

No. 894,020.

PATENTED JULY 21, 1908.

E. A. LEVICK.
CHAIR SEAT.

APPLICATION FILED MAR. 8, 1908.

Fig. 1.

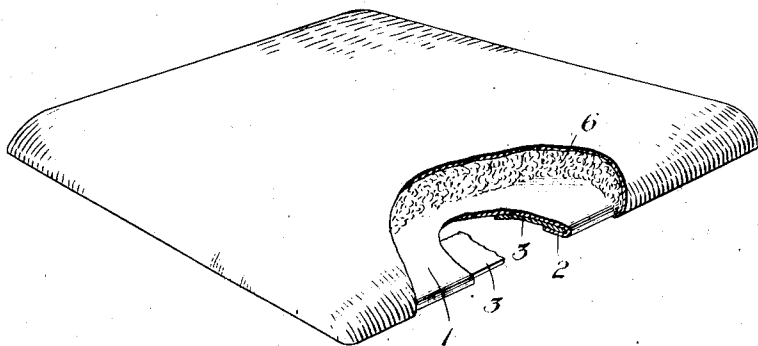


Fig. 2.

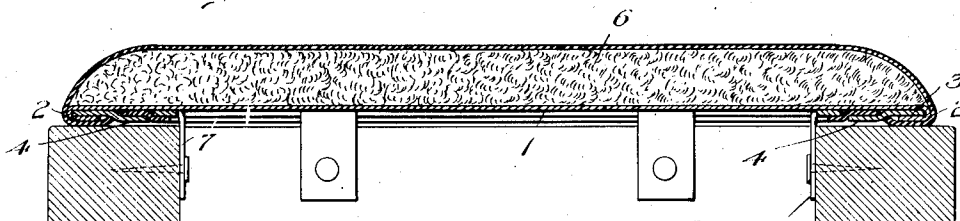


Fig. 3.

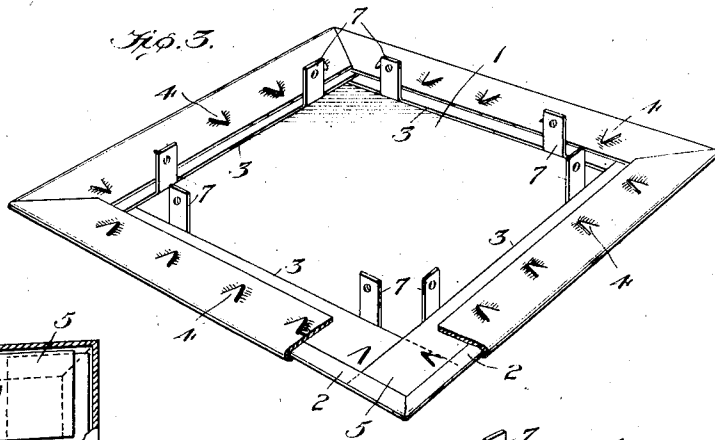


Fig. 4.

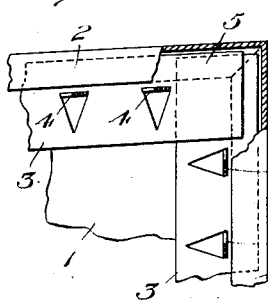
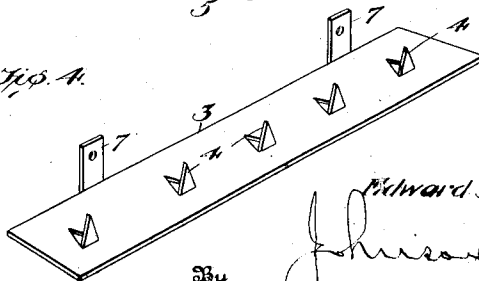


Fig. 5.



Witnesses

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EDWARD A. LEVICK, OF HALIFAX, PENNSYLVANIA.

CHAIR-SEAT.

No. 894,020.

Specification of Letters Patent.

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Application filed March 6, 1906. Serial No. 419,546.

To all whom it may concern:

Be it known that I, EDWARD A. LEVICK, a citizen of the United States, residing at Halifax, in the county of Dauphin and State of Pennsylvania, have invented certain new and useful Improvements in Chair - Seats; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

I have produced an improved upholstered chair-seat or back of novel construction and as an article of manufacture adapted to be fastened to the chair-frame, and in the claims appended hereto I will set out the precise construction wherein my improvement resides, in connection with the accompanying drawing, in which,—

Figure 1 shows in perspective an upholstered chair-seat, the cover and the base-plate being partly broken away at the front edge to show the intumed or folded edge of the base-plate as the means of fastening to the underside thereof a bracing border frame provided with integral spurs or prongs as the means of attaching the cover to said border frame and producing thereby a braced seat ready for being fastened to the chair frame.

