

Sept. 18, 1928.

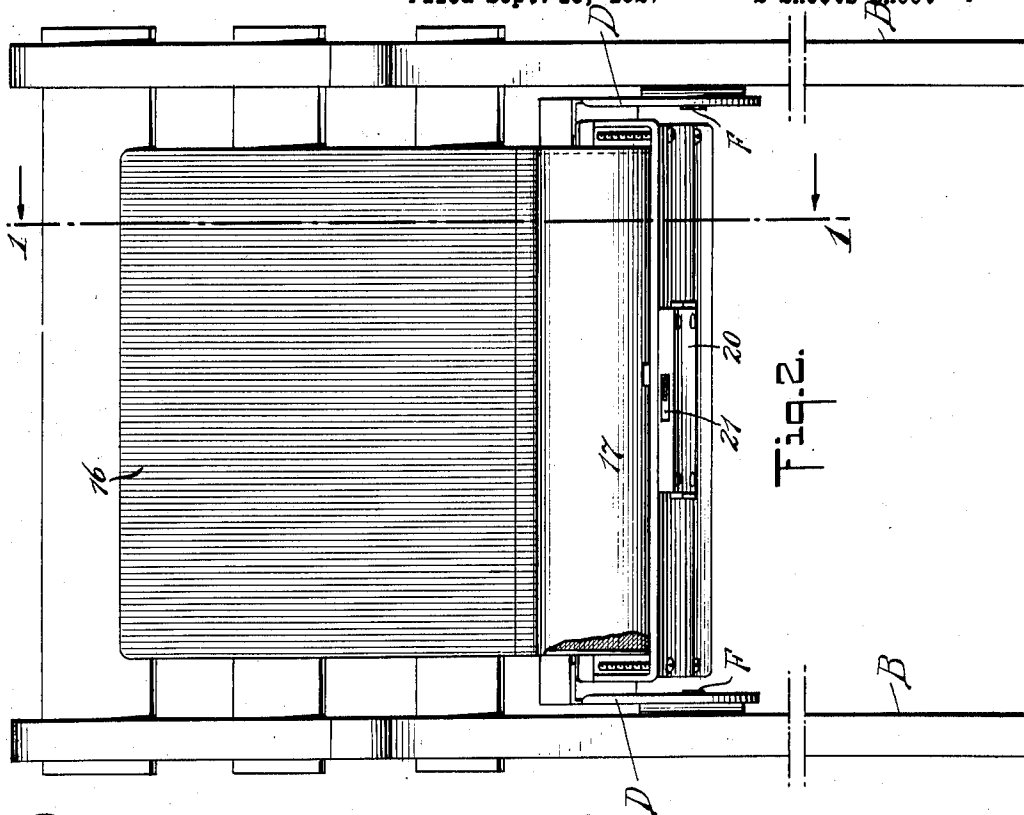
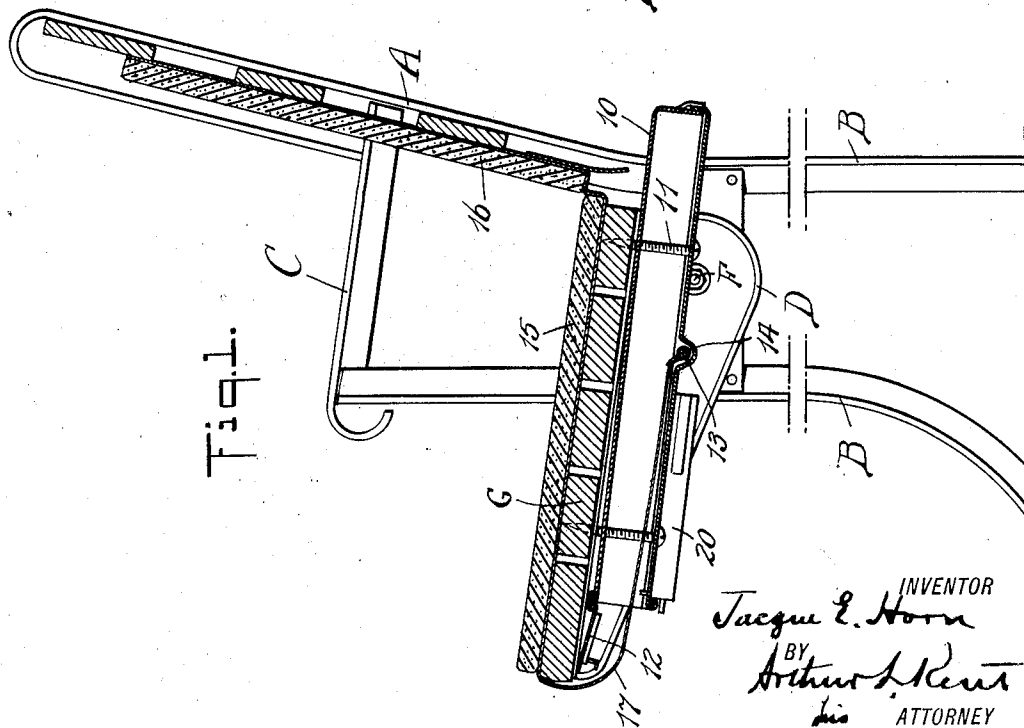
1,684,989

