

(No Model.)

J. F. FIGGINS.
WALL DESK.

No. 518,567.

Patented Apr. 17, 1894.

Fig. 1.

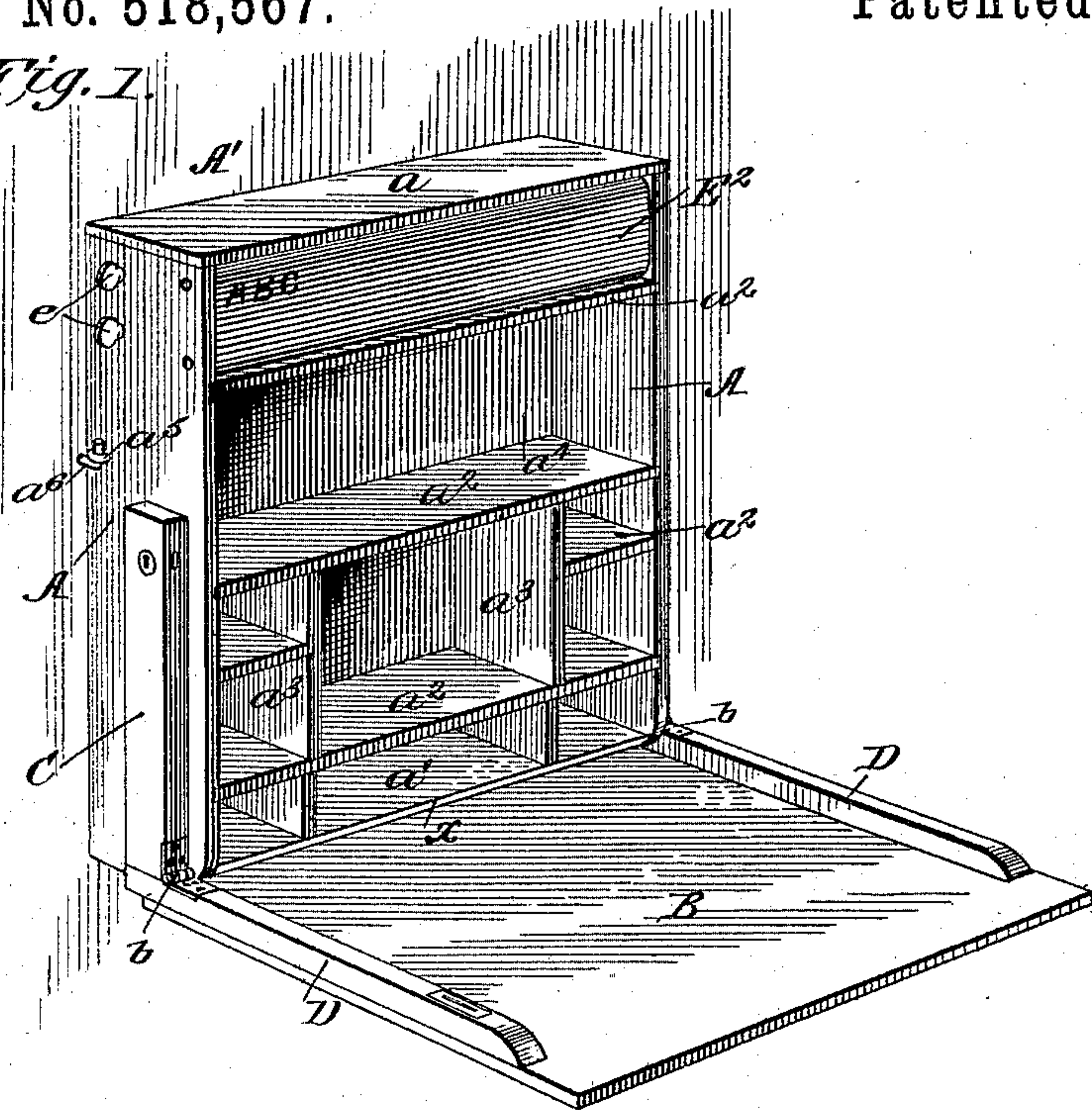


Fig. 2.