Fig. 2 is a vertical section of the same showing the manner of securing the cover to the border frame and the seat to the underside of the chair-frame. Fig. 3 shows in perspective the underside of the base-plate and the separate border plates having the integral cover attaching spurs and secured to the base-plate by intumed or folded edge thereof the fastened edges of the cover being partly broken away. Fig. 4 shows in perspective one of the border bracing strips and its integral cover attaching spurs and fastening tongues. Fig. 5 shows the underside of the seat corner and the lapping ends of the strips, the base lap being broken.

The support or base 1, of the seat is of sheet metal conforming to the shape of the seat and having an underlap 2, around its edges of about a quarter of an inch wide. A metal strip 3, about an inch wide and formed with a plurality of integral spurs or prongs 4, standing downward along the edge of the underlap, is set upon the base beneath its edge underlap and the latter being hammered down upon the strip secures it to the lap and to the base so that the ends of two of these spurred strips being lapped at the ends as at

5, upon the other strip and clamped together upon the base, form a border frame for the base and brace and strengthen it so that it cannot sink in the middle under the weight of the occupant of the chair. This border frame serves also by its spurs as the attaching means for the cover which, being lapped under the base-lap, has a row of slits by which it is engaged with the spurs and the latter being then hammered down inward on the cover clamp it to the border frame.

Before the cover is secured a filling of yielding material 6 is properly placed and packed between the covering and the base. The seat may be fastened at its underside to the chair-frame and for this purpose two or more of the strips may have one or more integral tongues 7, standing downward in position to be nailed to the inner edge of the chair seat supporting frame. With these fastening tongues the border frame will then serve as the means of fastening the cover to the base and also the means of fastening the seat to the chair. The provision of the under edge lap of the base, while forming a bracing rib, serves the more important purpose as a fastener for the border frame and these two bracing elements give the advantage of using cheap and thin sheet tin for the seat-base. By making the border-frame of separate strips they can be set separately under the base underlap and all the strips then clamped together by the overlapped base edges.

The provision for fastening the seat to the frame beneath the seat, renders it convenient for removing the seat and opening the cover to renew the filling. It will be noted that each strip of the border frame, is clamped along its edge to the base by the parallel underlapping part 2 of the base. Each end 5, of each side strip is lapped upon the corresponding ends of the connecting strips and under the edge lapping part 2 of the base, so that one edge and each end of each strip is clamped firmly upon the base by its underlap, so that the border frame practically forms a supplemental bottom for the seat.

When the separate spurred strips are secured by the clamping function of the base underlap to the underside of the base, they form, by the lapping of the ends of said strips, a connected border frame; and in assembling the strips to form said frame, it is only necessary to place them within the base-lap and hammer it down thus making the base the means of securing the border-frame,

and the latter the means of securing the cover.

I claim:

1. A chair-seat, comprising a base of sheet
5 metal formed with an underlap around its
edges, a border-frame formed of strips, each
with integral spurs or prongs, and adapted
to be set under said underlap and clamped
thereto and to the base, said strips forming a
10 border strengthening and bracing frame for
the base, and a cover fastened to the spurs of
the separate border-frame.

2. A chair-seat comprising a base of sheet
metal formed with an underlap around its
15 edges, a border frame formed of separate
strips each with integral spurs and adapted
to be set under said underlap and clamped
thereto and to the base, said strips having in-
tegral tongues on their inner edges standing
20 downward and adapted to be fastened to the
chair frame beneath the seat, and a cover
fastened to the spurs of the said separate
border-frame.

3. A chair bottom consisting of a base of
25 sheet metal formed with an underlap around
its edges, a frame, forming a border for the
base and secured thereto by said underlap,
and having integral spurs along the edges of
said underlap, means depending from said
30 border frame and adapted to be fastened to
the chair-frame beneath the bottom of the
seat, and a cover fastened to the spurs of the
separate border-frame.

4. A chair bottom comprising a base of

sheet metal formed with an underlap around 35
its edges, a border-frame composed of sep-
arate strips of sheet metal each having inte-
gral spurs and each fastened to the base by
said underlap, and a cover fastened to the
spurs of the said separate strips.

5. A chair bottom consisting of a sheet 40
metal base formed with an underlap around
its edges a border-frame of strips of sheet
metal, each strip formed with integral spurs,
one end of each strip adapted to be set under 45
said underlap, and the ends of one parallel
pair of strips lapping upon the ends of the
other pair, and the strips so arranged that
they will be separately and together clamped
upon the base by said underlap.

6. In a chair-seat, the combination of a 50
metallic base having underlapped edges,
with a separate border-frame having inte-
gral cover attaching spurs and clamped to
the base around its edge portion by means
55 of said underlaps, the said border-frame hav-
ing also integral chair attaching tongues
whereby the border frame provides the
means of fastening the cover to the base and
the base at its under side to the chair-frame. 60

In testimony whereof I have signed my
name to this specification in the presence of
two subscribing witnesses.

EDWARD A. LEVICK.

Witnesses:

G. W. SHULTZ,
E. M. SHULTZ.