VAN TAYLOR DEAVER.

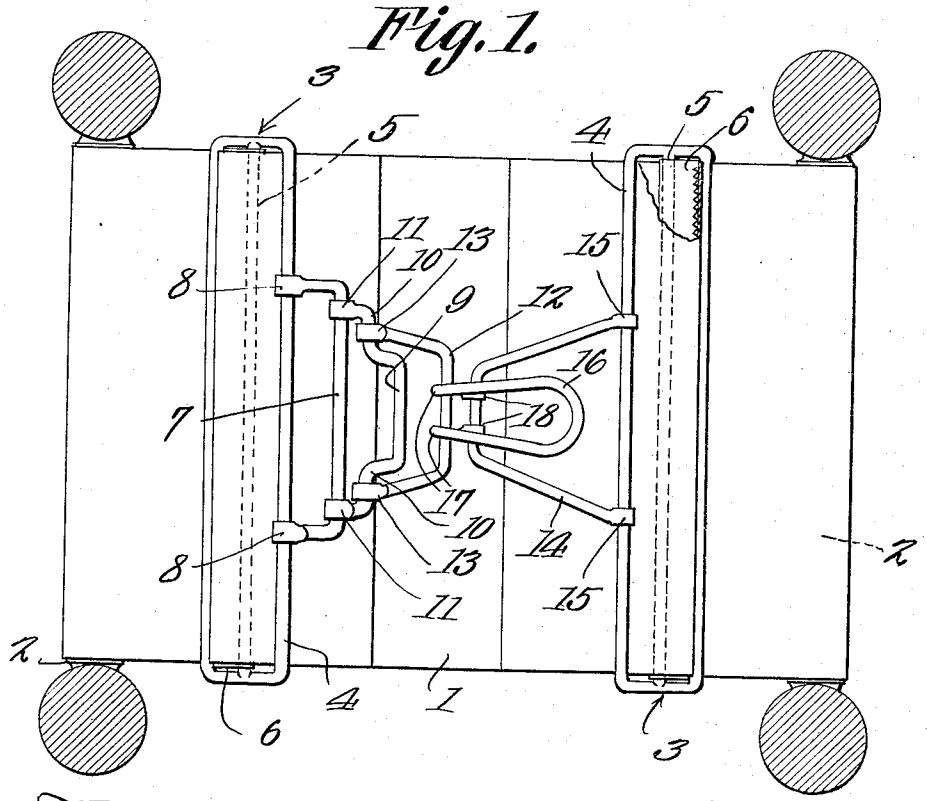
CHAIR SEAT.

APPLICATION FILED AUG. 17, 1914.

1,172,441.

Patented Feb. 22, 1916.

Fig. 1.



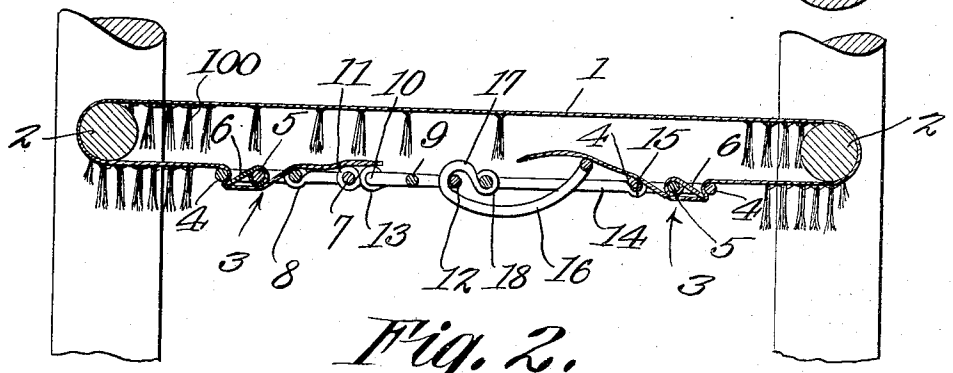


Fig. 2.

Witnesses

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UNITED STATES PATENT OFFICE.

VAN TAYLOR DEAVER, OF CANTON, NORTH CAROLINA.

CHAIR-SEAT.

1,172,441. Specification of Letters Patent. Patented Feb. 22, 1916.

Application filed August 17, 1914. Serial No. 857,205.

To all whom it may concern:

Be it known that I, VAN TAYLOR DEAVER, a citizen of the United States, residing at Canton, in the county of Haywood and State of North Carolina, have invented a new and useful Chair-Seat, of which the following is a specification.

The present invention appertains to chair seats.

