

A. SABOR.

BOX.

APPLICATION FILED MAR. 8, 1909.

931,655.

Patented Aug. 17, 1909.

2 SHEETS—SHEET 1.

Fig. 1.

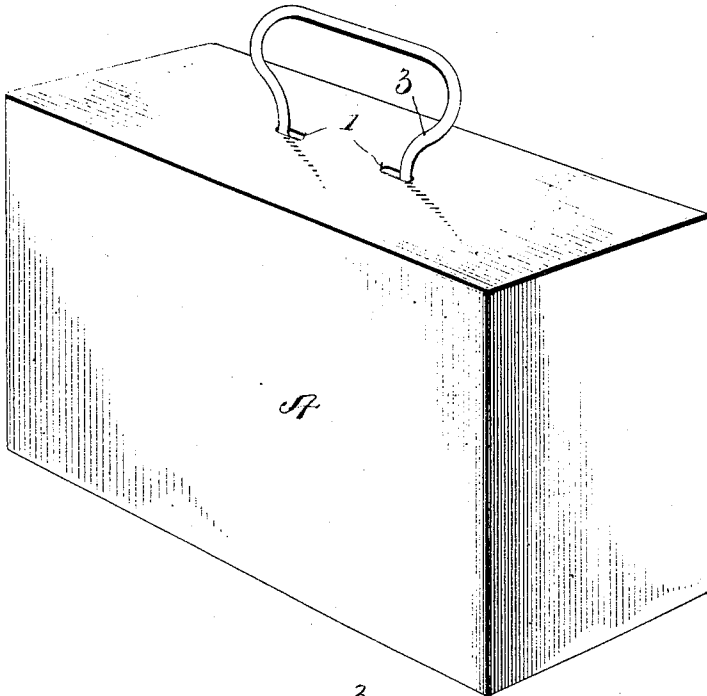
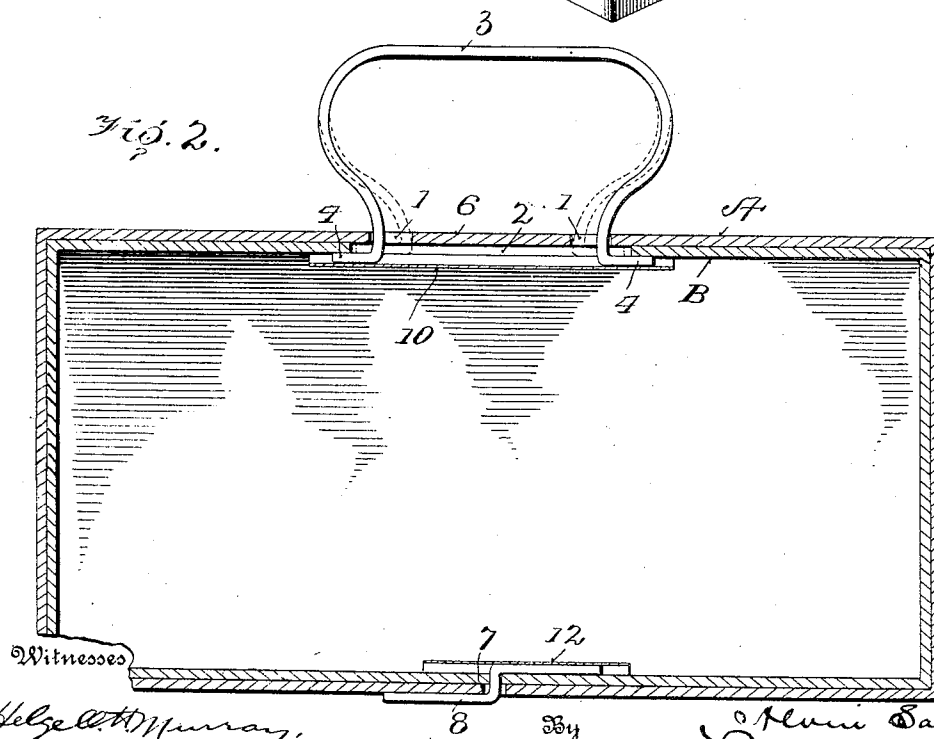


Fig. 2.



Inventor

Witnesses

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2 SHEETS—SHEET 2.

Fig. 3.

