G. E. MARTIN.

MAILING OR SHIPPING BOX.

APPLICATION FILED MAY 24, 1913.

1,174,081.

Patented Mar. 7, 1916.

3 SHEETS—SHEET 1.

Fig. 1.

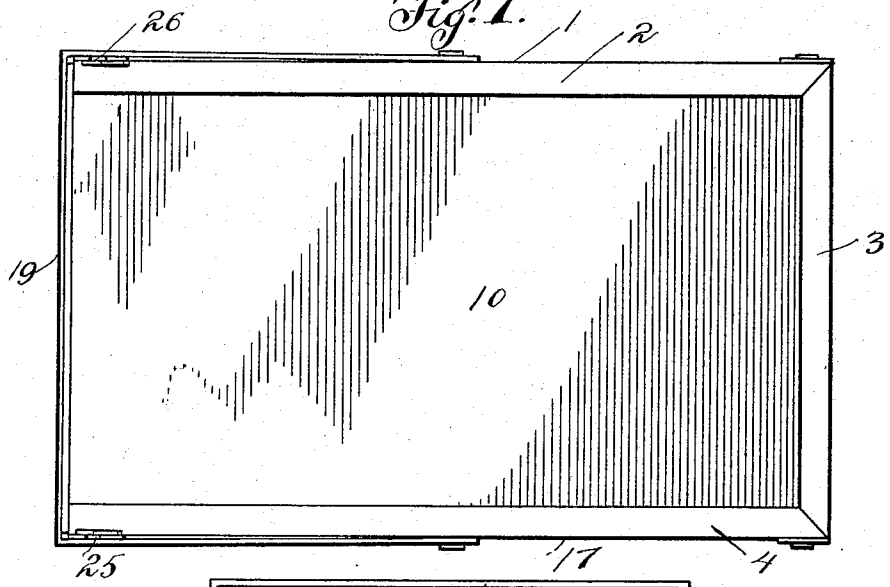
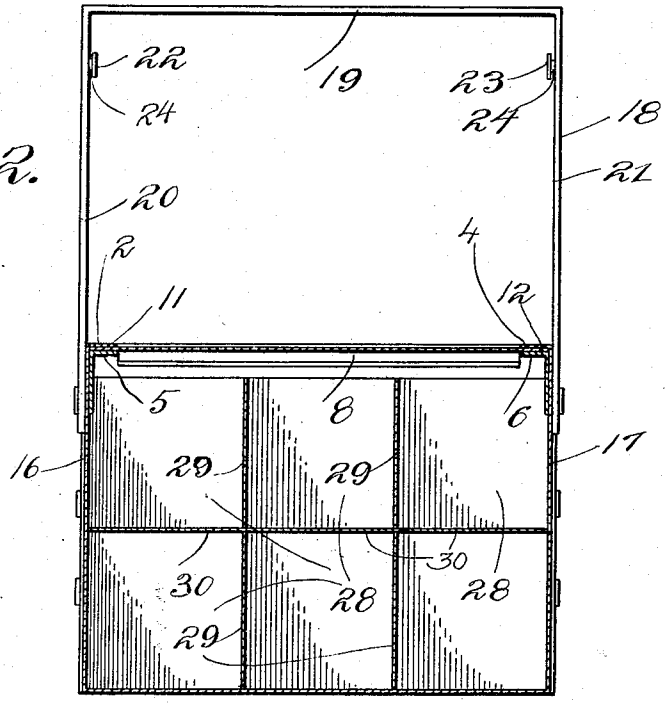


Fig. 2.



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3 SHEETS—SHEET 2.

Fig. 3.

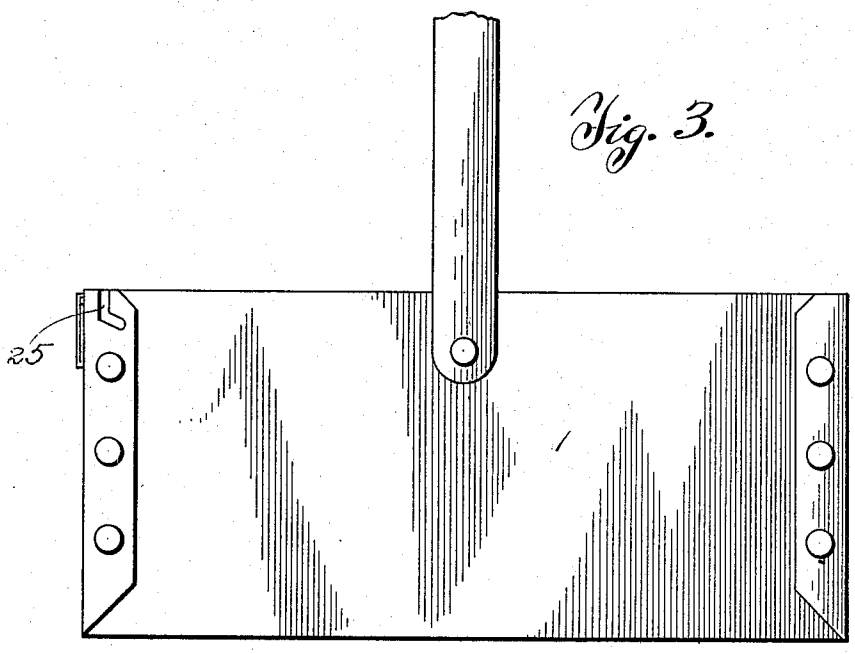
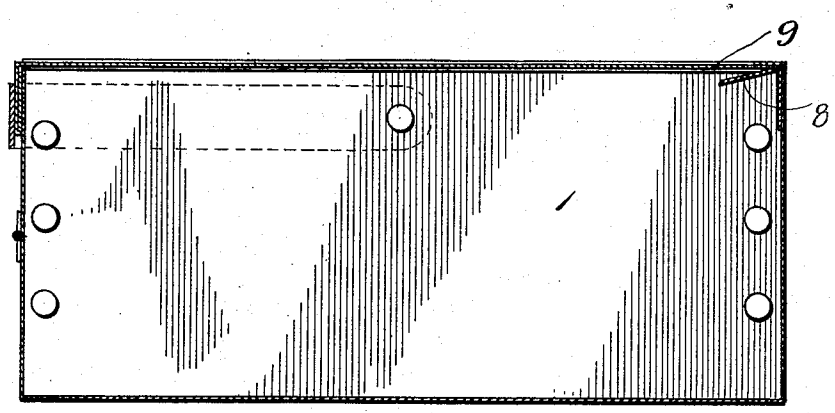


