

(No Model.)

T. F. KRUEGER.  
BOX.

No. 584,267.

Patented June 8, 1897.

Fig: 1.

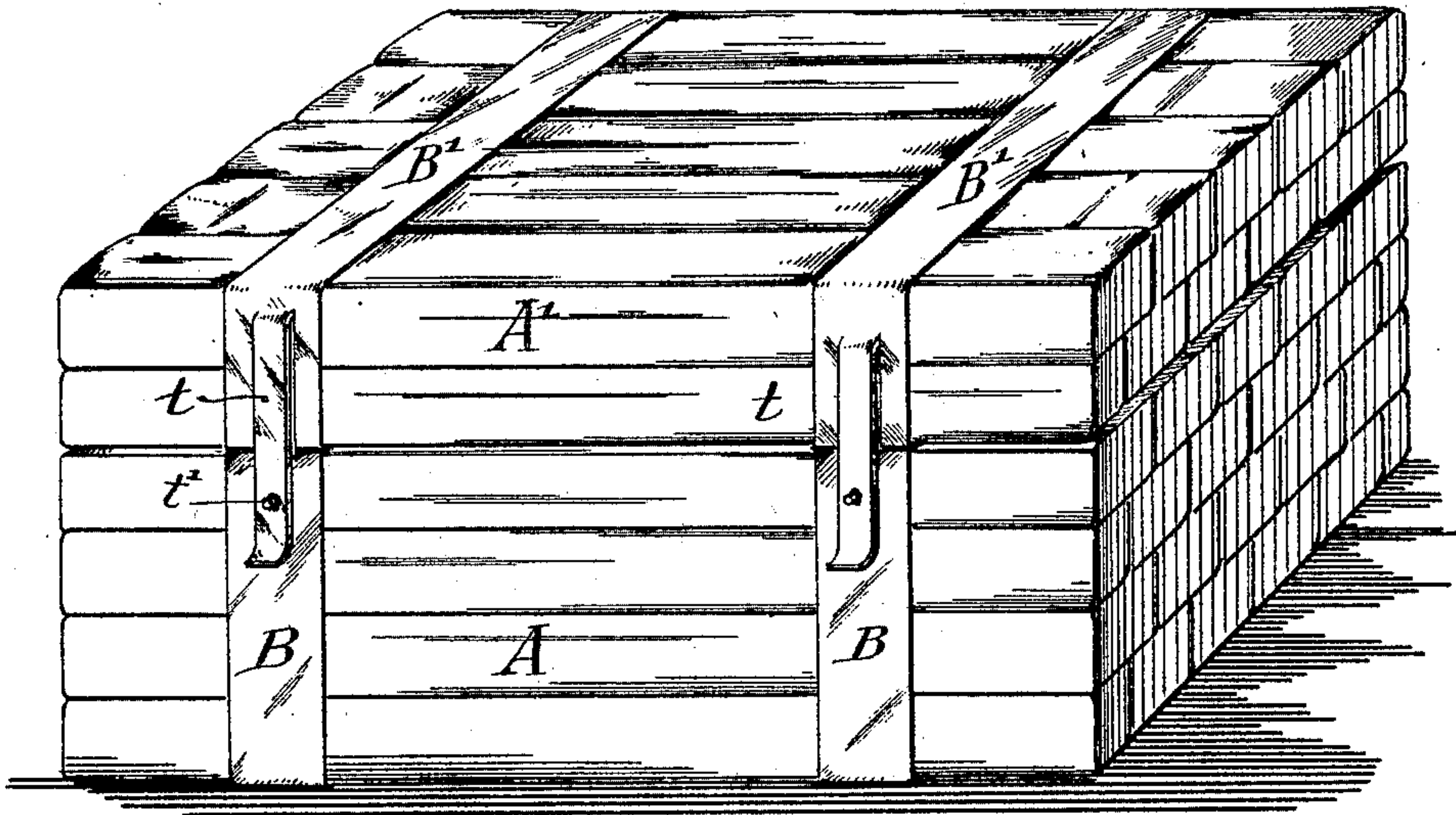


Fig: 2.  
B'