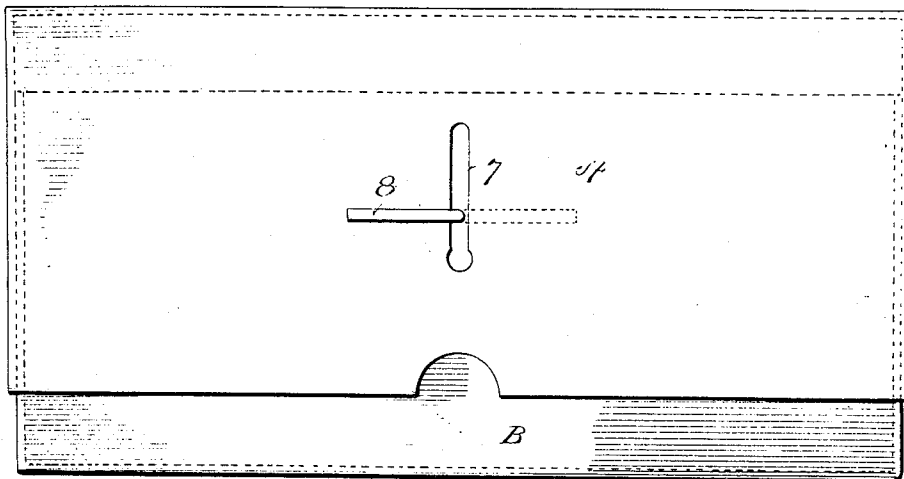


Fig. 4.

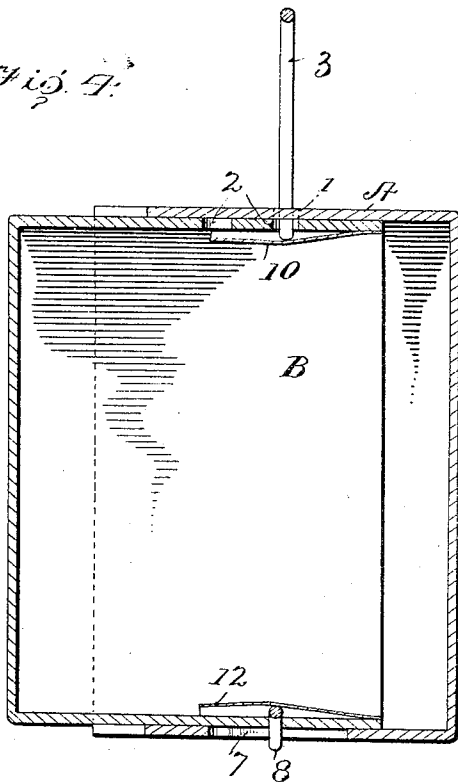
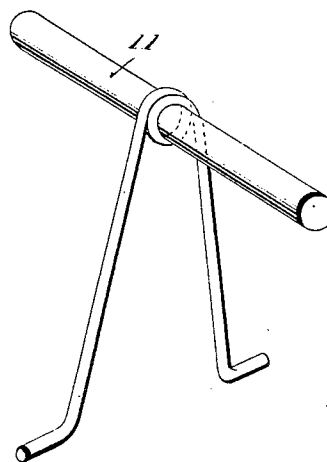


Fig. 5.



Witnesses

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By

Inventor
Alvin Sabor
Louis Bagge
his Attorneys

UNITED STATES PATENT OFFICE.

ALWIN SABOR, OF ST. LOUIS, MISSOURI.

BOX.

No. 931,955.

Specification of Letters Patent.

Patented Aug. 17, 1909.

Application filed March 8, 1909. Serial No. 481,904.

To all whom it may concern:

Be it known that I, ALWIN SABOR, a citizen of the United States, residing at St. Louis, in the county of St. Louis city and State of Missouri, have invented certain new and useful Improvements in Boxes, of which the following is a specification.

My invention relates to an improvement in boxes or cartons, and the object is to provide a box which can be made of any size and the telescoping sections of the box connected together against accidental separation of the two sections.

A further object is the fact of having one of the locking means adapted to form a handle for carrying the box or carton.

The invention consists of certain novel features of construction and combinations of parts which will be hereinafter fully described and pointed out in the claims.

In the accompanying drawings: Figure 1 is a perspective view; Fig. 2 is a longitudinal sectional view; Fig. 3 is a bottom view; Fig. 4 is a sectional view disclosing the opening in one side of the inner section of the box; and Fig. 5 is a modified form of handle.

