

(No Model.)

A. SCHILLING.
BOX LINING.

2 Sheets—Sheet 1

No. 461,451.

Patented Oct. 20, 1891.

Fig. 1.

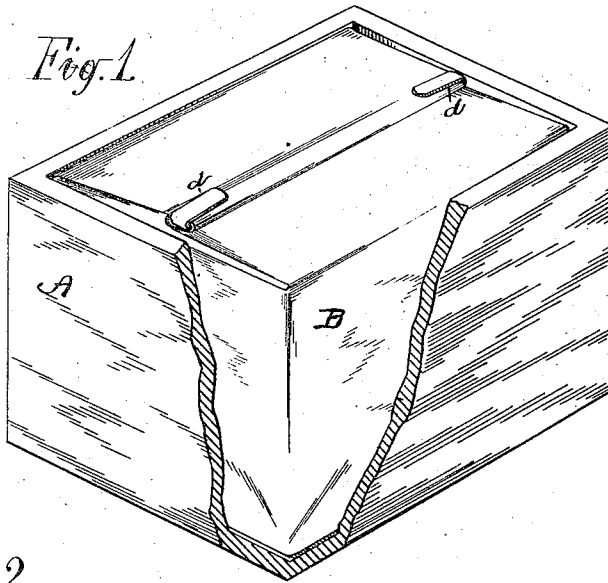


Fig. 2.

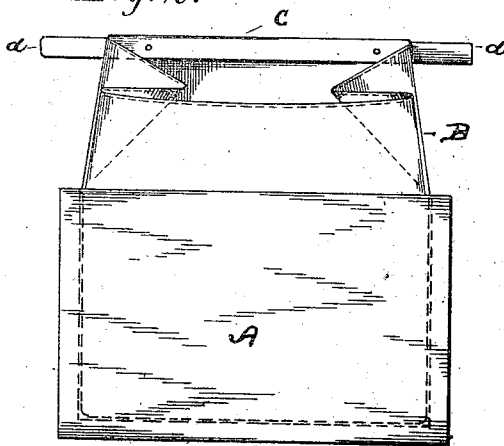
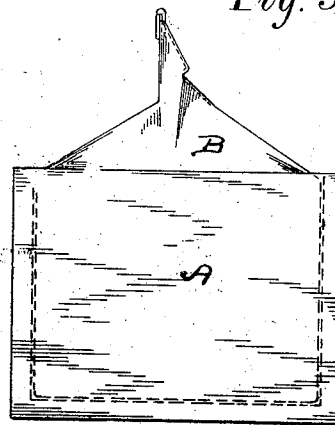


Fig. 3.



Witnesses.

H. H. H. H. H.
W. H. Cobb.

Inventor.

August Schilling
By C. H. H. H. H.

(No Model.)

2 Sheets—Sheet 2.

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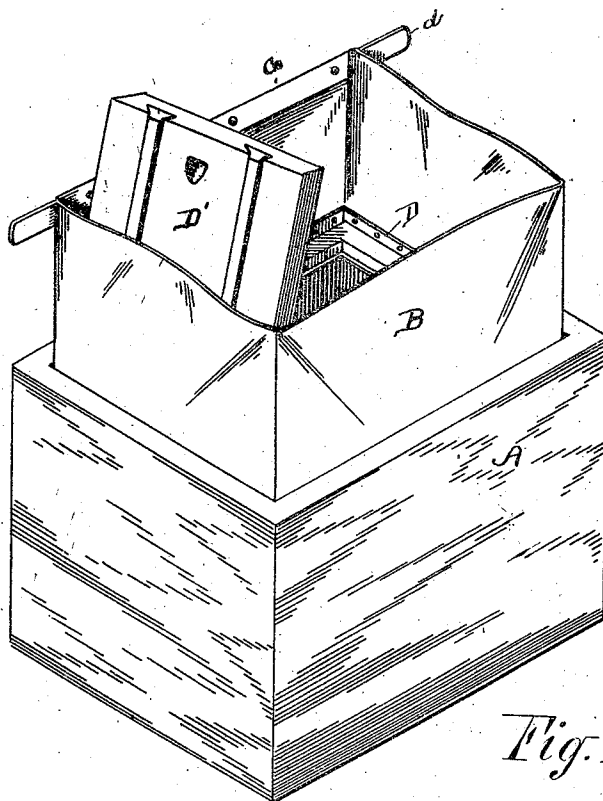


Fig. 4.

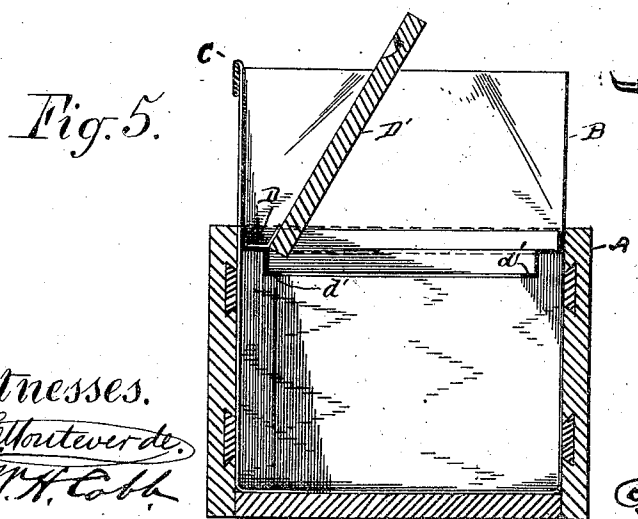


Fig. 5.