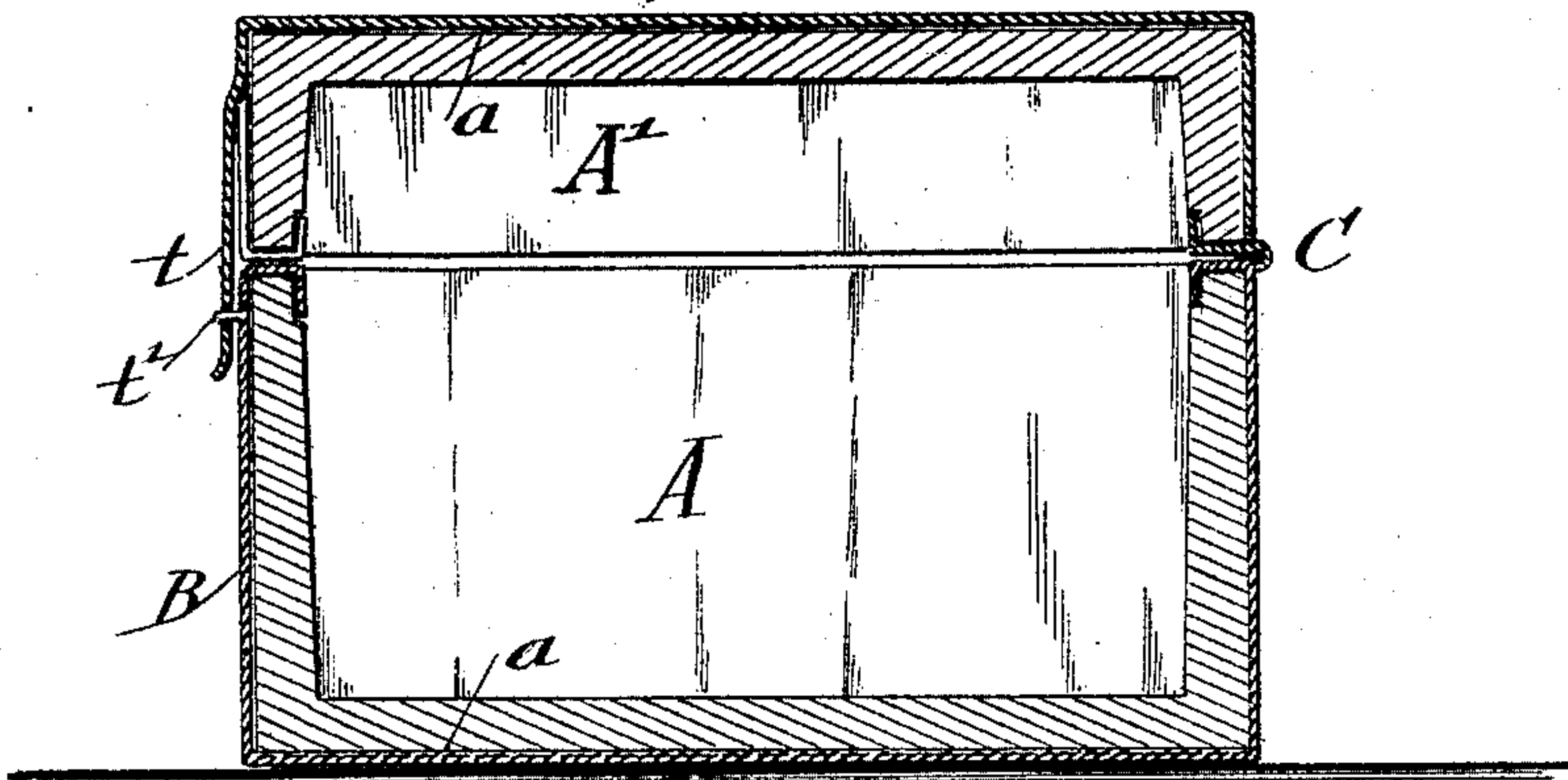
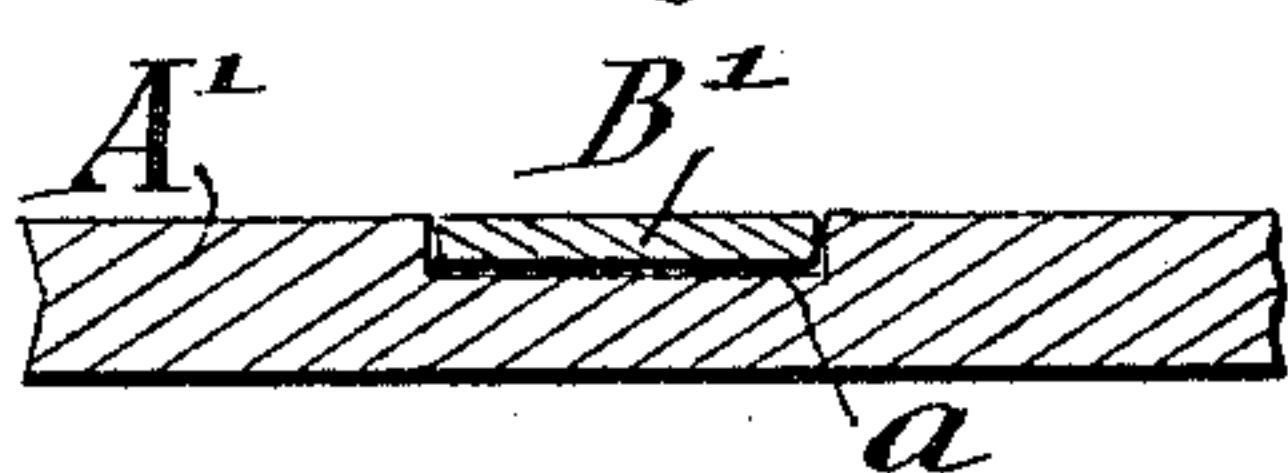


