

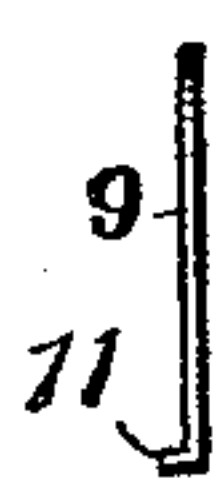
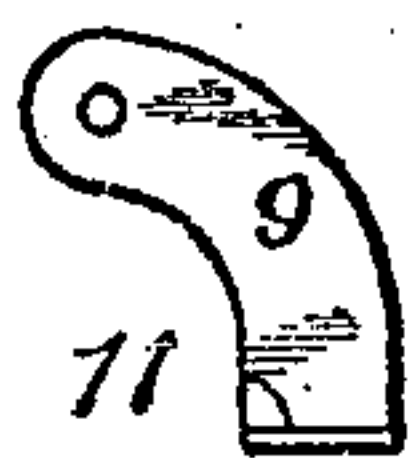
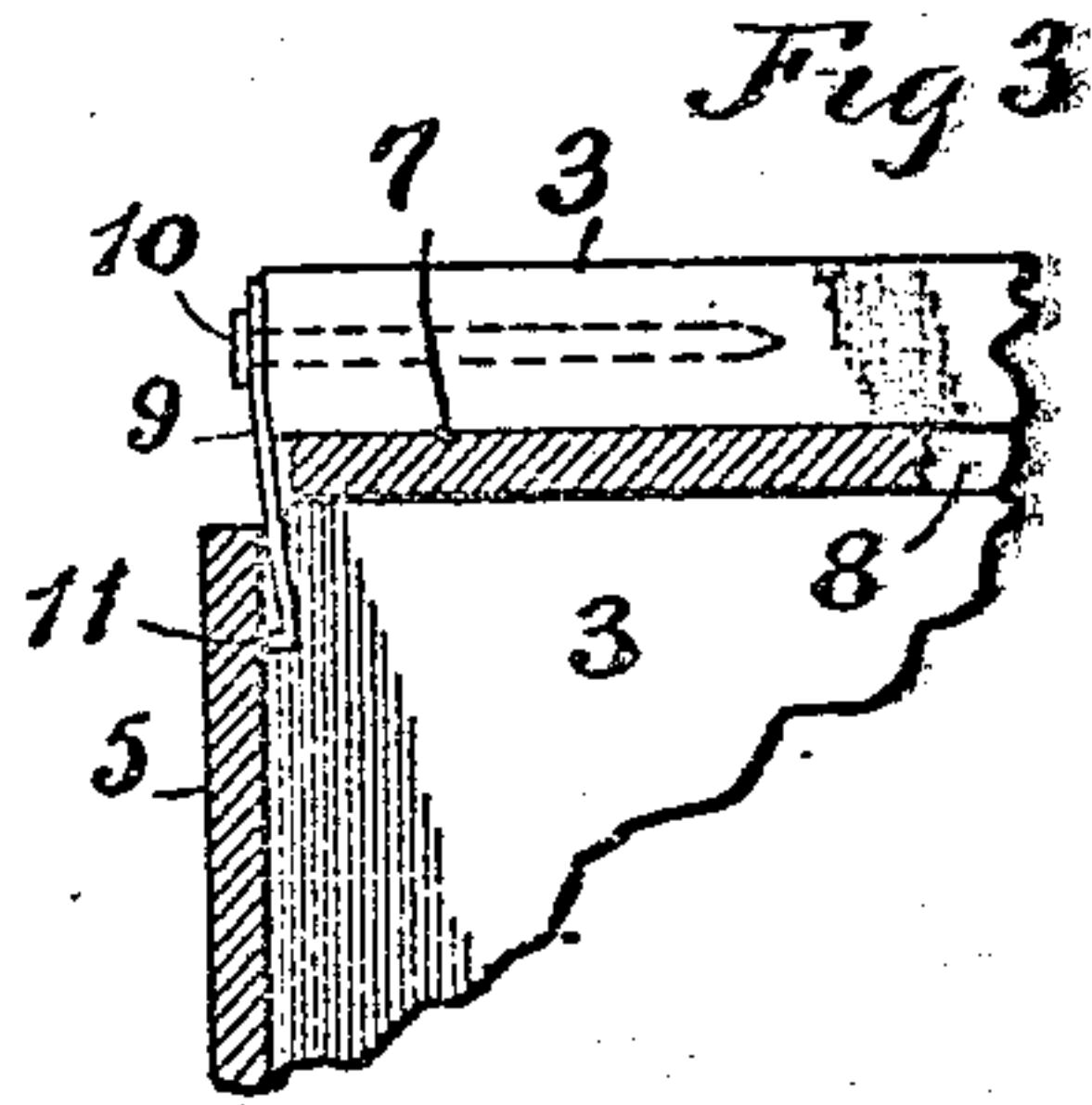
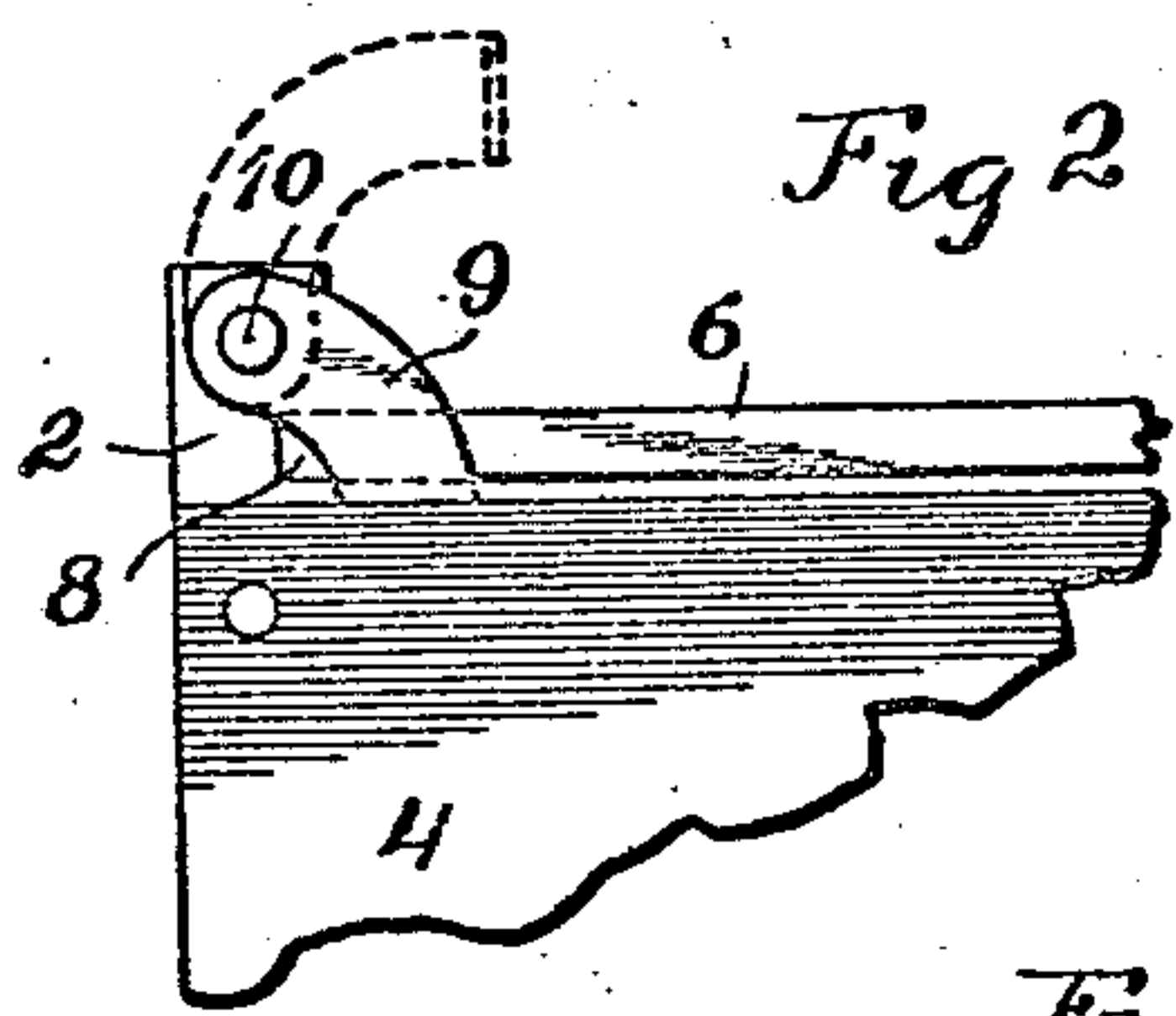
