

July 7, 1925.

1,544,874

C. P. TRIMBLE

CUSHION SEAT AND THE LIKE

Filed Nov. 24, 1923

2 Sheets-Sheet 1

FIG. 1.

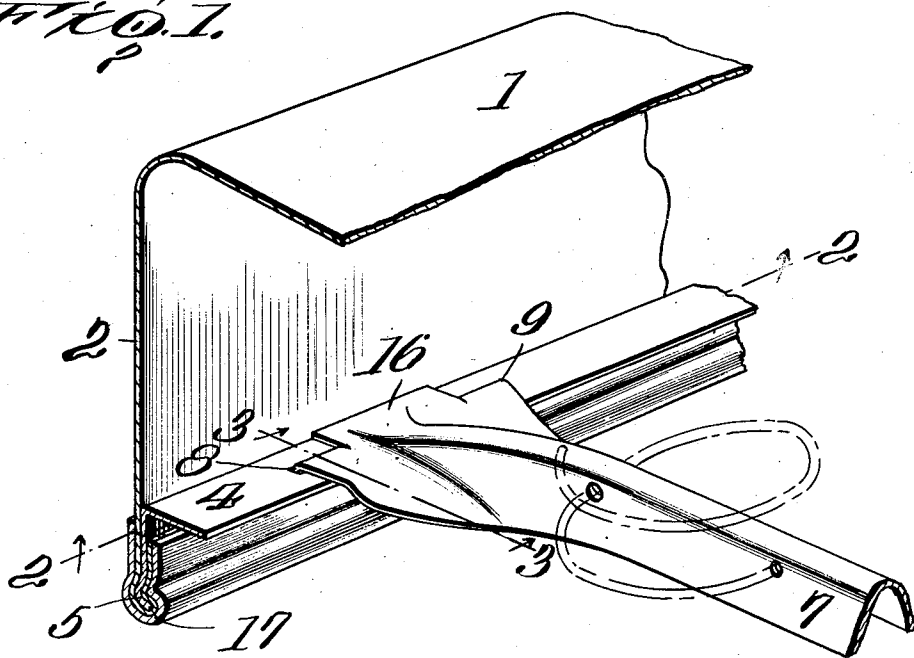


FIG. 2.

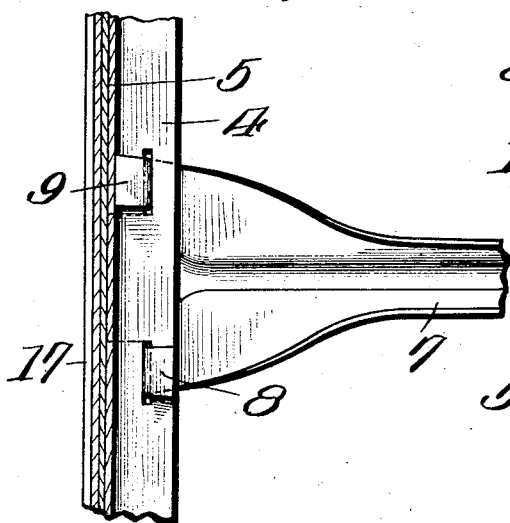
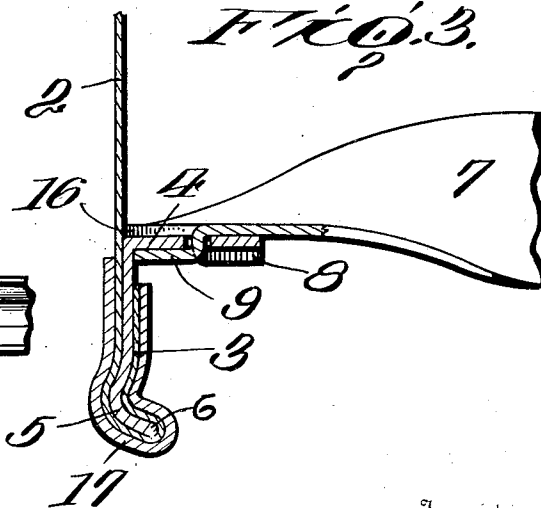


FIG. 3.



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2 Sheets-Sheet 2

FIG. 4.

