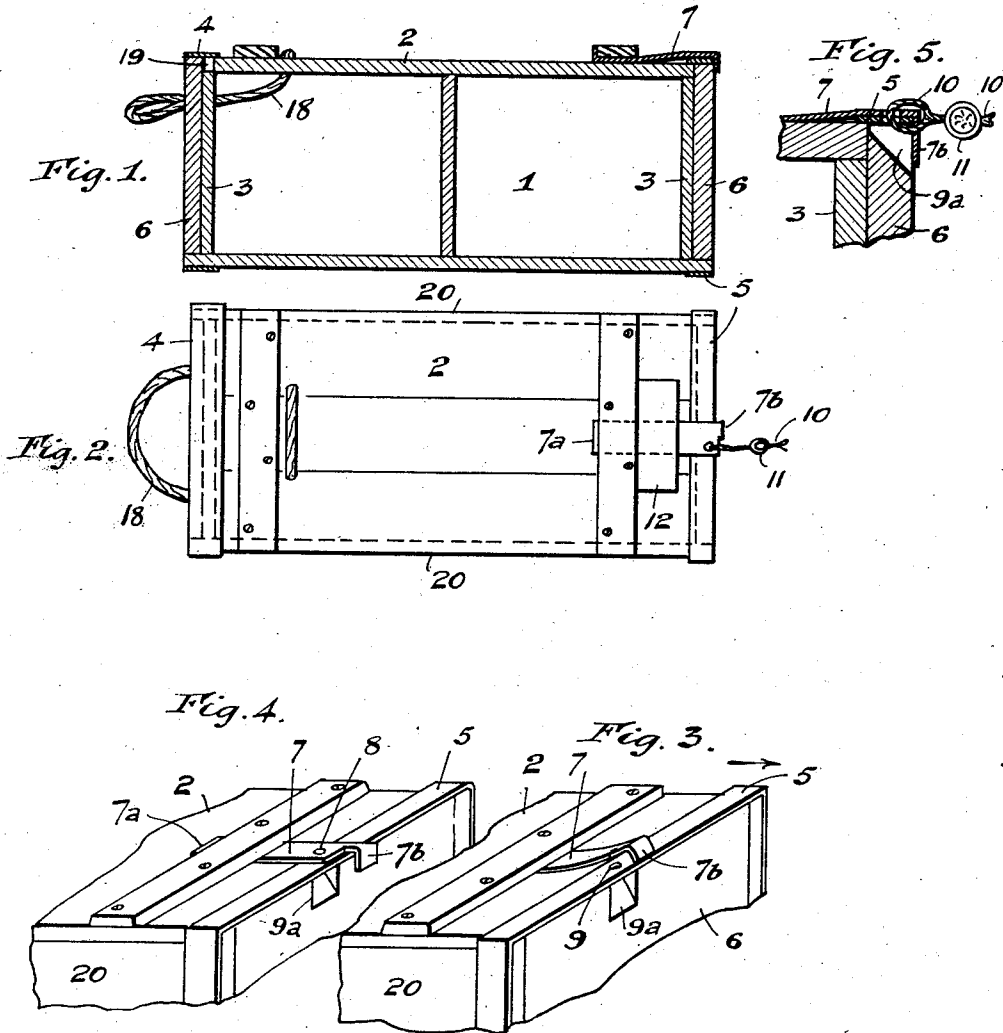


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 MEANS FOR FASTENING LIDS OF PACKING CASES.
 APPLICATION FILED FEB. 5, 1910.

1,047,895.

Patented Dec. 17, 1912.



Witnesses
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MEANS FOR FASTENING LIDS OF PACKING-CASES.

1,047,895.

Specification of Letters Patent.

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Application filed February 5, 1910. Serial No. 542,201.

To all whom it may concern:

Be it known that I, EDWARD ALEXANDER MATTHIAS, a subject of the King of Great Britain, and resident of Liverpool, England, have invented certain new and useful Improvements in Means for Fastening the Lids of Packing-Cases, of which the following is a specification.

This invention relates to improvements in that type of packing case which is adapted to be closed by means of a detachable lid which may be readily removed or reinserted without the necessity of nailing or similar modes of fastening liable to destroy the structure of the case in course of time.

The features of the present invention consist in providing the ends of the case with overhanging bands or the like of different widths, and in fitting the lid with a spring locking plate whereby the lid may be inserted beneath the bands or the like by means of a to and from longitudinal movement and then secured in its engaged position by the spring locking plate, means being also provided for sealing the locking plate.

The invention is illustrated in the accompanying drawings, in which,

Figure 1. is a longitudinal vertical section of a packing case constructed in accordance with this invention. Fig. 2. is a plan. Figs. 3. and 4. are fragmentary perspective views on a larger scale of the locking plate end of the packing case, Fig. 3. showing the locking plate about to engage the end of the case and Fig. 4. showing the position of the plate when the lid is quite shut. Fig. 5. is a fragmentary detail in vertical section showing the locking plate in its secured position and wired and sealed.

The box or packing case 1 is provided with the detachable lid 2, which is supported, as shown in Figs. 1. and 2. upon the top edges of the side walls 20 and the top edges of the inner end walls 3 of the case. If a mid partition is fitted, as indicated, this also serves to support the lid. The outer end walls 6 of the case are completely surrounded by rear and front bands 4 and 5, respectively, which overhang the top edges of the

inner walls 3 so as to form upper pockets 19 therewith, which pockets serve to receive the ends of the lid 2. The rear band 4 overhangs to a greater extent than the band 5 for a purpose to be hereinafter explained. By such an arrangement, after the lid has been inserted far enough under the band 4 until its front edge may be dropped down past the inner edge of the front band 5—the total length of the lid being so arranged as to permit of this action—it is slightly retracted so as to pass beneath the front band 5 until the end of the lid abuts against the front wall 6, in which position the lid will now also rest upon the upper edge of the front inner wall 3, as shown in Fig. 1. The band 4 is made sufficiently wide so that when in this position the rear edge of the lid is still housed beneath the band 4. A spring locking plate 7 is secured to the lid, say, beneath one of the cross battens as indicated, the rear end 7^a being upturned against the end of the batten, and half the front end of the plate being turned down to form a lip as indicated at 7^b. As the lid is being retracted in the direction of the arrow Fig. 3. so as to engage beneath the band 5, the lip 7^b rides on the band, and when the lid is quite home snaps down behind the end of the band 5 and holds the lid in its engaged position, see Fig. 4. A perforation 8 in the front end of the plate 7 then registers with a corresponding perforation 9 in the band 5, the end 6 of the box being also perforated or cut away at 9^a to form a continuation of the hole 9 through the end wall of the box. A wire 10, or the like locking means, is now threaded through the holes 8, 9, and 9^a, and its free ends then stranded so as to tighten the wire and hold the plate down, Figs. 1, 2, and 5. The wire may be utilized to secure to the box an address label, and it may, after stranding, be sealed by a lead seal 11 compressed over the stranded wire, or an adhesive paper seal 12 may be affixed over the plate 7, the case being then secure against being tampered with unless the seal is first broken.

I claim:

In a packing case in combination; a case; 100

overhanging bands surrounding both ends of the case; a lid adapted to be entered beneath the bands by means of a to and fro longitudinal movement; a spring locking plate on the lid; a perforation in the locking plate and a perforation in one of the bands, said perforations registering when the lid is in its engaged position; and a wire or the like threaded through both perforations and then sealed, substantially as described. 10

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

EDWARD ALEXANDER MATTHIAS.

Witnesses:

A. J. DAVIES,
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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