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CHAIR CUSHION

Filed Sept. 15, 1927

2 Sheets-Sheet 1



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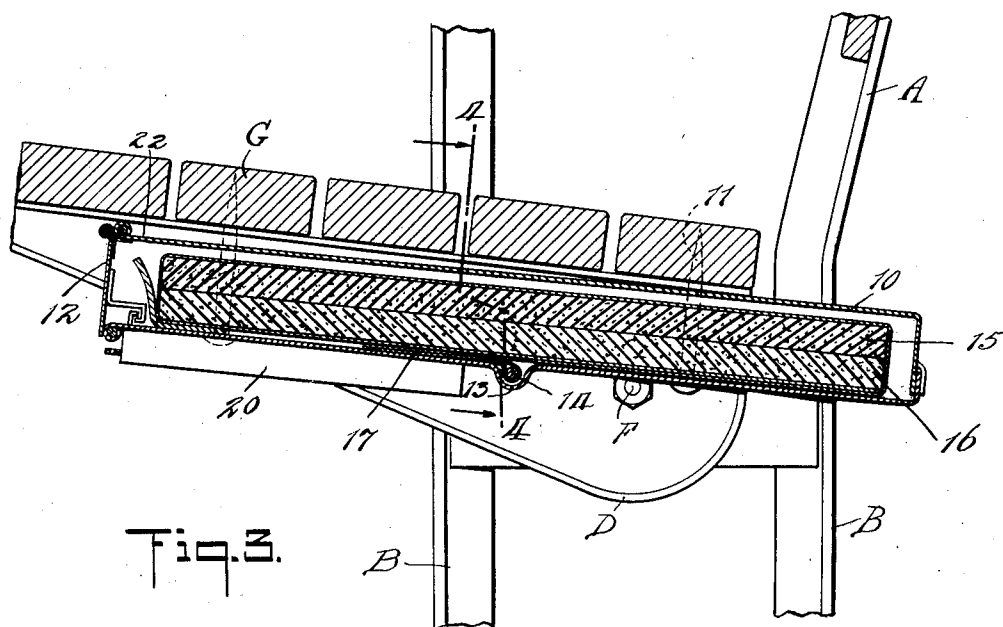


Fig. 3.

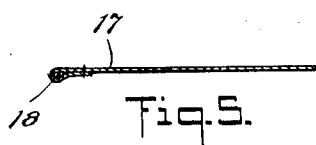


Fig. 5.