Fig. 4.



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3 SHEETS—SHEET 3.

Fig. 5.

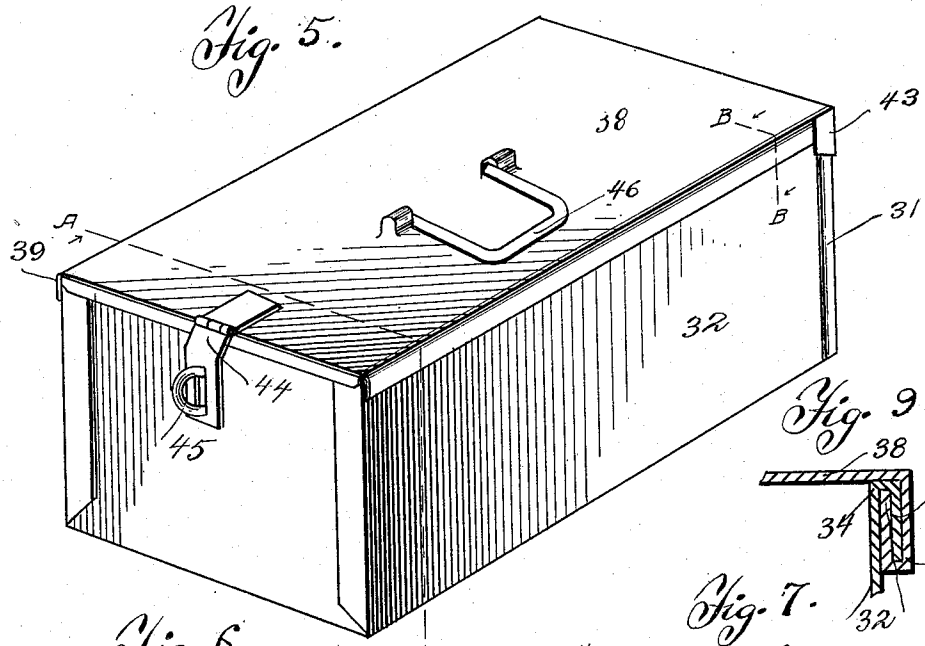


Fig. 9.

Fig. 6.

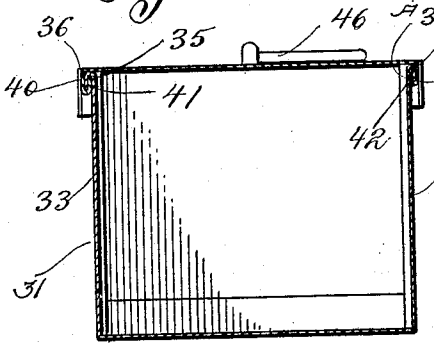


Fig. 7.

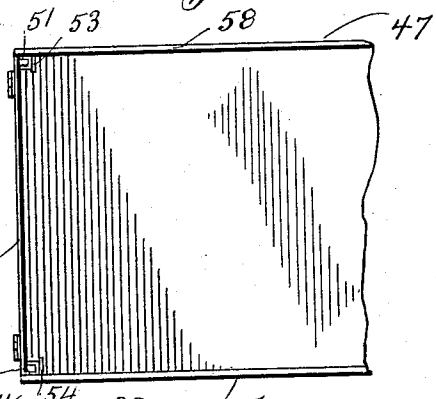
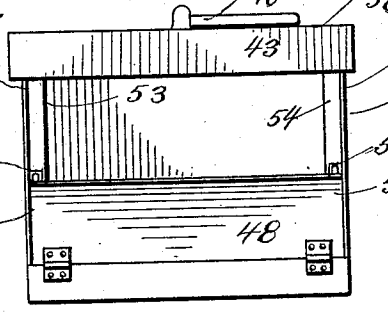


Fig. 8.