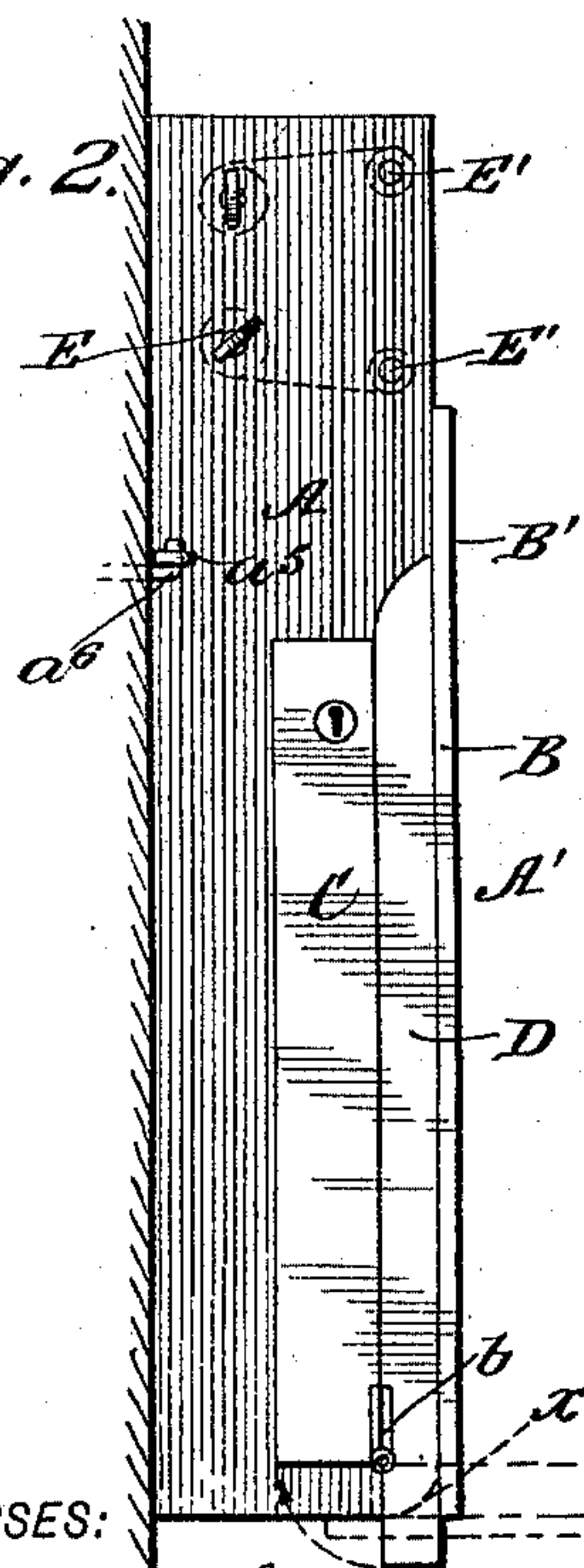
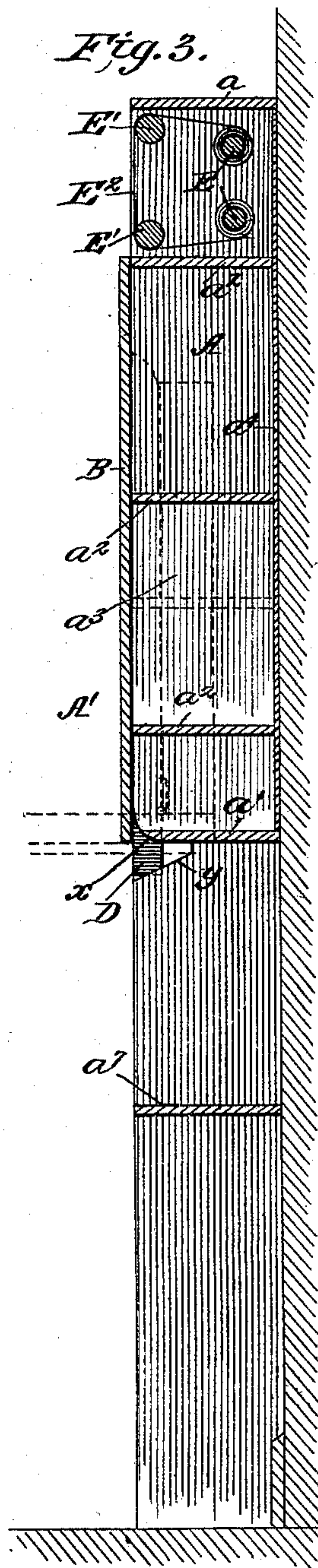


Fig. 3.



WITNESSES:

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JOSEPH F. FIGGINS, OF WASHINGTON, DISTRICT OF COLUMBIA, ASSIGNOR
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WALL-DESK.

SPECIFICATION forming part of Letters Patent No. 518,567, dated April 17, 1894.

Application filed May 12, 1893. Serial No. 473,921. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH F. FIGGINS, of Washington city, in the District of Columbia, have invented a new and useful Improvement in Wall-Desks, of which the following is a specification.

This invention relates generally to desks, and particularly to that class thereof known as wall desks, in which the desk or cabinet is hung upon the vertical wall of the room at such a height that it can be used for writing purposes when the lid is lowered.

My invention also comprehends constructing the desk with side supports so that it can be set up on the floor like an ordinary desk and used as such.

The objects of my invention are first, to provide a device embodying the above named characteristics that shall be exceedingly neat, simple and compact; secondly, to provide an improved connection between the desk and lid whereby a rigid support is attained without the use of chains, legs or supporting arms.

With these objects in view my invention consists in the case or cabinet which may be suspended from the wall or supported on legs, said case having notched sides and a rounded lower piece, a vertically folding lid, having projecting strips secured thereto, and rigid strips upon the side of the case with the hinges connecting said side and lid strips.

