

(No Model.)

W. T. BOATWRIGHT.
SHIPPING CASE.

No. 536,506.

Patented Mar. 26, 1895.

FIG. 1.

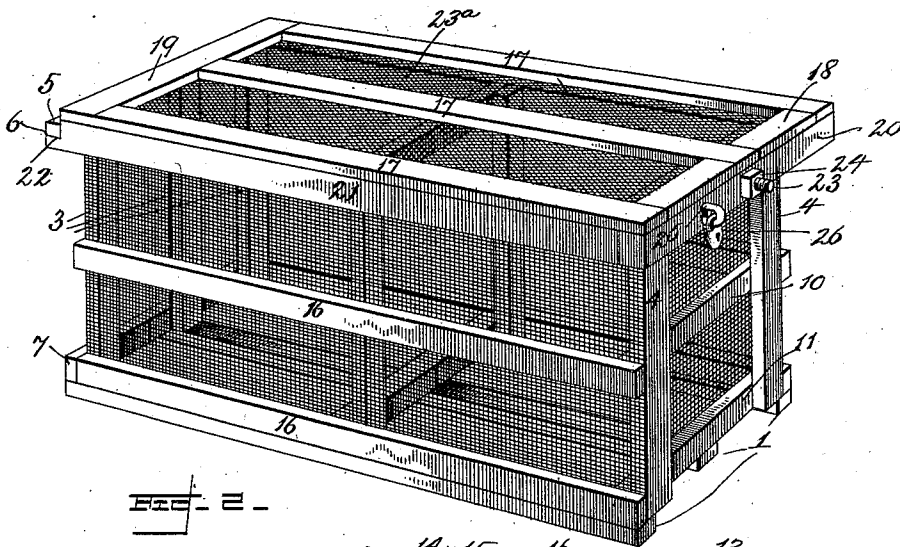
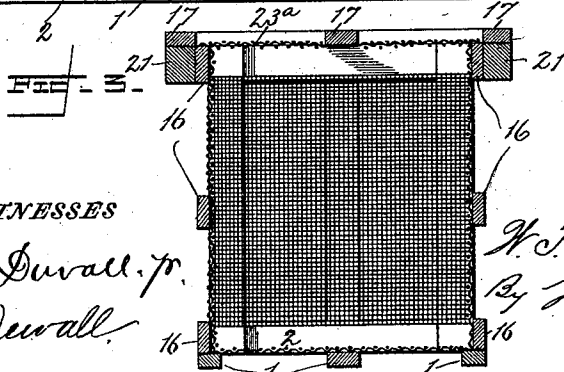
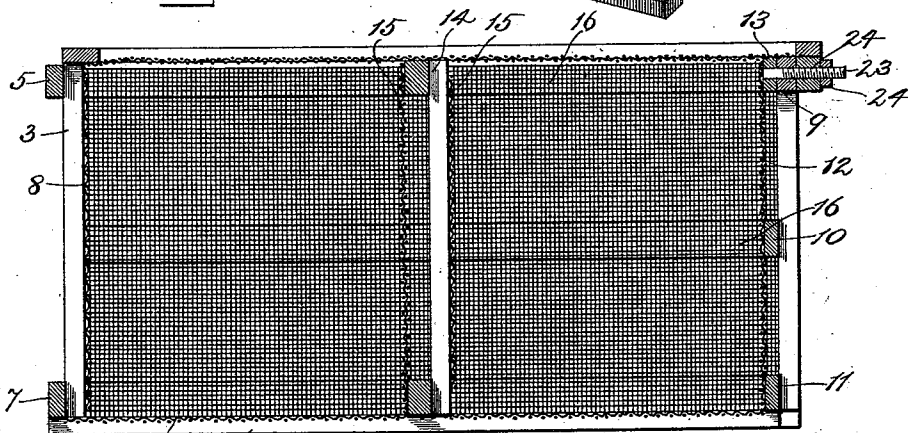


FIG. 2.



WITNESSES

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SHIPPING-CASE.

SPECIFICATION forming part of Letters Patent No. 536,506, dated March 26, 1895.

Application filed July 17, 1894. Serial No. 617,783. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM THRIFT BOATWRIGHT, a citizen of the United States, residing at Corsicana, in the county of Navarro and State of Texas, have invented certain new and useful Improvements in Shipping-Cases; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in shipping-cases or crates and means for fastening the covers to the same.

The objects of my invention are to cheapen the general construction of the case; to provide for a free circulation of air through the contents of the same, whereby it is adapted for use in shipping eggs, fruits, and other perishable articles, as well as general merchandise; and finally to provide for a convenient and secure fastening of the lid upon the case.

With the foregoing and other objects in view, the invention consists in certain features of construction hereinafter specified and particularly pointed out in the claims.

Referring to the drawings—Figure 1 is a perspective view of a shipping-case constructed in accordance with my invention, the lid or cover being locked in position thereon. Fig. 2 is a vertical longitudinal sectional view of the case. Fig. 3 is a vertical transverse sectional view of the case.

Like numerals of reference indicate like parts in all the figures of the drawings.

