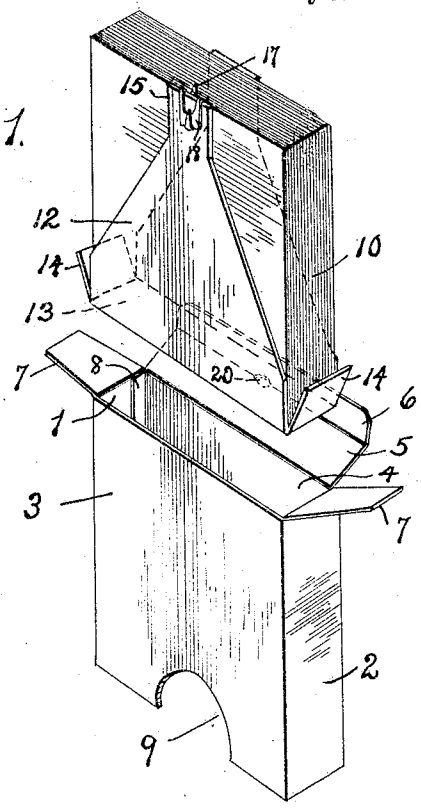
E. A. HAYNES.

BOX.

APPLICATION FILED AUG. 27, 1920.

1,379,100. Patented May 24 1921.

Fig. 1.



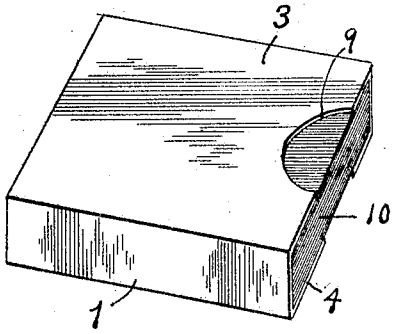
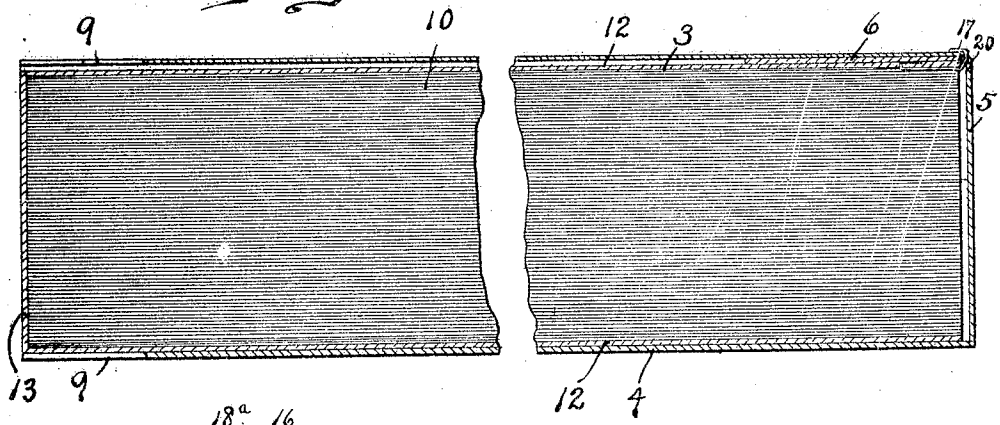


Fig. 2.

Fig. 3.



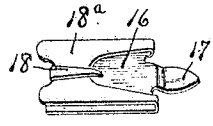


Fig. 4.

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BOX.

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Application filed August 27, 1920. Serial No. 406,359.

To all whom it may concern:

Be it known that I, EDWARD A. HAYNES, a citizen of the United States, and residing at Port Huron, in the county of St. Clair and State of Michigan, have invented a new and Improved Box, of which the following is a specification.

This invention relates to the construction of receptacles adapted for the storage and shipment of sheets of paper, particularly the thin sheets used in making carbon copies of letters and usually known as "second sheets", and its object is to provide a box into which the sheets may be placed with a minimum of labor, and from which such sheets may be readily taken one or more at a time as desired for use.