A represents the outer section of the box, and B the inner section. The inner section is adapted to be received within the outer section A, the outer section forming the cover of the box. The outer section A is provided on the upper surface thereof with slots or openings 1, 1, and the inner section B is provided with enlarged slots or openings 2 on its upper surface, which are adapted to register with the openings or slots 1, 1. The two sections are connected together by means of a spring handle 3, which is provided with hooked ends 4. The sides of the handle are pressed together and inserted through the slots 1 and through one of the openings 2 of the members A and B respectively, and the hooked ends of the handle will engage the body of the member B due to the resilient sides of the handle. When the sides of the handle are released after being inserted through the openings 1 and 2, the hooked ends will spring outward or from each other and engage the body of the inner member. The openings 2 of the member B are of greater length than the distance between the outer edges of the two slots 1 in the member A. This permits of the hooked ends being disengaged from the member B when it is desired to remove

the member B from the member A, and the ends of the handle will engage the body of the member A, and it will, therefore, be unnecessary to remove the handle from the box member A when it is desired to remove the member B. When the member B is inserted in the member A the handle can be forced downward through the openings in the member A and through one of the slots 2 in the member B when the sides of the handle will move away from each other and engage the body of the box B. The sides of the handle will engage the central member or guiding strip 6 which separates the two slotted openings 1 in the member A when the hooks engage the body portion of the member A. The openings 2 permit of the expanding of the box sections when it is desired to fill the member B above the top thereof, which is accomplished by the handle passing through the uppermost slot 2 of the member B.

The member A is provided on the bottom with a horizontal elongated slot 7 through which is received a latch 8, which is pivotally mounted in the member B. When the two sections are placed together the latch is drawn through the elongated slot 7 and swung over upon the member A thereby holding the two bottoms of the section together. The elongated slot 7 permits of the expansion of the box in the same manner as the openings 2 in the member B. When it is desired to separate the sections the latch 8 is moved into the slot 7 and the hooks on the handle are withdrawn through one of the openings 2 until the hooks will engage the body of the section A. The two sections are now unlocked and can be withdrawn from each other. A flap 10 is secured to the member B on the inside thereof and is adapted to extend over the openings 2 and prevents the hooked ends of the handle from coming in contact with the contents of the box. Another flap 12 is secured to the member B and received over the end of the latch 8 which projects into the member B.

In the modification of the handle I have shown the resilient handle coiled in the center or wound around a wooden handle 11, the wooden portion acting as the handle or part to be grasped by the person carrying the carton. In the other form described the person desiring to carry the carton can grasp the metal handle.

From the foregoing it will be seen that I

have provided a means of connecting two sections of a box together which is simple of construction and may be manufactured at a small cost.

5 It is evident that more or less slight changes might be resorted to in the form and arrangement of the several parts described without departing from the spirit and scope of my invention, and hence I do not wish to
10 be limited to the exact construction herein set forth, but:

Having fully described my invention, what I claim as new and desire to secure by Letters Patent, is:—

15 1. A box composed of an inner and outer section, the inner section adapted to be received within the outer section, said sections having openings therethrough, a handle having hooked ends extending outwardly
20 therefrom adapted to pass through the openings of the two sections, and the hooked ends of the handle adapted to engage the body of the inner member for connecting the two sections together and permitting the
25 box to be carried by the handle.

2. A box comprising an inner and outer member, the inner member having openings in the top thereof for permitting the expansion of the box, slots in the top of the outer
30 member, a handle having hooked ends adapted to be received through the openings in the outer member and through one of the

slots of the inner member and the hooks adapted to engage the inner member whereby the two members are locked together. 35

3. A box comprising two members having openings therein, a handle received through the openings of the two members for connecting the two members together, said handle adapted to be withdrawn through the
40 opening of one of the members and engage the body of the other member whereby the two members are unlocked.

4. A box comprising an inner and outer member, the inner member having two open-
45 ings therein arranged one in advance of the other, and the outer member having openings therein adapted to be brought into alinement with either opening of the inner member, a handle received through the open-
50 ings of the outer member and through one of the openings of the inner member for connecting the two members together, said handle adapted to be withdrawn through the opening of the inner member and engage the
55 body of the outer member whereby the two members are unlocked.

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

ALWIN SABOR.

Witnesses:

L. R. STAUDINGER,
J. S. CORPREW.