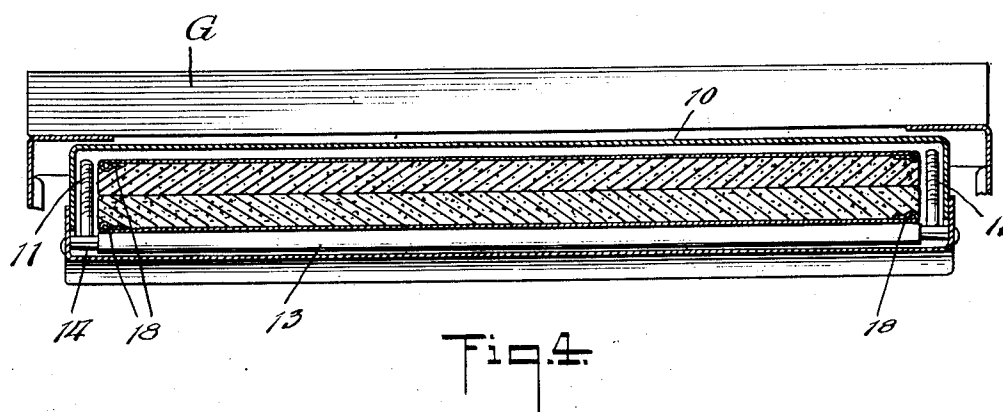


Fig. 4.

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UNITED STATES PATENT OFFICE.

JACQUE E. HORN, OF NEW YORK, N. Y., ASSIGNOR, BY DIRECT AND MESNE ASSIGNMENTS, TO EZE CUSHION CORPORATION, OF NEW YORK, N. Y., A CORPORATION OF DELAWARE.

CHAIR CUSHION.

Application filed September 15, 1927. Serial No. 219,581.

This invention relates to a chair cushion device, and aims to provide an improved cushion device especially adapted for the chairs of grandstands or auditoriums, open
5 busses or other outdoor seats, and more particularly to prevent the theft of such cushions, to protect the cushions from the weather, and to exact payment for the use of the cushions.

An approved device embodying the invention includes cushions for the seat and back
10 of the chair, a box for the cushions, most desirably secured under the seat of the chair, and a flexible band attached to one of the cushions and secured within the box. An
15 important feature of the invention consists in providing the box with a locked cover which may be released by the insertion of a coin.

The greatest advantages of the invention
20 lie in its application to chairs of the type in which the seat of the chair is hinged so that it may be folded up against the back. A specific embodiment of the device so applied is illustrated in the accompanying drawings,
25 in which:

Fig. 1 is a side elevation of the chair and device sectioned on the line 1—1 of Fig. 2, and showing the chair cushions in position to be used;

30 Fig. 2 is a front elevation of the chair and device with the cushions in the same position as in Fig. 1;

Fig. 3 is an enlarged fragmentary sectional view taken on the line 1—1 of Fig. 2, and
35 showing the cushions in their box;

Fig. 4 is a fragmentary section taken on the line 4—4 of Fig. 3; and

Fig. 5 is a detail sectional view of an edge portion of the flexible connecting sheet.

40 The chair shown in the drawings is of known construction, having a fixed frame providing a back A, legs B, arms C, and a hinged frame including the side bars D pivoted to the fixed frame at F, and carrying a
45 seat G.

A thin flat box, or casing, 10 is permanently secured to the bottom of the seat G by screws 11 or otherwise. The box is completely closed except at its front end which is provided
50 with a hinged cover 12. In a transverse recess 13 at the middle of the bottom of the box, an anchor rod 14 is permanently secured by

having its ends fixed in the side walls of the box.

A seat cushion 15 and a back cushion 16
55 are hinged together and permanently fastened to the box 10 by means of a sheet 17 of flexible material which has one of its ends secured around the anchor rod 14 and its
60 other end secured to the front edge of the seat cushion 15. While it is within the contemplation of the invention to make the sheet 17 and the cushions 15 and 16 of any material desired, a feature of the invention consists in making the cushions of slabs of soft rubber,
65 preferably sponge rubber, and making the sheet 17 of rubberized fabric and extending it along the back surfaces of both of the cushions, as clearly illustrated in Fig. 1, to strengthen the cushions and provide the hinge
70 between them. In order to increase the security against theft of the cushions, the flexible sheet 17 is made practically non-severable by having combined therewith or embodied therein one or more flexible metal strands.
75 A good way of providing the sheet with such strands is to secure a light chain or flexible wire 18 in a hem at each of the longitudinal edges of the sheet. One edge of the sheet having a hem inclosing such a flexible metal
80 strand is shown in section in Fig. 5.

