on the holdfast-spring D.

Similar letters refer to similar parts throughout the several views.

The bed-plate A, frame F, holdfast-spring D, arm C, and line-indicator E constitute the copy-holder complete.

The bed-plate A is formed of sheet metal with the flanges *a a'* turned back. In the top of the flanges *a a'* are formed holes *f f*, through which screws *h h* pass into the frame F, all shown at Fig. 2. The bottom of the plate A is formed into a roll, as shown at I, Fig. 1, and is used for a pencil-holder.

The frame F is formed of the side pieces B B and cross-piece *b*, as shown in Fig. 1. The side pieces B B have holes *e e* formed in the upper ends, as shown at Fig. 2. These holes *e e* are threaded for the purpose of receiving the screws *h h*, as shown in Fig. 2. Near the lower ends of the side pieces B B are formed holes *i i*, as shown at Fig. 1, for the purpose of receiving the cross-piece *b*. The cross-piece *b*, as shown in Fig. 1, is formed of wire, and passes through the holes *i i* in the side pieces B B of the frame F, and is secured to the side pieces B B by riveting or soldering, as may be preferred.

The frame F is secured or attached to the bed-plate A by means of the screws *h h*, passing through the holes *f f* in the flanges *a a'*, as shown in Fig. 2.

The frame F can be formed of one piece of round or flat metal by bending the piece at right angles to form the side pieces B B, which makes the cross-piece *b* one solid piece with the side pieces B B. The cross-piece *b* is merely to cause the side pieces B B in the frame F to move together in opening or closing the frame F, and can be made as preferred.

When the frame F is attached to the bed-plate A by means of the screws *h h*, it forms a hinged brace for supporting the bed-plate A at any desired angle, as shown in Fig. 1. When the frame F is closed up against the bed-plate A, the holder can be laid down flat and forms a writing-tablet.

The holdfast-spring D (shown at Fig. 1) is formed of spring metal, and is bent at right angles at the ends, as shown at *n n*, Fig. 1. The spring D can be formed either of flat or round metal. If formed of flat metal, it has a hole formed in one of the angles, as shown at *d*, Fig. 1, for securing it to the bed-plate A by means of the screw *h*, as shown in Fig. 2. If formed of round metal, it has an eye formed on the end of the angle *n*, through which the screw *h* passes to secure it to the bed-plate A. The detachable end of the spring D, as shown in Figs. 1 and 3, if formed of flat metal, has a slanted hook formed in the angle *n*, as shown at *d'*, Fig. 3, which engages with the screw *h* and holds the spring D down close to the bed-plate A. If made of round metal, it merely has a hook bent on the angle *n* to engage with the screw *h*, which holds the spring D down to the bed-plate A.

The arm C is formed of two pieces of metal *c c'*, as shown at Fig. 1. Each end of the piece *c* has a hole formed in it. One end engages the screw *h*, as shown at *g*, Fig. 1, to secure the arm C to the bed-plate A. The other end of the piece *c* has a hole formed in it for the purpose of receiving the rivet or screw K, as shown at Fig. 1. The piece *c'* has one hole formed in each end, one for the purpose of receiving the

rivet or screw K, as shown at K, Fig. 1, the other to receive the rivet or screw K′, as shown at K′, Fig. 1. The ends of the pieces *c* and *c′* are placed together and secured in position by means of the rivet or screw K, as shown at K, Fig. 1, thus forming an elbow-joint.

The line-indicator E (shown at Fig. 1) is made of metal. One end is bent at right angles, as shown at J, Fig. 1. This angle has a hole formed in it to receive the rivet or screw K′, as shown in Fig. 1. The angle end J of the line-indicator E and the end of the arm *c′* are placed together and secured in position by means of the rivet or screw K′, as shown at Fig. 1.

To cheapen the construction of the arm C, the piece *c′* can be made of wire, with an eye formed on one of its ends to engage the rivet or screw K′. It is then bent at right angles across the bed-plate A, and thus forms a line-indicator, round, instead of flat, as shown at E, Fig. 1, and can be used in place of the line-indicator E′ shown at Fig. 1, if preferred.

To operate the holder, place the under cover of the copy-book under the holdfast-spring. Fasten the spring down on the screw. This holds the book firmly to the holder and leaves the pages free to be turned back over the top of the holder as fast as they are written on or copied. Place the holder in position, as shown in Fig. 1. Raise the line-indicator to the top line on the page of the book. The holder is now ready for use.

I am aware that prior to my invention copy-holders have been made using metal bed-plates. I therefore do not claim this invention broadly; but

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

1. The combination, in a copy-holder, of the bed-plate A, having the flanges *a a′*, holes *f f*, and roll I, with the frame F, having the side pieces B B and cross-piece *b*, all substantially as set forth.

2. In a copy-holder, the combination of the frame F, having the side pieces B B, threaded holes *e e*, holes *i i*, and cross-piece *b*, with the bed-plate A, and the arm C, having the pieces *c c′* and rivet or screw K, substantially as described.

3. In a copy-holder, the combination of the arm C, having pieces *c c′*, rivet or screw K, with the bed-plate A and the frame F, as described.

4. The line-indicator E, having the angle J and hole for the rivet or screw K′, in combination with the arm C, substantially as described.

5. The combination of the bed-plate A with the frame F, arm C, holdfast-spring D, and indicator E, for the purpose of forming a copy-holder, all substantially as set forth.

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Witnesses:
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