

(No Model.)

A. O. HALL.

M. A. HALL, Administratrix.

COPY HOLDER.

No. 343,662.

Patented June 15, 1886.

Fig. 1.

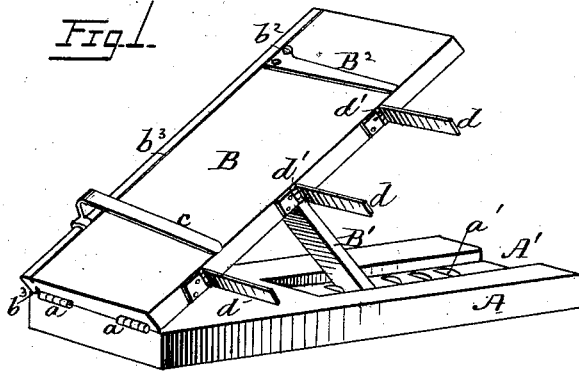


Fig. 2.

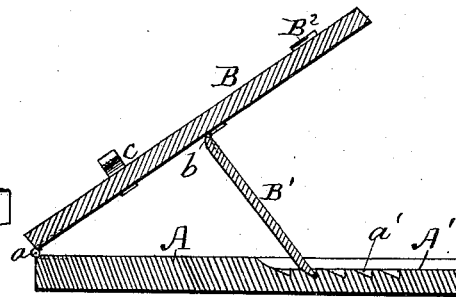


Fig. 3.

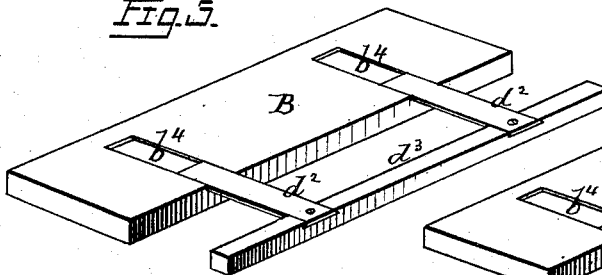


Fig. 4.

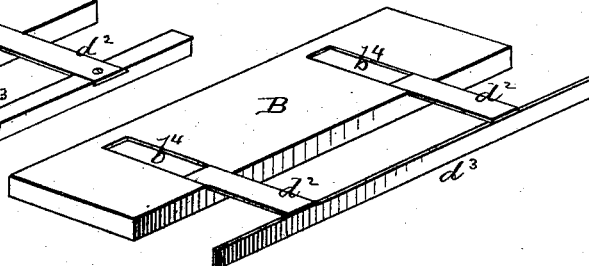


Fig. 5.

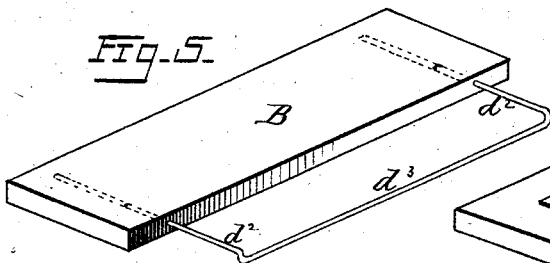


Fig. 6.

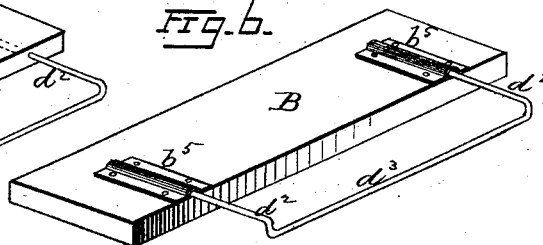
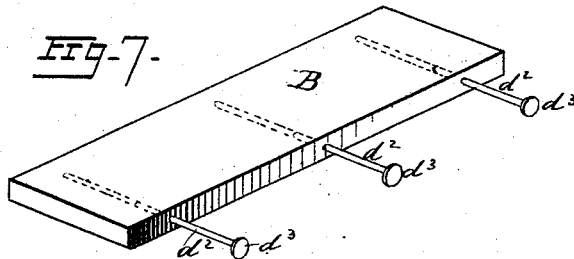


Fig. 7.



Witnesses:

W. B. Masson  
E. Wurdeman.

Inventor:

Alvin O. Hall  
by E. E. Masson  
att'y.