An important feature of the invention consists in providing for the cover 12 a lock 20 which may be released only by the insertion
85 of a coin through a slot 21 in its front end.

The use of the device described is as follows: When a chair is not occupied, the cushions 15 and 16 are folded together and placed in the box 10, as shown in Fig. 3, and, under these circumstances, when the device is applied to a chair having a folding seat, the seat
90 of the chair is customarily folded up against its back so that the front end of the box is readily accessible. A person desiring to use the cushions drops a coin in the slot 21, releasing the lock 20, so that the cover 12 may be
95 opened. He then grasps a tab 18 secured at the back lower corner of the back cushion and pulls the two cushions from the box. He then tips down the seat of the chair and
100 places the cushions on the seat and back of the chair, as shown in Fig. 1. After the occupant of the chair has left, an attendant folds the back cushion 16 upon the seat cushion

ion 15, and then, most conveniently after raising the seat of the chair, inserts the cushions in the box 10 with the back cushion below the seat cushion. The top edge of the back cushion and the front edge of the seat cushion are inserted first, the flexible sheet 17 being drawn into the back part of the box as the cushions are pushed into the box. The attendant then closes and locks the cover 12, so that another coin must be inserted before the cushions are used again.

It should be noted that, while the cushions are readily available to anyone who wishes to pay for their use, they in no way interfere with use of the seat in the ordinary manner by one who does not. The locking of the cushions within the box prevents theft of the cushions; and the box serves to protect the cushions from the weather when the device is applied, for example, to the seats of an outdoor grandstand or open bus so that they provide a dry seat in case the chair has become wet.

What I claim is:

1. The combination with a chair, of a box secured flatwise to the under side of the seat of the chair and having an opening at its front end, a pair of cushions hinged together, and a flexible band secured within the box and attached to one of the cushions and of sufficient length to permit the placing of the cushions on the back and seat of the chair with the band extending about the front edge of the chair seat and the insertion of the cushions in folded condition in the box.

2. The combination with a chair having its seat hinged to turn upward against the back, of a box secured flatwise to the under side of the chair seat having an opening at its front end provided with a cover, a pair of cushions hinged together, and a non-severable flexible band extending from the front end of the seat cushion and secured within the box and of sufficient length to permit the placing of the cushions on the seat and back of the chair

with the band extending about the front edge of the chair seat and the insertion of the cushions in folded condition in the box.

3. The combination with a chair having its seat hinged to turn upward against the back, of a seat cushion, and a box for the cushion permanently secured flatwise to the under side of the seat and provided with a coin-releasable cover at its front end, the cushion being secured to the chair by a flexible band secured within the box and of sufficient length to permit the placing of the cushion on the chair seat with the band extending about the front edge of the chair seat and the insertion of the cushion in the box.

4. The combination with a chair, of a flat box secured flatwise to the under side of the seat of the chair, having an opening at its front end, and having a transverse groove in the inner surface of its bottom wall, an anchor rod secured in said groove, a chair cushion, and a flexible sheet having one of its ends secured to the anchor rod and its other end secured to said cushion and of sufficient length to permit the placing of said cushion on the seat of the chair with the flexible sheet extending about the front edge of the chair seat and the insertion thereof in the box.

5. The combination with a chair, of flat rubber seat and back cushions, a box for said cushions permanently secured to the under side of the seat of the chair, and a non-severable sheet of fabric extending along the back surface of both cushions to provide a hinge between them and extending from the seat cushion and secured within and near the middle of the box and adapted to extend about the front edge of the chair seat when the cushions are placed on the seat and back of the chair.

In testimony whereof I have hereunto set my hand.

JACQUE E. HORN.