In the accompanying drawing, Figure 1 is a perspective of the cover of this improved box in proper position for filling. Fig. 2 is a perspective of a filled box from which the sheet holder has been removed. Fig. 3 is a longitudinal section of a filled box. Fig. 4 is a perspective of the fastener.

Similar reference characters refer to like parts throughout the several views.

The demand for second sheets used in correspondence is very large and these sheets are usually quite thin, not only to reduce cost but also to save filing space. They are usually cut from large sheets and considerable difficulty has been experienced in placing them in boxes for shipment because of this thinness. This packing is rendered very easy by the use of the box shown in the drawing, consisting of a cover and a sheet holder slidable into the cover.

The cover is cut from a sheet of thick paper or straw board to have narrow sides 1 and 2, and wide sides 3 and 4, a flap 5 hinged to the side 4 and having a lip 6, and small flaps 7, although these may be omitted. A strip 8 of the material along the edge of the wide side 4 is cemented to the side 1 and the wide sides are formed with notches 9 to permit the sheet holder to be pulled out and also to permit the removal of individual sheets 10.

The sheet holder comprises the leaves 12 connected by the end 13 to which also are connected the flaps 14. The leaves 12 are preferably cut away or tapered to leave only the narrow outer ends 15, to one of which is attached any desired means to secure the sheet holder in position in the cover. In Fig. 4, the fastener is shown to consist of a back 16 having a tongue 17 and a finger 18, the latter adapted to extend through one end 15 of one leaf 12 and be bent down onto the front 18^a, the front and back of the fastener being on opposite sides of the end 15 when the fastener is applied thereto.

A pile of large sheets, usually one thousand, are cut to proper size, usually about eight inches by thirteen inches, and an operator takes a stack of these small sheets and places it between the leaves 12 of the sheet holder and then lowers the holder and the sheets into the cover, as indicated in Fig. 1. The flaps 14 fold up against the lower ends of the side edges of the sheets and protect them as they slide down. The flaps 7 of the cover are then folded down onto the sheets and the wide flap 5 and its lip 6 are then folded over the flaps 7 and the sheets, the lip 6 entering between the side 3 and the adjacent leaf 12 of the holder, the flap 5 thus constituting one end of the box, the other end being the end 13 of the sheet holder.

A small aperture 20 is formed just at the hinge line between the flap 5 and its lip 6, and just before the flap is being pressed against the sheets 10, the tongue 17 of the fastener passes up through this aperture 20, to be then bent down, as indicated in Fig. 3, over the edge of the wide side 3 of the cover, as soon as the end 5 of the cover has been pressed down to proper position. This fastener not only holds down the end 5 but also secures the sheet holder in position within the cover.

When the paper is to be used, the tongue 17 of the fastener is bent out flat and the holder is grasped where the notches 9 permit, and the holder is pulled out through the open end of the cover, leaving the sheets behind, as shown in Fig. 2, which permits single sheets 10 to be withdrawn as desired.

The details and proportions of the various parts of this box may be varied to suit different sizes and amounts of paper without departing from the spirit of my invention as set forth in the following claims. It is to be understood that while this box is especially adapted for second sheets, the invention is not limited thereto but is suitable for all kinds of paper, cards and other flat articles.

I claim:

1. A box consisting of a rectangular cover and a holder, the cover having an open

end and a flap hinged at the opposite end of the cover to one of its sides and adapted to close the adjacent end of the cover, said holder comprising an end and two leaves connected thereto between which the contents of the box are placed, said holder and the contents thereof being slidable into said cover, and a metal fastener attached to the end of one of said leaves and comprising a tongue adapted to engage the adjacent edge of one side of the cover and said flap of the cover to secure the holder in position.

2. A box consisting of a holder comprising a rectangular end and two sides connected to said end and tapering therefrom between which the sheets are held, a cover to receive the holder comprising narrow and wide sides and a flap hinged to a wide side and adapted to be folded down onto the holder and the contents thereof, said flap having a lip which extends in between the wide side of the cover and one of the leaves of the holder, said flap being provided with an aperture along the line of connection with the lip, and a metal tongue extending from the free end of one of said leaves through said aperture and bent over the adjacent edge of a wide side of said cover.

EDWARD A. HAYNES.