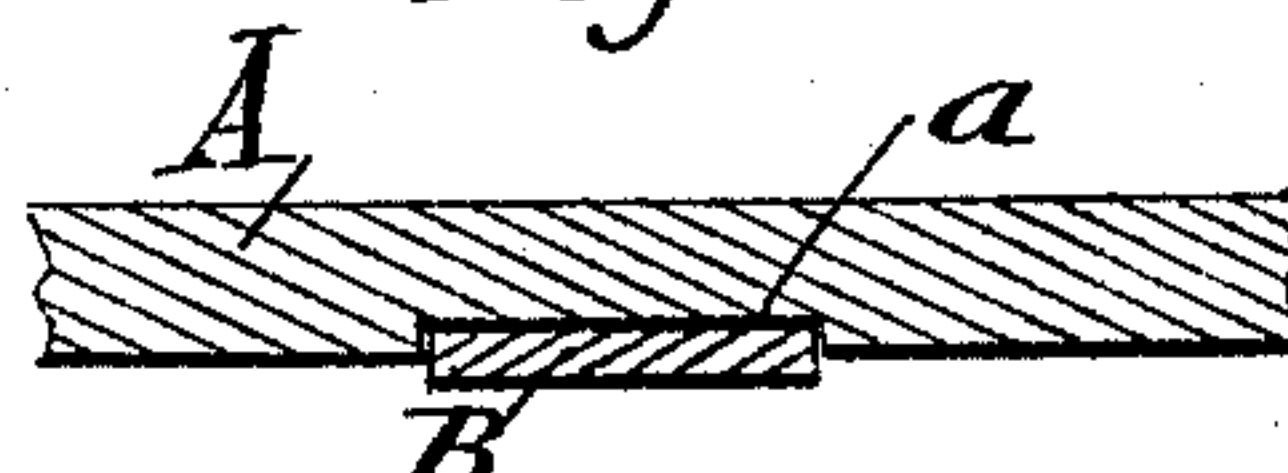
Fig: 3.



WITNESSES:

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Fig: 4.



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# UNITED STATES PATENT OFFICE.

THEODORE F. KRUEGER, OF NEW YORK, N. Y.

## BOX.

SPECIFICATION forming part of Letters Patent No. 584,267, dated June 8, 1897.

