

(No Model.)

G. E. CLOW.
BOX.

No. 571,747.

Patented Nov. 24, 1896.

Fig. 1.

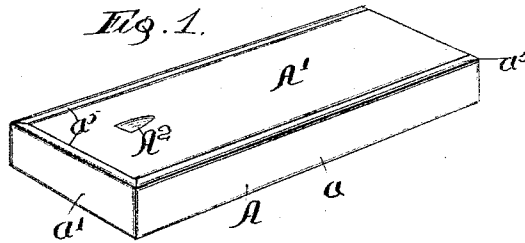


Fig. 2.

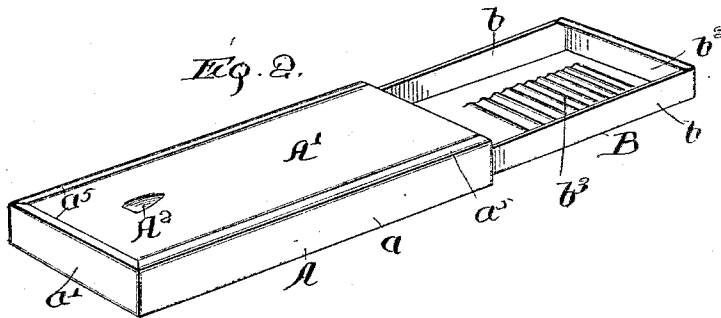


Fig. 3.

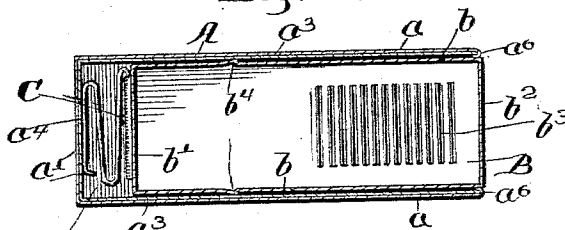


Fig. 4.

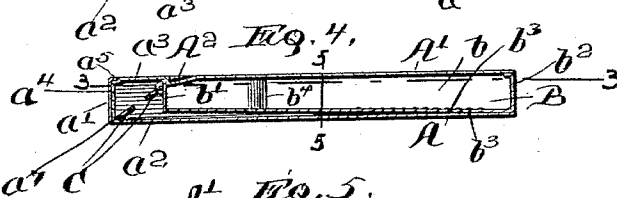
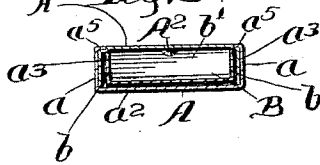


Fig. 5.



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UNITED STATES PATENT OFFICE.

GEORGE E. CLOW, OF CHICAGO, ILLINOIS.

BOX.

SPECIFICATION forming part of Letters Patent No. 571,747, dated November 24, 1896.

Application filed February 17, 1896. Serial No. 579,583. (No model.)

To all whom it may concern:

Be it known that I, GEORGE E. CLOW, a citizen of the United States of America, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Boxes, of which the following is a specification.

My invention relates to certain improvements in boxes; and it consists in certain novel features of construction which will be fully described in this specification and particularly pointed out in the appended claims.

The invention is illustrated in the drawings presented herewith, of which—

Figure 1 is a perspective view of the box in a closed position. Fig. 2 is a perspective with the drawer partly withdrawn. Fig. 3 is a horizontal vertical section in line 3 3 of Fig. 4. Fig. 4 is a central vertical section through the box, and Fig. 5 is a vertical cross-section in line 5 5 of Fig. 4.

In the views, A represents the casing of the box, composed of five sides and open at one end, through which the drawer B is inserted. The casing is preferably made up of two pieces of metal, the sides a , end a' , and lower portion a^2 being stamped up of one piece of metal. The top A' is bent downward near its side edges and end to form the portions a^3 a^3 a^4 and fitted inside of the sides a and end a' . The edges of these side pieces are bent over the top, as seen in Figs. 1 and 5 at a^5 , which secures the two portions A A' together. The ends of the side pieces a are clamped about the ends of the side pieces a^3 , as seen at a^6 , Fig. 3, to prevent the portion A' from being withdrawn from the portion A .

The drawer is made of a sheet of metal and has its edges bent upward to form the sides b and end pieces b' b^2 . The end piece b^2 is preferably bent back upon itself, as seen in Fig. 2, to form a smooth finish, and the bottom preferably corrugated at b^3 , upon which to strike matches, if the box is intended for a match-box.

The drawer B is somewhat shorter than the casing A, and to the end piece b' is secured a spring C, the free end of which extends backward and downward against the bottom edge a^7 . (See Fig. 4.) The upper portion A' is stamped downward at A^2 to form a catch or stop which prevents the drawer from being withdrawn, except at certain times. The end

piece b' of the same is somewhat narrower than the end piece b^2 , and the upper edges of the side pieces slant from one to the other. The spring C holds the drawer up against the top of the casing, so that the end piece b' is in engagement with the catch A^2 . I have shown the sides of the drawer stamped out at b^4 , which strike against the inturned edges a^6 of the casing and prevent the drawer from accidentally dropping out of the same. It may, however, be entirely withdrawn therefrom by pulling it sufficiently to spring the sides a slightly apart.

When it is desired to unlock the drawer, the bottom of the casing is struck against something, causing the drawer to drop down below the catch A^2 , and the spring C immediately throws the drawer outward until the sides b^4 strike against the inturned edges a^6 .

I claim as new and desire to secure by Letters Patent—

1. The combination with a suitable casing of a drawer sliding therein, the sides of which are narrower at the inner end, a catch in the casing, and a spring adapted to hold said drawer in engagement with the catch, except when the box is jarred, when said drawer will fall below the catch; substantially as described.

2. In a device of the class described, the combination with the portion A, having the upturned sides, a , and end piece, a' , of the upper portion, A' , having the downturned sides, a^2 , a^3 , the sides a , and end a' , being bent over the portion A' , and the drawer, B, sliding therein and provided with a suitable locking device; substantially as described.

3. The combination with a suitable casing open at one end, of a drawer sliding therein, a catch in said casing, a spring adapted to hold the rear end of the drawer in engagement with said catch and adapted to throw said drawer outward when released from the catch, the inturned edges, a^6 , and stops b^4 , adapted to strike said inturned edges and prevent the drawer from being wholly withdrawn; substantially as described.

In testimony whereof I have hereunto set my hand this 10th day of February, A. D. 1896.

GEORGE E. CLOW.

Witnesses:

CHAS. O. SHERVEY,
M. L. SHEAHAN.