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UNITED STATES PATENT OFFICE.

GEORGE E. MARTIN, OF MONONGAHELA, PENNSYLVANIA.

MAILING OR SHIPPING BOX.

1,174,081. Specification of Letters Patent. Patented Mar. 7, 1916.

Application filed May 24, 1913. Serial No. 769,650.

To all whom it may concern:

Be it known that I, GEORGE E. MARTIN, a citizen of the United States, residing at Monongahela, in the county of Washington and State of Pennsylvania, have invented certain new and useful Improvements in Mailing or Shipping Boxes, of which the following is a specification.

This invention relates to improvements in mailing or shipping boxes and has for its object to provide a simple, durable and efficient box for shipping eggs or other perishable articles.

Another object of the invention is to provide a very light but durable box in which perishable products may be shipped.

Another object of the invention is to provide a shipping box having a bail by which the box may be carried and which is adapted to form a lock for said box. And still another object of the invention is to provide a box with an end gate and a cover adapted to hold said end gate closed.

With the above and other objects in view I have invented the device illustrated in the accompanying drawings in which—

Figure 1 is a top plan view of my improved shipping box, Fig. 2 is a section on line A—A of Fig. 3, Fig. 3 is a side elevation of the box, Fig. 4 is a section on line B—B of Fig. 1, Fig. 5 is a perspective view of another form of my improved box, Fig. 6 is a section on line A—A of Fig. 5, Fig. 7 is a top plan view of Fig. 8, with the cover removed, and shown partly broken away, Fig. 8 is an end elevation of a modified form of the box shown in Fig. 5, and Fig. 9 is an enlarged fragmental section on line B—B of Fig. 6.

Like reference characters indicate like parts throughout the following specification and in the several views in the drawings in which 1 indicates a box, made preferably from block tin and having overhanging flanges 2, 3 and 4, opposing flanges 5 and 6 directly under said flanges 2 and 4 but spaced apart therefrom whereby a guide is formed for the cover 10. An inclined flange 8 is arranged under the flange 3, but projecting outward and downwardly thereof so as to receive the edge 9 of the slidable cover 10, the opposing edges 11 and 12 being slidable between said flanges 2 and 5 and said flanges 4 and 6. The flange 8 being inclined catches the edge 9 into place. The end 13 of said box is provided with a hinged upper portion 14 whereby the contents of the box may be readily gotten at. The cover 10 is provided on its outer end with a right angular flange 15 which is adapted to close in against the upper edge of the hinged portion 14 and hold it in a closed position. Pivotally connected to the upper portion of the sides 16 and 17 of the box is a bail or handle 18 having a cross bar 19 adapted to fold down tightly against said flange 15 of the cover 10 and hold said cover against displacement. On the inner surfaces of the portions 20 and 21 of said bail are buttons 22 and 23 having reduced necks 24 adapted to enter the slots 25 and 26 having angular portions 27 into which said buttons are adapted to slide whereby said bail will be held securely in place while being transported. The resiliency of either the bail or the box to which it is secured will be sufficient to permit of the buttons being withdrawn from normal position in said inclined recesses as shown in Fig. 6 so that said box may be readily opened.

The box, as shown in Fig. 2 is provided with a series of cells 28 formed by partitions 29 and 30 for the reception of eggs or other fragile articles. The hinged door 14 will permit of the cell forming members being withdrawn without interfering with the flanges for guiding the cover.

In Figs. 5 and 6 are shown a different form of the invention in which the box 31 is provided with sides 32 and 33 the parallel edges 34 and 35 of which are returned to form overhanging flanges 36 and 37. The cover 38 is provided with parallel right angular flanges 39 and 40 which are returned at 41 and 42 to engage the flanges 36 and 37 on the sides 32 and 33 of the box. By means of this arrangement the box cover and sides of the box are held securely together and slidably connected. The cover 38 is provided with a right angular end flange 43 whereby the cover is held against sliding in one direction and a hasp 44 adapted to engage the staple 45 whereby the cover may be locked in place on the box if desired. A hinged handle 46 is also provided on the cover 38 whereby the box may be readily carried.

In Figs. 7 and 8 the box 47 is similar in construction to that shown in Fig. 5 except that the end 48 is hinged and has its edges 49 and 50 returned to form square posts 51 and 52 which are adapted to abut

the members 53 and 54 set in from the edges 55 and 56 of the box sides 57 and 58.

Having now described my invention that which I claim to be new and desire to procure by Letters Patent is:—

In combination with a box having a hinged end, a slidable top, said top having a flange adapted to hold said end closed, means for guiding said slidable top, means for holding said box closed, said means consisting of a bail adapted to fold down against said flange, said box being formed with curved slots at opposite sides of one end thereof and buttons carried by said bail arranged to enter said slots whereby said bail and box may be held rigidly connected.

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

GEORGE E. MARTIN.

Witnesses:

CHAS. A. NESSLER,

J. W. ALLEN.

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