# UNITED STATES PATENT OFFICE.

ALVIN O. HALL, OF NEW YORK, N. Y.; MARGARET A. HALL (ADMINISTRATRIX OF SAID ALVIN O. HALL, DECEASED) ASSIGNOR TO W. O. WYCKOFF, C. W. SEAMANS, AND H. H. BENEDICT, ALL OF SAME PLACE.

## COPY-HOLDER.

SPECIFICATION forming part of Letters Patent No. 343,662, dated June 15, 1886.

Application filed January 19, 1886. Serial No. 189,679. (No model.)

*To all whom it may concern:*

Be it known that I, ALVIN O. HALL, a citizen of the United States, residing at New York city, in the county of New York and State of New York, have invented certain new and useful Improvements in Copy-Holders, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to copy-holders in which one of the leaves is hinged to the other and capable of being folded when out of use; and the object of my invention is to produce an inexpensive, efficient, and durable device to hold written or printed manuscript that is to be copied, and render said device capable of extension laterally, to evenly support thereon manuscript of different widths. I attain these objects by the construction illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of the copy-holder open in position for use. Fig. 2 is a longitudinal vertical section of the same. Figs. 3, 4, 5, 6, and 7 represent in perspective the under side of the upper board of the copy-holder, showing extensions projecting laterally therefrom.


In the drawings, A represents the bottom board, and B the upper board, of the copy-holder. These boards are hinged together at one end at *a*, and at about the middle of the board B and underside thereof there is hinged at *b* a prop, B'. To receive this prop in a folded position, the top of the board A is grooved longitudinally at A', and to prevent the lower end of the prop from slipping while sustaining the top board, B, in any desired position notches *a'* are made in the bottom of the groove A' to receive said lower end of the prop. To retain the manuscript upon the board B one end of a spring-finger, B<sup>2</sup>, is secured thereon at *b'*, adjoining the upper end of said top board, and to indicate the line that is under copy a pointer, *c*, has one end made to clasp and engage in grooves *b<sup>3</sup>* along the left edge of the board B.

To permit this copy-holder to uniformly support wide sheets of manuscript, although the boards A and B are made narrow, so that

it will occupy but little space when folded, additional supports are secured to and adapted to fold against one edge of the board B.

In Fig. 1 the supports consist of three narrow strips, *d*, hinged at *d'* to one side or edge of the board B; but the supports may also be made to slide in ways formed into said board, as shown in Figs. 3, 4, 5, 6, and 7.

In Fig. 3 dovetailed grooves *b<sup>4</sup>* are made in the bottom of the board B, and flat rods *d<sup>2</sup>*, having correspondingly beveled edges, are made to fit therein. The outer ends of these rods are united by a wood slat, *d<sup>3</sup>*, having a vertical depth equal to the thickness of the board B, so that when either extended from or closed against the side of the board its top surface will be even with the surface of the latter. The same construction is shown in Fig. 4, except that the slat *d<sup>3</sup>* is of metal, and is either soldered to the flat rods *d<sup>2</sup>* or made integral therewith.

In Fig. 5 the side support is composed of a wire rod, *d<sup>2</sup>*, bent  shape, and has its ends inserted in deep perforations made in one edge of the board B, and at the bends in the wire it has a slight twist upward, so that its long straight portion *d<sup>3</sup>* is on the same level with the top of the board B. The same form of bent wire is used in Fig. 6; but the ends of the wire are retained under grooved metal caps *b<sup>5</sup>*, secured to the under side of the board B.

In Fig. 7 independent wires or pins *d<sup>2</sup>* are inserted into the edge of the board, and they are provided with broad heads *d<sup>3</sup>*, having one point of the periphery even with the surface of the board B, so that both edges of the paper placed thereon will be evenly sustained.

Having now fully described my invention, I claim—

1. A copy-holder consisting of a board, A, grooved longitudinally, and having notches on the bottom of said groove, a board, B, hinged to the board A, a prop, B', and side supports projecting laterally from the edge of the board B, and adapted to be folded against said edge, substantially as and for the purpose described.

2. The combination of the board B, pro-

vided with grooves  $b^3$  in its top and bottom surface alongside one edge thereof, the pointer  $c$ , having one end made to embrace the edge of the board and enter the grooves  $b^3$ , and the  
5 spring-finger  $B^2$ , with adjustable side supports projecting from the edge of the board  $B$  and in the same plane with its top, substantially as and for the purpose described.

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

ALVIN O. HALL.

Witnesses:

F. H. LEE,

E. L. MAXWELL.