

No. 665,557.

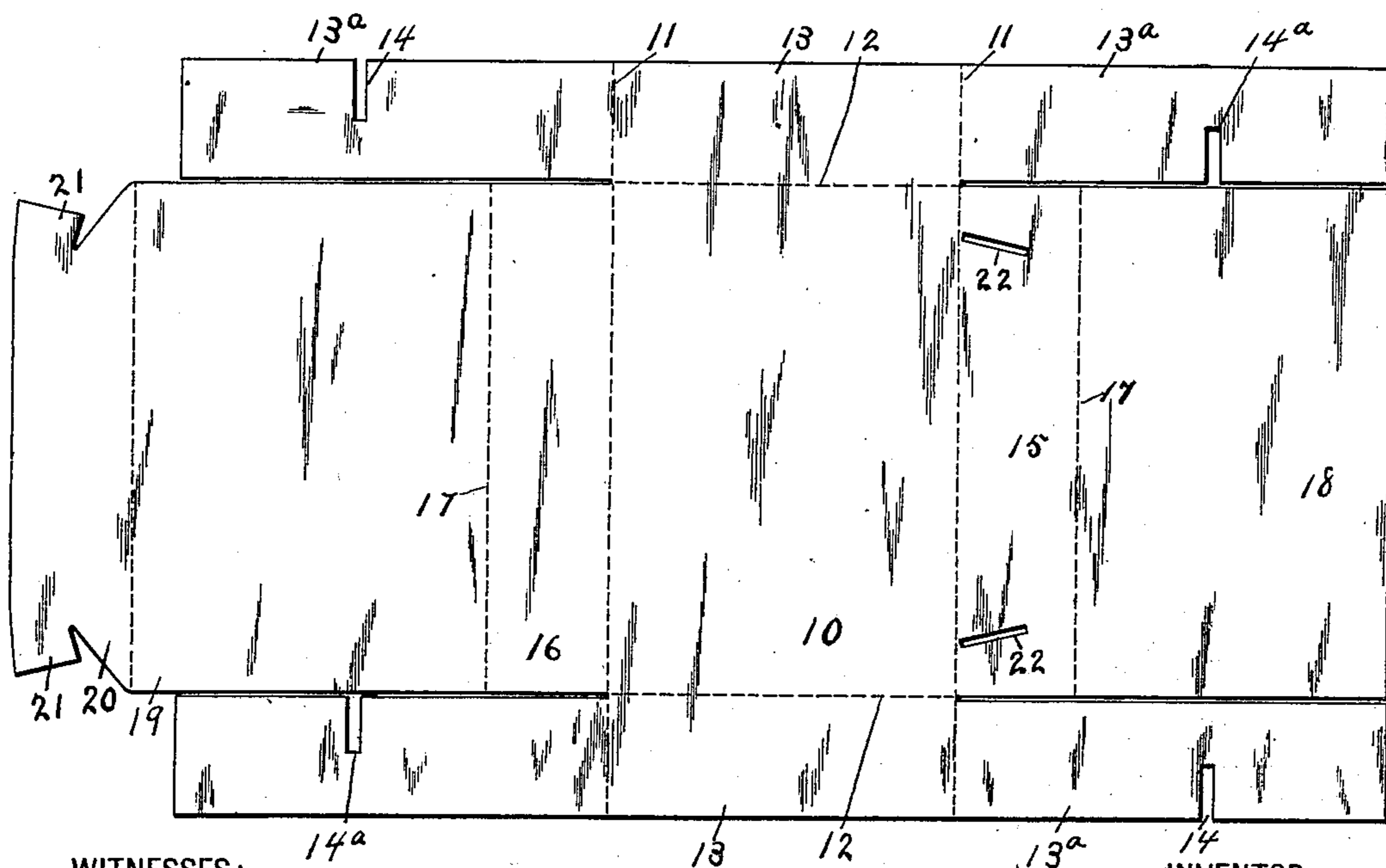