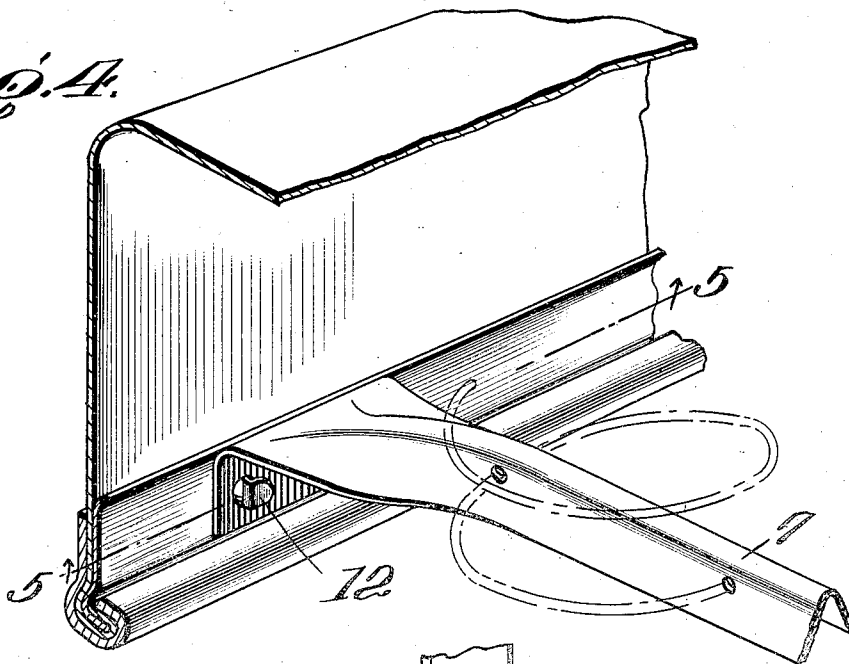


FIG. 5.

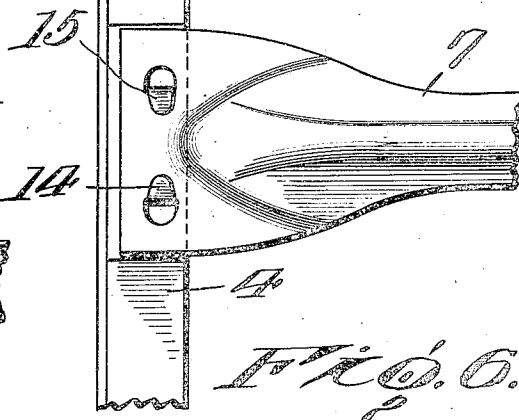
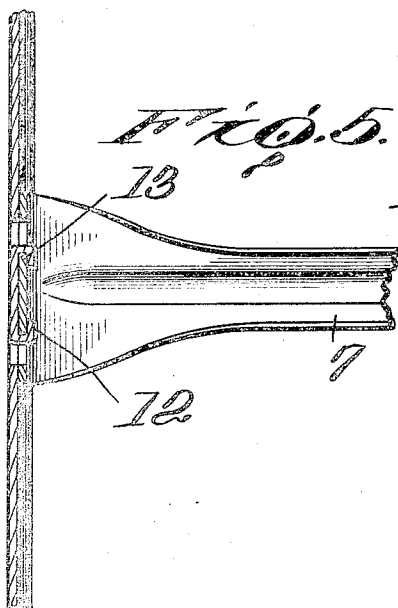


FIG. 6.

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UNITED STATES PATENT OFFICE.

CHARLES P. TRIMBLE, OF PITTSBURGH, PENNSYLVANIA, ASSIGNOR TO FORT PITT BEDDING COMPANY, OF PITTSBURGH, PENNSYLVANIA, A CORPORATION OF PENNSYLVANIA.

CUSHION SEAT AND THE LIKE.

Application filed November 24, 1923. Serial No. 676,719.

To all whom it may concern:

Be it known that I, CHARLES P. TRIMBLE, a citizen of the United States, residing at Pittsburgh, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Cushion Seats and the like, of which the following is a specification.

