

(No Model.)

Z. A. BARRETT. BOX.

No. 573,753.

Patented Dec. 22, 1896.

Fig. 1.

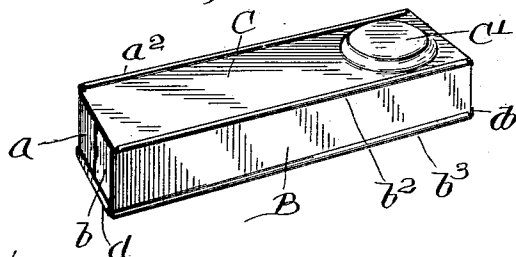


Fig. 2.

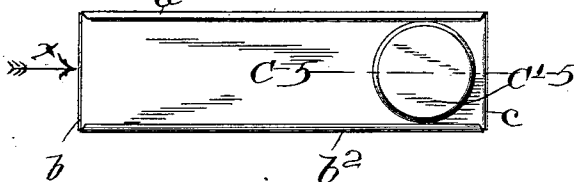


Fig. 3.

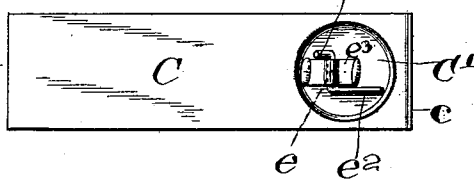


Fig. 4.

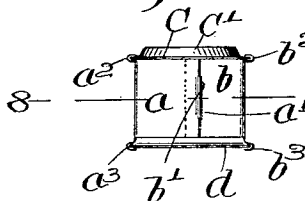


Fig. 5.

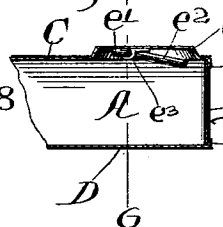


Fig. 6.

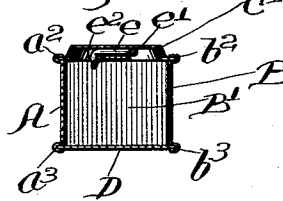


Fig. 7.

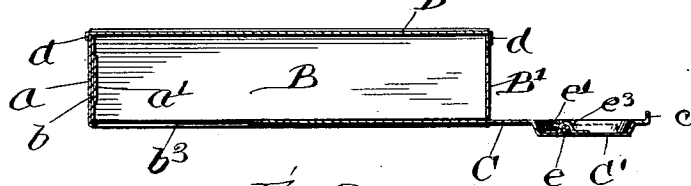
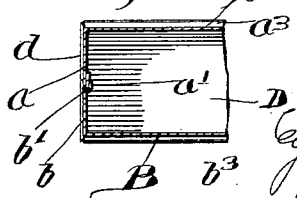


Fig. 8.



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ZEPHANIAH A. BARRETT, OF CHICAGO, ILLINOIS.

BOX.

SPECIFICATION forming part of Letters Patent No. 573,753, dated December 22, 1896.

Application filed January 16, 1896. Serial No. 575,727. (No model.)

To all whom it may concern:

Be it known that I, ZEPHANIAH A. BARRETT, 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 constructing a box containing novel features, which will be fully described in this specification and particularly pointed out in the appended claims.

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

Figure 1 is a perspective of my improved box. Fig. 2 is a plan thereof. Fig. 3 is an under plan of the cover. Fig. 4 is an end elevation of the box, looking in the direction of the arrow *x* in Fig. 2. Fig. 5 is a vertical diametrical section in line 5 5 of Fig. 2. Fig. 6 is a cross-section in line 6 6 of Fig. 5. Fig. 7 is a central vertical section of the box and cover, the box being shown in an inverted position and the cover partially withdrawn; and Fig. 8 is a horizontal section in line 8 8 of Fig. 4.

As shown in the drawings, the box is constructed of suitable material formed into the side, end, and bottom pieces and a removable cover secured thereto. The sides and ends are constructed of a strip of metal folded at the proper places to form a rectangular frame, the ends being preferably connected in the manner shown. The ends *a b* overlap slightly, and the end *a* is provided with a tongue *a'*, which is passed through a corresponding slot *b'* in the end *b* and then clamped back against the portion *b*, as seen in Fig. 8. The upper and lower edges of the sides *A B* are bent outward and then back again, thus leaving grooves *a² a³ b² b³*, (see Fig. 6,) in which are slipped the cover *C* and the bottom piece *D*. The bottom *D* is a little longer than the box itself, and the projecting edges are bent upward and crowded against the ends of the box, thus securing the bottom in place and preventing it from any accidental misplacement. The rear end of the cover is bent downward at *c*, (see Figs. 5 and 7,) which forms a stop

for the cover when it is in a closed position. The cover is stamped up near one end, as seen in Figs. 5 and 6, forming a socket *C'*, in which is secured a catch or locking device, which prevents the cover from being removed except when the box is held in a certain position. As shown in the drawings, this catch consists of a wire *e*, pivotally secured in the socket *C'* and having its ends *e' e²* bent at right angles to the pivotal portion *e* and extending in opposite directions from each other. The end *e'* is considerably shorter than the portion *e²*, its purpose being simply to form a stop to prevent the longer portion from falling below a certain point. The ends are not in the same plane, that is, the plane which intersects the pivotal line, but, as seen in Fig. 5, they are arranged so that when the end *e'* strikes the top of the socket *C'* the long end *e²* will lie below the top of the end piece *B'* and strike the same should an attempt be made to remove the cover when the box is in the position shown in Figs. 1, 5, and 6.

To remove the cover, it is necessary to invert the box, (see Fig. 7,) when the longer arm *e²* falls down into the socket and lies below the upper face of the cover and out of the way of the end piece *B'*, thus permitting the cover to be withdrawn.

The objects for which this box may be used are of course very numerous, and it may to a great extent be used for certain advertising purposes, suitable inscriptions being placed upon the sides and cover.

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

1. The combination with a box having suitable side, end and bottom pieces, of a cover, *C*, removably secured thereon, the socket, *C'*, and a catch pivoted in said socket having its ends, *e'*, *e²*, bent at right angles to the pivot; substantially as and for the purpose set forth.

2. The combination with a box having suitable side, end and bottom pieces, and the grooves, *a², b²*, of the cover, *C*, sliding in said grooves, the socket, *C'*, the arm, *e²*, pivoted in said socket, the stop, *e'*, and the downturned edge, *c*; substantially as described.

3. The combination with a box having suitable side, end and bottom pieces, and said

side pieces being bent to form grooves, a^2, b^2 ,
of the cover, C, sliding in said grooves, the
socket, C', the stop, c, the locking device com-
prising substantially the wire pivoted in the
5 socket, C', and having the portions, e', e^2 , and
the portion, e, at right angles thereto, said
portion, e^2 , being adapted to strike the end

of the box when said cover is removed except
when held in an inverted position; substan-
tially as described.

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