Witnesses.
H. Houtwerde.
W. H. Cobb.

Inventor
August Schilling
By *Doomed Tucker*

UNITED STATES PATENT OFFICE.

AUGUST SCHILLING, OF OAKLAND, CALIFORNIA.

BOX-LINING.

SPECIFICATION forming part of Letters Patent No. 461,451, dated October 20, 1891.

Application filed January 20, 1891. Serial No. 378,443. (No model.)

To all whom it may concern:

Be it known that I, AUGUST SCHILLING, a citizen of the United States, residing at Oakland, in the county of Alameda and State of California, have invented certain new and useful Improvements in Tea-Chest Linings; and I do hereby declare the following to be a full, clear, and exact description of said invention, such as will enable others skilled in the art to which it most nearly appertains to make, use, and practice the same.

My invention has relation to certain new and useful improvements in chest lining and covers, as will be hereinafter more fully set forth and described.

My invention relates more particularly to the providing of a tea-chest lining which will permit of the same being opened for the purpose of free access being had to the tea and of the closing thereof thereafter, thereby tightly closing the same, so as to prevent deterioration of the tea by loss of strength due to exposure to the atmosphere.

My invention further consists in providing the chest with a supplemental cover adapted to be inclosed within the lining, so as to more effectually close the chest, and which at the same time, when raised, serves to maintain the lining in its position, so as to allow free access to the contents of the chest.

Hitherto it has been customary to provide chests for the reception of tea or the like with a lining of zinc, lead, &c., in order to make a hermetical seal, which, however, besides being exceedingly expensive, necessitated the destruction thereof in order to gain access to the contents of the chest, which precluded the closing thereof hermetically after partial removal of the tea, except through the medium of the chest-cover proper, which at the utmost could only answer to protect the contents from dirt or the like and in no manner provide against loss of strength resulting to the tea.

In order to better illustrate my invention, reference must be had to the accompanying drawings, wherein similar letters of reference indicate corresponding parts.

Figure 1 is a perspective view showing chest partly broken away in order to show inner lining more fully; Fig. 2, a side view showing inner lining opened; Fig. 3, an end view of

Fig. 2. Fig. 4 is a perspective view of the chest, showing the lining and supplemental cover open; and Fig. 5 is a vertical section through Fig. 4.

The letter A indicates the chest proper, which may be constructed in any desired shape, and B the inner removable lining thereof. Said lining may be constructed of any suitable material, such as ordinary paper, paraffine-paper, or the like, and in depth sufficient, when opened, to extend above the walls of the chest proper. One side of the lining, which is preferably constructed rectangular, is provided with a re-enforcing metallic strip C, the outer ends of which extend beyond the lining in order to form a clamp, as hereinafter set forth.

Within the lining and secured to the chest is the metallic frame D, which is provided with the projecting flange *d'*; and pivoted to said frame is the supplemental cover D', which when closed rests upon the projecting flange *d'* of the frame D.

When it is desired to seal the chest, the cover D' is first closed, and then the lining, by folding over the edge or side opposite to the re-enforced one until contact is made therewith. The two are then folded over several times until the space intermediate between the top thereof and supplemental cover is closed, when the outwardly-extending ends or flaps *d* are turned over, so as to form a clamp by which the whole may be securely fastened together.

By thus providing a lining which permits of opening and closing irrespective of the chest-cover proper I provide for any quantity of tea being extracted from the chest and preventing the remainder deteriorating by loss of strength, which necessarily follows by exposure to the atmosphere.

When the lining is unclamped and opened, the uplifting of the supplemental cover serves to maintain the same opened.

Having thus described my invention, what I claim as new, and desire to secure protection in by Letters Patent of the United States, is—

1. The combination, with a tea-chest, of an inner lining, the upper edges thereof extending above the upper edges of the chest and constructed to fold together, and a supple-

mental cover hinged upon the inner side of the lining and adapted, when closed, to be covered by said lining, substantially as set forth.

- 5 2. A tea-chest or the like having an inner lining, the edges of whose mouth are constructed to fold together, provided with a reinforcing strip, the outer ends of which are flexible and project beyond the sides of the lining, said flexible ends adapted to form a
10 clamp or retainer for the lining when closed, substantially as set forth and described.

3. In a tea-chest or the like, the combination, with the lining thereof, the edges of

whose mouth are constructed to fold together, of the frame secured within the lining and to the chest and of the supplemental cover pivotally secured to said frame, said cover adapted to be closed prior to the closure of the chest-lining, substantially as and for the purpose set forth.

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

AUGUST SCHILLING.

Witnesses:

ROBT. B. BAIN,
C. E. BICKFORD.