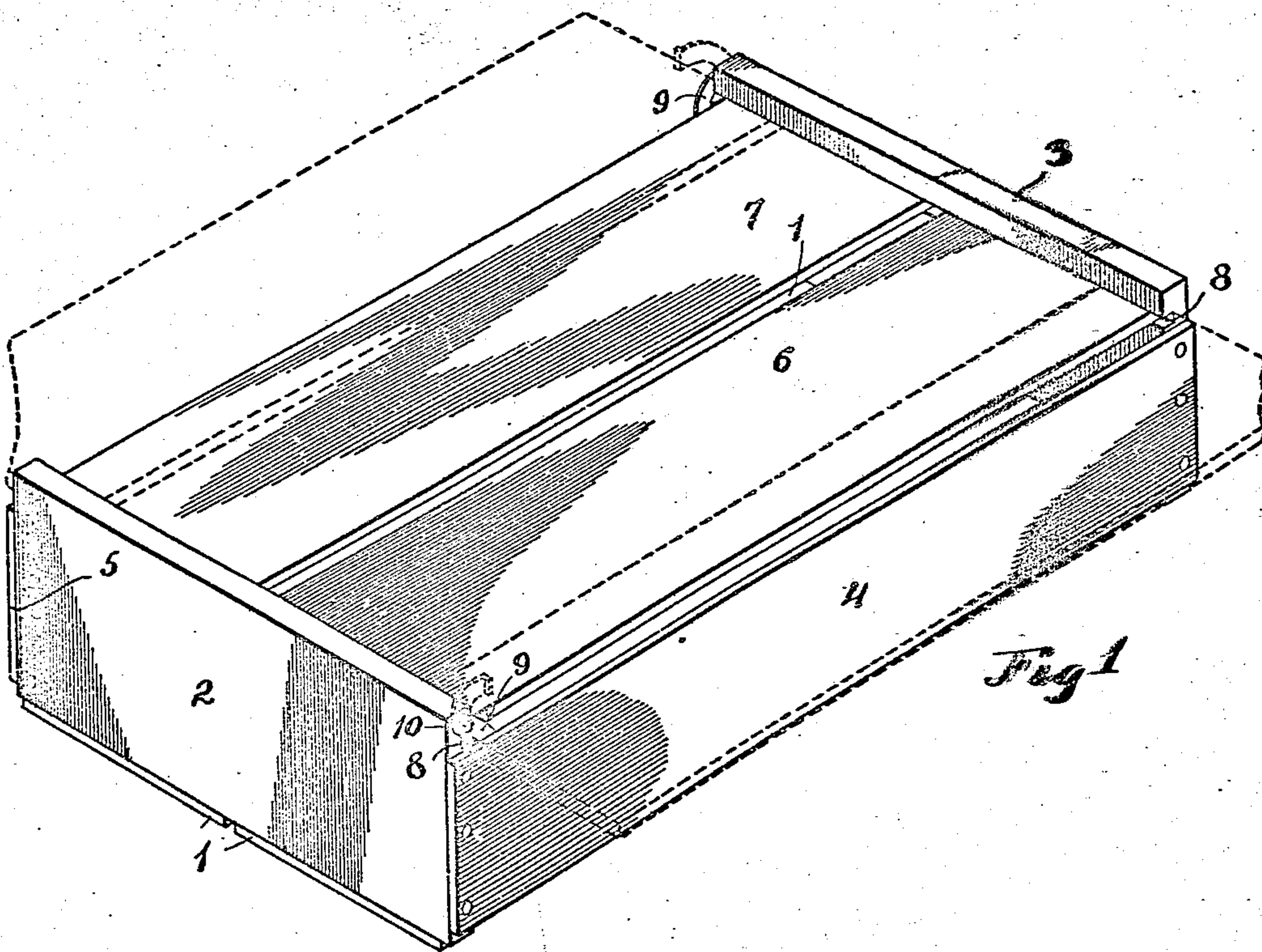
A. B. & C. F. BOYLAN & C. L. BENNETT.