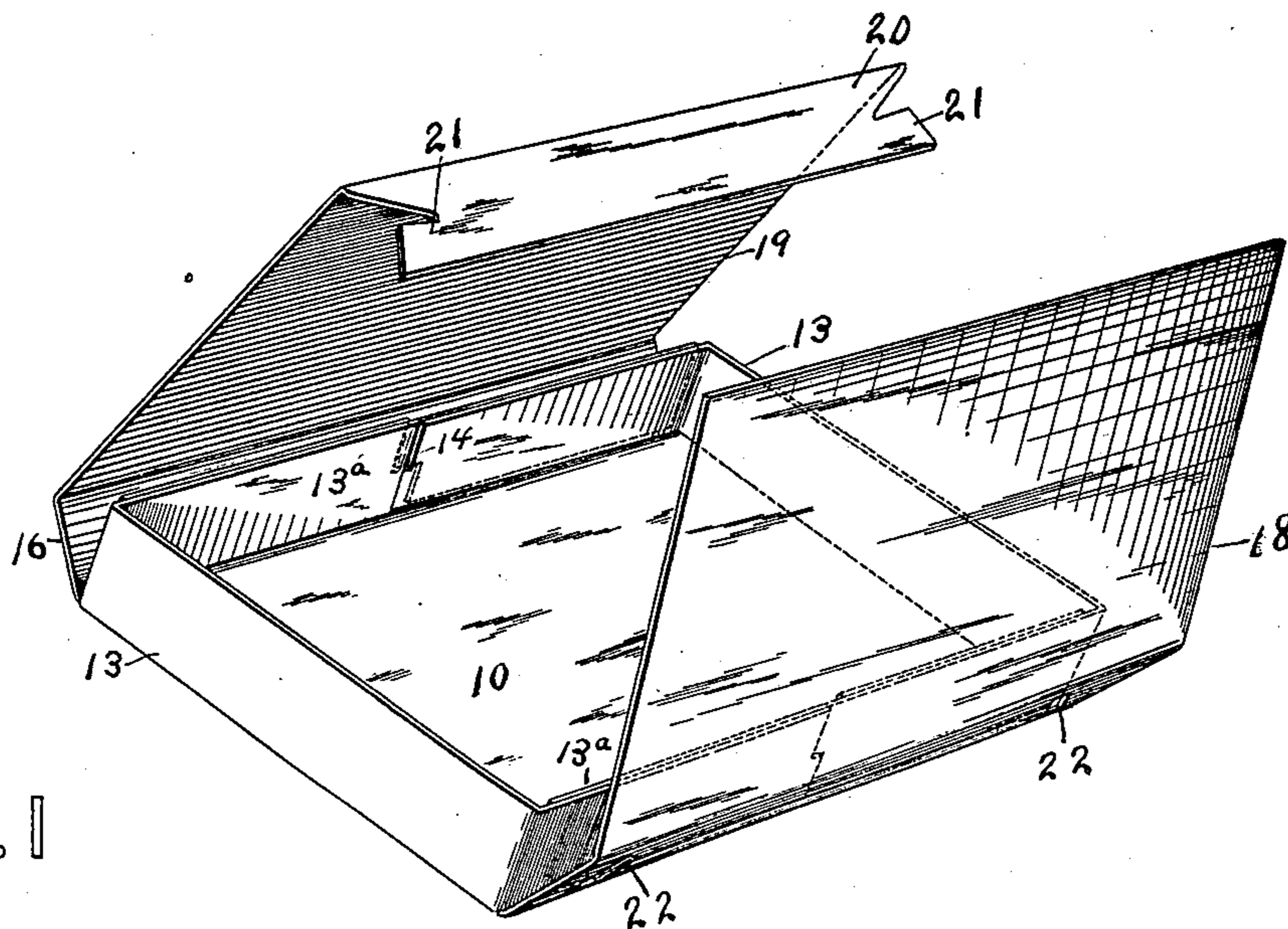
Patented Jan. 8, 1901.