Application filed February 29, 1896. Serial No. 581,373. (No model.)

*To all whom it may concern:*

Be it known that I, THEODORE F. KRUEGER, a citizen of the United States, residing at the city of New York, in the State of New York, have invented certain new and useful Improvements in Boxes, of which the following is a specification.

This invention has reference to an improved box for cigars, jewelry, gloves, and other purposes, in which the body and cover are both made of molded glass and are connected by hinges applied to sheet-metal straps which are set into transverse grooves or depressions of the body and cover of the box, said grooves being of less depth at the bottom of the box, so that the latter rests on the straps projecting therefrom, said straps being provided with fastening devices for closing the box, as will be fully described hereinafter and finally pointed out in the claim.

In the accompanying drawings, Figure 1 represents a perspective view of my improved glass box, showing one form of pattern for the same. Fig. 2 is a vertical transverse section of the same on line 2 2, Fig. 1. Figs. 3 and 4 are detail vertical transverse sections of the encircling straps, respectively, on lines 3 3 and 4 4, Fig. 2.

Similar letters of reference indicate corresponding parts.

Referring to the drawings, the body A and cover A' of the box are made of pressed glass of any suitable pattern or configuration, according to the object for which the box is to be used.

The side walls of the body and cover are slightly increased in thickness toward the bottom and top, respectively, the inner surfaces of said walls flaring toward the edges, so as to provide for the withdrawal of the plunger from the mold in which the body and cover are pressed into shape. Both the body A and cover A' of the box are provided with transverse depressions or grooves *a*, in which are arranged flat sheet-metal straps B B', which are bent inwardly over the edges of the body and cover, respectively, and also backwardly over the inner surfaces of the walls of the body and cover, said bent ends of the straps forming angular clips which hold the straps firmly in position on the box and cover, so

that they cannot be readily detached therefrom, no other means of fastening the straps to the box and cover being employed.

The sheet-metal straps B B' serve for the soldering on of the hinges C, forming the connection between the body and cover of the box, said hinges being arranged at the rear of the box, while the fastening devices applied to the front part of said box serve to lock the body and cover together for closing the box.

Any suitable construction of fastening device may be used, as I do not desire to confine myself to the construction shown; but it is necessary that the fastening device be arranged at the front part of the straps. In the drawings tongues *t* are shown that are struck out from the metal body of the transverse straps B' of the cover, which tongues are provided with suitable teats or catches *t'*, that snap into recesses of the straps B of the body, as shown in Figs. 1 and 2.

The sheet-metal straps B are made of such thickness that they are flush with the outer surfaces of the body and cover, with the exception that at the bottom the grooves or depressions are made of less depth than elsewhere, so that the fastening-straps project below the bottom of the box. By this arrangement the entire box rests on the bottom portions of the straps B, so that the contact of the bottom of the box with the support on which the box is placed, and thereby the exterior chipping off of the corners of the box, is prevented, inasmuch as there is no direct contact of the glass body with the support on which the box is placed. As the straps extend over the edges of the cover and body they form contact with each other when closing the box without producing any chipping off of the edges, which are by the straps protected against wear.

For some purposes the exterior surface of the box can be finished in a dull ground or by frosting or in any suitable manner where the glossy exterior surface is removed and the glass rendered non-transparent, so that the contents cannot be disclosed from the outside.

The glass box is to be used for a number of purposes in the arts, according to its shape

and size, and forms a very attractive box for gloves, handkerchiefs, jewelry, confectionery, cigars, and the like.

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

A box or case, comprising a body and cover, provided with transverse grooves or depressions in the outer surfaces of the same, sheet-  
10 metal straps provided with angular clips, each end engaging over the meeting edges of the box and cover and with the inner walls of the box and cover, whereby the straps are

fixed in said grooves or depressions, hinges connecting the rear ends of said straps, and 15 fastening devices at the front ends of the straps for holding the cover in closed position, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in pres- 20 ence of two subscribing witnesses.

THEO. F. KRUEGER.

Witnesses:

PAUL GOEPEL,  
G. W. JAEKEL.