In constructing my case, I employ, in this instance, a bottom, which consists of a series of three longitudinally disposed slats 1, which are covered and have secured thereto a wire-netting 2. Rising from one end of the slats 1 are the vertical slats 3, there being three in number, and from the opposite ends of the two slats 1, there rise the two vertical slats 4. The slats 3 are connected at their upper ends by a transverse slat 5, whose ends project beyond the slats 3 and upon their undersides are recessed as at 6. The lower ends of the slats 3 are connected immediately above the slats 1 by the transverse slat 7, whose opposite ends also project beyond the opposite side edges of the outer vertical slats 3, and

rest upon and are secured to the ends of the longitudinal slats 1. Secured to the rear end-wall thus constructed is the wire-netting 8. The vertical slats 4 of the front end-wall are connected by a series of three transverse slats 13, 10, and 11, and the frame thus produced is covered by the wire-netting 12. The upper slat cleat 13 is reinforced by a similar slat 9, whose opposite ends are received to the vertical slats 4. Rising from the bottom-section about midway the same is preferably a rectangular frame 14, having the double wire-netting 15, arranged at opposite sides thereof.

The center wall and the front and rear walls are all three connected at their upper and lower ends and at their middles, by a series of longitudinal slats 16, the rear ends of the upper ones thereof abutting against the recessed slat 5, and the lower ones having their rear ends abutting against the ends of the lower transverse slat 7 and resting upon the upper sides of the longitudinal slats 1.

The lid consists of the oblong or rectangular frame, comprising the opposite side central and longitudinally disposed slats 17, connected by the front and rear end-slats 18 and 19, respectively. From the front slat 18, there depends the slat 20, and from the side slats 17 there depend the longitudinal slats 21, whose rear ends project and are recessed upon their upper sides beyond the slat 19, and are therefore adapted to interlock with the recessed ends 6 of the slat 5 by engaging under the same, all as indicated at 22, Fig. 1. This completes the construction of the case with the exception of the wire-netting 23^a, with which the lid or cover is provided, and it will be obvious that the case as a whole is extremely light, being composed of very little timber, and also is extremely airy and well ventilated. In fact the entire frame-work may be constructed of waste-strips of lumber.

In order to apply the lid or cover, it is simply necessary to enter the rear end of the same over the front end of the case and subsequently slide the lid to the rear until the recessed ends of the side slats 21 pass under the recessed ends 6 of the transverse slat 5. Of course some means must be provided for locking the front end of the lid against rising or longitudinal movement, and I will now proceed to describe one very simple inexpensive

means for this purpose. A hole is bored transversely through the slats 9 and 13, and passed through the two is a bolt 23, the head of the bolt being on the inside of the case. A corresponding hole 24 is also formed in the depending slat 20 for the reception of the outer end of the bolt. The cover or lid being in position and the bolt passing through the openings described, in order to secure the parts firmly together it remains simply to run a nut 24 upon the outer end of the bolt. In ordinary instances this will be sufficient, but where it is desirable to lock the lid or cover in position as well as secure the same, I employ a staple 25, projecting the same from the slats 13 and 9 through a slot formed in the slat 20, and engaging said staple by a pad-lock 26. The lid or cover is thus doubly secured against removal. It is obvious that a seal-wire may be substituted for the pad-lock, or it may be applied to the bolt in rear of the nut. In the latter instance the pad-lock and staple need not be employed.

Having thus fully described my invention, what I claim is—

1. In a shipping-case, the combination with the bottom longitudinal slats 1, the front and rear end slats 3 and 4 rising therefrom, the transverse slats connecting the slats 3 and 4, the rear upper one of said transverse slats having extended ends recessed upon their under sides, the opposite longitudinal side-slats connecting the vertical slats, the central partition-frame, the double wire-netting walls therefor, and the wire-netting walls for the bottom, front, rear and sides of the case, of the cover-frame adapted to rest upon the case, the netting therefor, and the front and side slats depending therefrom, the rear ends of the latter extending beyond the cover-frame and recessed upon their upper side and adapted to engage with the recessed ends of the transverse slat before mentioned, and means for securing the cover in position and against removal from the case, substantially as specified.

2. The combination with a shipping-case

having a rear transverse slat at its upper end, said slat extending beyond the walls of the case and recessed upon its under side and the removable cover for the case having depending front and side embracing slats, the latter extending beyond the rear end of the cover and recessed upon their upper sides to engage the slat of the case, of the bolt extending through the upper front end of the case and through an opening in the depending slat of the cover, and a nut removably seated thereon, substantially as specified.

3. The combination with a shipping-case, having a rear transverse slat at its upper end, said slat extending beyond the walls of the case and recessed upon its under side, and the removable cover for the case, having the front and side depending case embracing slats, the latter extending beyond the rear end of the cover and recessed upon their upper sides to engage the slat 5 of the case, means for securing the cover in position, and a staple extending from the front wall of the case and through a slot formed in the depending slat at the front end of the cover, and a pad-lock for the staple, substantially as specified.

4. The combination with a shipping-case, having a rear transverse slat 5 at its upper end, said slat extending beyond the walls of the case and recesses upon its under side, and the removable cover for the case having the front and side depending case embracing slats, the latter extending beyond the rear end of the cover and recessed upon their upper sides to engage the slat of the case, a bolt extending through the front depending slat of the cover and from the front wall of the case, a nut for the same, a staple extending from the front wall of the case and through a slot in said depending slat of the cover, and a pad-lock for the staple, substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

WM. THRIFT BOATWRIGHT.

Witnesses:

W. C. CHILCOOT,
M. T. JACKSON.