My invention consists also in certain details of construction and combination of parts all of which will be fully described herein after and pointed out in the claims.

In the drawings forming a part of this specification—Figure 1 is a perspective view of my improved desk opened. Fig. 2 is a side view of the desk closed, and Fig. 3 is a vertical sectional view showing a desk adapted to rest upon the floor.

For the purpose of enabling others to make and use my improved desk, I will describe its construction in detail, reference being had to the accompanying drawings, in which—

A A indicate the upright side pieces of the desk, a the top cross piece and a' the bottom piece, thus providing a rectangular shaped case or cabinet A' which is sub-divided into a number of compartments by means of the horizon-

tal partitions or shelves a^2 and the vertical partitions a^3 . This case is about six inches in depth so that books, &c., can be conveniently placed upon the shelves and the lid of the desk closed without interfering with said books. The case is also provided with a back a^4 of some thin material, but if desired this back can be dispensed with and the wall of the room used as a back; or the desk can be made double, as hereinafter described, in which case, I would employ a central partition. This desk A' is preferably hung upon the wall as shown in Fig. 1 and for this purpose I provide staples a^5 at the sides of the same in which the hooks a^6 , (connected with the wall) are fastened, thus suspending the desk upon the face of the wall at a suitable height for writing purposes. If desired however, the side pieces A A may be extended far below the bottom pieces a' as shown and thus provide side supports which rest upon the floor like an ordinary desk. In case the sides are extended to produce supports, an extra shelf a^7 is arranged below the cross piece a' , said shelf being intended to receive books, papers and the like. This shelf can also be used in the suspension type if desired. In either form of desks I employ a vertically folding lid B which is hinged at its lower edge to the case A' by means of hinges b which hinges are secured to the lower ends of the vertical strips C C and connected to the end strips D D, of lid B, near their lower ends as shown. The strips C C are rigidly secured to the outer faces of the side pieces A A, and the strips D are secured to the edges D of the lid B, and form the boundary thereof. The front edge of the lower cross piece a' is rounded as shown at x in the arc of a circle, of which the pintle of the hinge is the center and the side pieces A are cut away as shown at y , for the purpose of allowing the lid B to fold down and assume a horizontal position. The pintle of the hinge is above the bottom of the lid and the edge of the shelf is rounded to permit the bottom of lid to enter the notch y , and on account of the hinge b , being connected with the strips D D above their lower ends, these projecting ends will swing around in the arc of a circle until they abut against the

ends of the rigid strips C C and as these parts are shaped and arranged to make the strips C and D meet at the same time the lid B and side pieces A contact, it will be seen that the lid
 5 has a very secure support from two different points, the inner sides of the notches y being vertical to engage the lower edge of the lid B. The lid B extends only to the upper shelf a^2 and has its outer face formed into a black
 10 board B' when the desk is intended for children's use, and between this top shelf a^2 and the top piece a I arrange my improved copy holder, which comprises the upper and lower winding rolls E, and the upper and lower
 15 stretching rolls E', the rolls E being located to the rear of the rolls E', between the same, and are provided with winding knobs e , for the purpose of rolling the copy sheet E², from one roll to the other as desired. The forward
 20 rolls E' being farther apart than the rolls E, keep the sheet tightly stretched, exposing only the copy desired, and as these rolls are loosely journaled and revoluble, the sheet can be passed rapidly around the same without dan-
 25 ger of tearing, and a further advantage of having these rolls revoluble is that the sheet will last much longer. It will thus be seen that I provide a desk for children's use which is readily convertible into a black board or
 30 drawing board, and also provide a novel construction of copy holder for use in connection with said drawing board. It will also be seen that the desk can be either hung from the wall or supported upon legs, and in either
 35 case the lid is connected in the novel manner before described, attaining a rigid support for the lid in a horizontal position without the use of chains, legs or supplementary arms.

When the desk is formed with side sup-

ports it may be made double, by providing a 40 central partition and two lids and copy holders, or the central partition may be dispensed with. The outer face of the lid need not necessarily be a black board but may be finished as an ordinary folding lid and the copy holder 45 may be removed if desired, thus providing a desk for an adult.

The manner of using the desk is obvious, the lid being lowered for writing purposes and closed when used as a drawing board, said lid 50 being secured by means of a fastening arranged in one of the strips C. It will also be understood that the desk is of sufficient depth to receive books, pens, writing material, &c., so that it answers all purposes of an ordinary 55 desk, and occupies only a very small space.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a desk, a case, having notched sides, 60 the rigid strips secured to the sides of the case, above the notches, the lid having side strips hinged to the rigid strips the lower edge of the case being rounded and the rear faces of the notches being vertical for the purposes 65 set forth.

2. An improved desk comprising the side, top and bottom pieces and dividing partitions, the side pieces being notched and the bottom piece rounded as described, the rigid side 70 strips, the folding lid and projecting side strips, and the hinges connecting the rigid side strips and said lid and side strips substantially as shown and described.

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Witnesses:

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