PACKING CASE.

APPLICATION FILED OCT. 18, 1905.

899,097.

Patented Sept. 22, 1908.



Witnesses
R. Hamilton.
W. W. Singer.

Fig 5

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UNITED STATES PATENT OFFICE.

ALONZO B. BOYLAN, CASTELLA F. BOYLAN, AND CLAYTON L. BENNETT, OF VICTOR, COLORADO.

PACKING-CASE.

No. 899,097.

Specification of Letters Patent.

Patented Sept. 22, 1908.

Application filed October 18, 1905. Serial No. 283,264.

To all whom it may concern:

Be it known that we, ALONZO B. BOYLAN, CASTELLA F. BOYLAN, and CLAYTON L. BENNETT, citizens of the United States, and residents of Victor, in the county of Teller and State of Colorado, have invented a new and useful Improvement in Packing-Cases, of which the following is a specification.

Our invention relates to improvements in packing cases particularly adapted to contain fruit, eggs and similar produce.

The object of our invention is to provide a packing case having a cover which may be quickly removed for the inspection of the fruit or other produce contained in the packing case and without injury to the packing case.

Our invention provides further, a packing case having a removable cover which may be quickly replaced and locked in the closed position after the contents of the case have been inspected.

Our invention provides further, a packing case having a bottom, two sides and two ends, a cover slidably mounted between the ends inwardly and outwardly over the upper edges of the sides, and releasable means for locking the cover in the closed position.

Our invention provides still further, a packing case comprising a bottom, two sides and two ends, a cover comprising two members independently slidable inwardly and outwardly between the ends and over the upper edges of the sides respectively, and means for locking the two members of the cover in the closed position.

Other novel features of our invention are hereinafter fully described and claimed.

In the accompanying drawings, which illustrate our invention—Figure 1 is a perspective view of our improved packing case, the cover being shown in solid lines in the closed position and in dotted lines in the open position. Fig. 2 is a side elevation view of one corner of the packing case showing one of the cover locking devices in solid lines in a closed position, the open position of the locking device being represented in dotted lines. Fig. 3 is a vertical sectional view of a portion of the packing case showing one of the cover locking devices in the closed position. Fig. 4 is an outer side elevation view of one of the cover locking devices detached. Fig. 5 is an edge elevation view of what is shown in Fig. 4.

Similar characters of reference denote similar parts.