Z. B. WEBB.
FOLDING BOX.

(Application filed Jan. 31, 1900.)

(No Model.)

FIG. 1



WITNESSES:

Arthur G. Lunders
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FIG. 2

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ZAIDA B. WEBB, OF WHIPPANY, NEW JERSEY, ASSIGNOR, BY MESNE ASSIGNMENTS, TO THE WEBB FOLDING BOX COMPANY, OF NEWARK, NEW JERSEY.

FOLDING BOX.

SPECIFICATION forming part of Letters Patent No. 665,557, dated January 8, 1901.

Application filed January 31, 1900. Serial No. 3,423. (No model.)

To all whom it may concern:

Be it known that I, ZAIDA B. WEBB, of Whippany, in the county of Morris and State of New Jersey, have invented certain new and useful Improvements in Folding Boxes, of which the following is a full, clear, and exact description.

My invention relates to improvements in folding boxes; and one object of my invention is to produce a very simple and substantial folding box which can be quickly set up or knocked down, which is held in position for use without glue or other fastening, except such as is made by the engaging parts of the box, and also to produce a box which is very convenient for use in carrying small articles—such as matches, toothpicks, and the like—although, of course, its use is not restricted to such articles.

Another object of my invention is to produce a box which cuts to specially good advantage without wasting stock.

To these ends my invention consists of a folding box the construction of which will be hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar figures of reference refer to similar parts throughout both views.

Figure 1 is a perspective view of the open box, showing my improvements; and Fig. 2 is a detail of the box-blank.

It will be noticed that the blank when laid flat is of a uniform width, except for a slight projection at one end, so that the blank can be conveniently cut from a strip of paper or other material of the correct width and practically no waste is made. The blank has a rectangular bottom 10, which is scored around by the parallel score-lines 11, which extend the full width of the box-blank, and the score-lines 12, which intersect the aforesaid lines 11 at opposite ends of the box-bottom. The score-lines 12 divide the bottom from the end pieces 13, which are adapted to turn up to a vertical position, and each end piece has at opposite sides the tongues 13^a, which are of the same width as the end piece, and consequently are of the same height as the box.

The tongues 13^a are separated from the end pieces by the score-lines 11, above referred

to, though it will be understood that in any particular place score-lines can be dispensed with if the right material is used; but score-lines are preferably employed when bends or folds are made. These tongues 13^a are adapted to extend inward at right angles to the end pieces 13 when the box is set up, and they are provided with notches 14 and 14^a, which are produced on opposite edges of the tongues, so that when bent inward, as shown in Fig. 1, the notches 14 and 14^a of opposite tongues may be brought into registry and the tongues quickly pushed together, and by thus interlocking they are securely held and form the inner sides of the box.

Outside the score-lines 11 are the side pieces 15 and 16, which are of the same height as the end pieces 13 and tongues 13^a, and when turned up the side pieces lie against the outer sides of the tongues 13^a, thus reinforcing them.

The side pieces 15 and 16 are separated by score-lines 17 from the top piece 18 and the cover 19. The top piece 18 is adapted to fold inward and lie over any material contained in the box, thus serving as an extra safeguard to prevent its accidental removal; but for many kinds of material the box is tight enough and strong enough without the top 18, and so for such use the box can be made without such top.

The cover 19 is adapted to turn inward over the box-top and over the top piece 18 in case the latter is used. The free end of the cover 19 terminates in a reduced locking-flap 20, which is separated from the cover by a score-line, and has laterally-extending locking-wings 21, which when the box is closed are adapted to enter the slots 22 in the side piece 15. In this way the flap 20 is made to lie flat against the side piece 15 and is securely locked by tucking the wings 21 into the slots 22, so that the box is thereby made very tight and secure.

For convenience in inserting the wings 21 the slots 22 are preferably inclined slightly, as the drawings show.

From the foregoing specification it will be seen that the box is very simple and that it can be set up with the greatest ease and despatch. By simply turning up the end pieces 13 and bending the interlocking tongues 13^a

inward and into engagement the box is ready for use.

It will be noticed that the parts extending from opposite side edges of the bottom 10 serve 5 as a wrapper to infold and secure the box-body, serving about the same purpose as the shuck of an ordinary slide match-box.

Having thus described my invention, I claim as new and desire to secure by Letters 10 Patent—

1. A folding box-blank comprising a bottom portion, end pieces projecting from opposite ends of the bottom portion, notched side flaps projecting from opposite side edges of 15 the end pieces, side pieces projecting from the two remaining sides of the bottom portion and lying between the aforesaid side flaps, one of said side pieces being slotted, a top piece forming an extension of one side piece, 20 and a cover portion forming an extension of the second side piece, and a terminal flap on the free edge of the cover portion, said flap

having the lateral wings 21, all substantially as described.

2. A folding box comprising a bottom portion, end pieces projecting from opposite ends 25 of the bottom portion and adapted to turn up perpendicular to the bottom portion, notched flaps at the side edges of the end pieces, said flaps being adapted to fold inward to form the 30 box sides and to interlock with each other, side pieces extending from the two remaining edges of the bottom portion, the height of the side pieces corresponding to the height of the aforesaid flaps, and one of said side 35 pieces being slotted as at 22, a cover portion extending from the free edge of the unslotted side piece, and a terminal flap on the cover portion, said flap having side wings 21 to enter the slots 22, substantially as described. 40

ZAIDA B. WEBB.

Witnesses:

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