This invention relates to cushion seats and the like; and it comprises a sheet metal lower frame, spring supporting slats secured to opposite sides thereof, a covering having a skirt secured at its lower edge to said lower frame and special means for securing opposite ends of the slats to the frame, the said means in general comprising complementary holes and tongues on the slats or the frame, the tongues being inserted through the holes and bent over to hold the parts firmly together; all as more fully hereinafter set forth and as claimed.

The main object of the invention is to provide a relatively inexpensive, easily assembled, light yet strong and rigid cushion for automobiles, aeroplanes, and the like.

In the accompanying drawings, I have shown several forms of a specific embodiment of the invention.

Fig. 1 is a segmental view taken from the under side of the cushion;

Fig. 2 is a section along line 2—2 of Fig. 1, looking upwardly;

Fig. 3 is a section along line 3—3 of Fig. 1;

Fig. 4 is a view similar to Fig. 1, showing a modification;

Fig. 5 is a section along line 5—5 of Fig. 4; and

Fig. 6 is a segmental top plan view of a modification.

Referring to the drawings, 1 indicates the cover of the cushion having the skirting 2. The lower border frame in Figs. 1, 2 and 3 comprises the angle iron or pressed metal member 3 provided with the horizontal face 4, the bead 5 and the inwardly projecting ends 6. In Fig. 1, the face 4 of the angle iron is provided with a pair of slots and the extreme end of the transverse spring supporting bar 7 is provided with tongues 8 and 9 which are inserted in the slots, one of them being bent forwardly under the face 4 and the other one rearwardly, as shown in Fig. 2. The tongues may be formed as shown in Fig. 1, by cutting the metal so that the ex-

treme edges may be bent back, thus leaving a forward extending face 16, which may rest on the top of face 4 of the angle iron.

In Fig. 4, instead of providing the angle iron with a horizontal top face, the side wall is provided with a plurality of inwardly extending tongues 12 and 13 and the extreme end of the spring supporting slat 7 is bent downwardly at right angles and is provided with holes corresponding to the tongues 12 and 13. The transverse slats 7 are secured in the manner indicated in Figs. 4 and 5. The tongues 12 and 13, being inserted through the holes at the end of the slats, are bent inwardly.

In Fig. 6, the top face of the angle iron is provided with the tongues 14 and 15 and the slats 7 at their extreme ends, instead of being bent over, are straight and are provided with holes corresponding to tongues 14 and 15. The tongues 14 and 15 are inserted through the holes of this slat and are bent over to hold the slat in position.

It is to be noted that in all of these forms the slats and the angle irons are provided either with holes or tongues, so the two parts may be readily assembled and firmly secured together.

The lower end of the skirting 2 is clamped around the lower end of the angle iron 3 by means of the clamp 17, which firmly holds the lower edge of the skirting around the beading 5 on the angle iron 3.

In Fig. 6 the top 4 of the angle iron is recessed to correspond to the extreme end of the slats 7 and the ends of the slats 7 seat in these depressions or recesses.

What I claim is:—

1. In a cushion seat, a lower border frame comprising an angle iron having a substantially vertical side and a substantially horizontal face, the said vertical side being formed with a continuous convex bead, fabric forming the cushion seat covering said bead and encircling the lower edge of said border frame, and a clamp conforming substantially to the shape of the vertical side and bead and pressing said fabric around said bead and the lower edge of said border frame, said horizontal face being provided with slots, a spring supporting slat having at its end cut away portions providing tongues adapted to register with said slots, said tongues being inserted through said slots and pressed on the under side of the

face of said angle iron substantially parallel therewith.

2. In a cushion seat, a lower border frame comprising an angle iron having a substantially vertical side and a substantially horizontal face, said horizontal face provided with slots, a spring supporting slat having at its ends, cut away portions providing two tongues adapted to register with said slots, one of said tongues being inserted in a slot and pressed forwardly under the said face and substantially parallel therewith and the other of said tongues being inserted in another slot and pressed back-

wardly under said face substantially parallel therewith, the said vertical side being formed adjacent its lower edge with a continuous convex bead, fabric forming the cushion seat covering said bead and encircling the lower edge of said border frame, and a clamp adapted to grip the lower edge of said border frame, and press the fabric against said bead, such clamp conforming substantially to the shape of said vertical side and bead.

In testimony whereof, I have hereunto affixed my signature.

CHARLES P. TRIMBLE.