In its preferable form our packing case comprises a horizontal bottom 1, two vertical ends 2 and 3, secured at their lower edges to the bottom 1, two vertical sides 4 and 5 secured respectively to the ends of the members 2 and 3, and a cover comprising two horizontal members 6 and 7, disposed side by side and slidably mounted between the ends 2 and 3, inwardly and outwardly over the upper edges of the sides 4 and 5 respectively. In the preferable form the inner sides of the ends 2 and 3, are provided each with a horizontal groove 8 extending the full length of the end and disposed above the upper edges of the sides 4 and 5. The ends of the members 6 and 7 are slidably mounted in the grooves 8, said members being slidable independently inwardly and outwardly whereby the contents of the case may be more readily inspected. For retaining the cover in the closed position, we provide the following described releasable locking means:—Two resilient locking devices comprising preferably two flat resilient metallic plates 9, are pivotally mounted upon two nails 10, respectively, said nails being driven horizontally in opposite ends of the members 2 and 3, at points respectively above the upper edges of the sides 4 and 5. The free end of each plate 9 is provided with an outwardly extending projection 11, adapted to engage, when the plate 9 is in the position shown in Fig. 3, the inner side of the adjacent side of the body. When the plates 9 are in the position just described, they are disposed respectively between the outer edges of the cover members 6 and 7, and the sides 4 and 5 respectively, in which position they obstruct the outward movement of the cover members. When it is desired to inspect the contents of the packing case, the plates 9 may be swung to the open position, represented in dotted lines in Fig. 1, after which the cover members 6 and 7 may be successively outwardly withdrawn over the upper edges of the sides 4 and 5 respectively, thus uncovering the goods contained in the packing case and permitting ready inspection thereof. After the contents of the case have been inspected the members 6 and 7 are slid inwardly to the positions represented in solid lines in Fig. 1, after which the resilient plates 9 may be swung downwardly and in-

wardly to the position represented in Figs 1 and 3. To position the plates 9, as shown in Fig. 3, the free ends of said plates must be forced inwardly, and when so positioned, the resiliency of the said plates causes the projections 11 thereon to bear firmly against the inner sides of the adjacent sides 4 and 5 of the body.

In the packing cases for containing fruit, and as ordinarily constructed, it is necessary, when inspecting the fruit, to pry the cover from the body to which it is nailed, which operation requires, after the inspection, the renailing of the cover to the body. Furthermore, covers are frequently broken and destroyed while being pried off from the body of the case. With the use of our invention the inspection of the contents of the packing cases may be quickly made without injury to the packing cases and with the avoidance of the annoying incidents just alluded to.

Various modifications of our invention may be made without departing from its spirit.

Having thus described our invention, what we claim and desire to secure by Letters Patent, is:—

1. A packing case comprising a body having a bottom, two sides and two ends, the inner side of each end being horizontally grooved its full length above the upper edges of the sides, a cover comprising two members disposed side by side and slidable in said grooves inwardly and outwardly over the upper edges of the sides respectively, and two locking devices pivotally mounted on the body and movable to and from positions for obstructing the outward movement of the two members respectively of the cover.

2. A packing case comprising a body having a bottom, two sides and two ends, the ends on their inner sides each having a hori-

zontal groove extending the full length of the end and disposed above the upper edges of the sides, a cover comprising two members disposed side by side and slidable in said grooves, inwardly and outwardly over the upper edges of the sides, and two resilient devices pivoted to the body and movable respectively into and out of the box and to and from positions obstructing the outward movement of the cover members respectively, the free ends of said resilient devices, when the devices are so positioned, bearing against the inner sides respectively of the sides of the body.

3. A packing case comprising a body having a bottom, two sides and two ends, a cover slidably mounted between the ends, inwardly and outwardly over the upper edge of one of the sides of the body, and a resilient plate pivoted to the body and having an outwardly extending projection at its free end, said resilient plate being movable into and out of the box to and from a position in which the projection thereon will engage the inner side of the adjacent side of the body, in which position said plate will obstruct the outward movement of the cover.

In testimony whereof we affix our signatures in the presence of the subscribing witnesses.

ALONZO B. BOYLAN.
CASTELLA F. BOYLAN.
CLAYTON L. BENNETT

Witnesses to the signature of Alonzo B. Boylan:

WARREN D. HOUSE,
WARREN P. DAMERON.

Witnesses to the signatures of Castella F. Boylan and Clayton L. Bennett:

GEO. FARGHER,
W. S. HUNTLEY.