The present invention contemplates the provision of a chair seat of unique construction, whereby it may be readily applied to various chair frames, the device being adjustable for this purpose, and being comparatively simple and inexpensive in construction, as well as convenient, practical, serviceable and efficient in its use.

As a most specific object, the present invention aims to provide a flexible or fabric apron adapted to be passed over the side members of the seat portion of a chair frame, and including novel means for connecting the ends of the apron or strip to hold the same taut.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed can be made within the scope of what is claimed without departing from the spirit of the invention.

The invention has been illustrated in its preferred embodiment in the accompanying drawing, wherein:—

Figure 1 is a bottom view of the chair seat as applied, a portion being broken away. Fig. 2 is a front view of the device as applied, the chair frame being shown in section and largely broken away.

In carrying out the present invention, there is provided an apron 1 of suitable textile or flexible material, and of suitable width and length to be applicable to various chair frames, the apron 1 being adapted to be disposed over the side members 2 of the seat portion of the chair frame, whereby the ends of the apron will lie below the intermediate seat portion thereof.

Transversely elongated buckles 3 are engaged to the end portions of the apron 1 so as to lie below the intermediate or seat portion thereof, and each buckle embodies a transversely elongated frame or loop 4 having an intermediate bar 5 connecting its ends and disposed between and parallel with the side bars thereof. Elongated tongues 6 have sleeve portions loosely embracing the median bars 5, and have their free edges serrated to engage the apron 1. As seen in Fig. 2, the end portions of the apron 1 pass over the side bars of the frames 4 and under the intermediate bars 5, whereby the tongues 6 will engage the material, as illustrated in Fig. 2, to hold the buckles against movement toward each other, and to enable the buckles to be adjusted when the tongues 6 are loosened and the apron 1 slacked.

As a means for coupling or connecting the end portions of the apron together, through the medium of the buckles 3, the frames 4 of the buckles are provided with devices which are adapted to interlock or interengage to this end. Thus, a transversely elongated or relatively wide U-shaped member 7 has terminal eyes 8 loosely embracing the inner side bar of one buckle frame 4, and a second transversely elongated and approximately U-shaped member 9, having its arms provided with offset portions 10, has terminal eyes 11 loosely embracing the intermediate or yoke portion of the member 7 adjacent the arms thereof. A third U-shaped member 12 is provided with terminal eyes 13 loosely embracing the offset portions 10 of the member 9, whereby the series of members 7, 9 and 12 are loosely connected to swing relative to one another and to the corresponding buckle 3. The members 7, 9 and 12 are disposed intermediate the edges of the apron 1, and the ends of the corresponding buckle, and project toward the other buckle. The member 9 is narrower than the member 7, and the member 12 is still narrower than the member 9, so that it may be said that the series of U-shaped members decrease in width beginning with the member 7.

A U-shaped member 14 is provided with terminal eyes 15 embracing the inner side bar of that buckle frame 4 remote from the members 7, 9 and 12 and a curved latch loop 16 has the terminal hooks 17 provided with eyes or loops 18 loosely embracing the intermediate portion of the member 14. The curved loop 16 is eccentric relative to the pivot eyes 18, so as to extend along an approximately spiral or involute curve from

the hooks 17. The parts 7, 9, 12, 14 and 16 are preferably bent from suitable wire or rods, and the loop 16 and its hooks 17 form a latch which is engageable with the members 7, 9 and 12, to couple the buckles together and to thereby connect the end portions of the apron to hold the apron taut when it is applied to various chair frames. Thus, when the apron is applied to a chair frame over and around the side members 2, as above intimated, the loop 16 may be swung into engagement with the member 7, 9 or 12, whereby the loop 16 in being swung to the position illustrated in Fig. 2, will cause the hooks 17 to engage the corresponding member 7, 9 or 12, to hold the apron taut. It will be noted that the loop 16 being curved as indicated, will have a cam action to draw the ends of the apron toward one another, as the loop 16 is swung to locking position as illustrated in Fig. 2. The hooks 17 engaging the member 7, 9 or 12, will hold the buckles 3 in coupled condition to hold the seat structure firm. The loop 16 and hooks 17 being engageable with the several longitudinally spaced members 7, 9 and 12, will permit of a quick adjustment to apply the device to various chairs, although it will be apparent that the buckles 3 may be adjusted upon the end portions of the apron, when other adjustment is desired. The apron 1 may be of any suitable material, and may be ornamented as desired.

The other advantages and capabilities of the present invention will be obvious from the foregoing taken in connection with the drawing, without further comment being deemed necessary.

The apron 1 may be provided along its front and rear edges with fringes indicated at 100, the fringes 100 for the most part being omitted in the drawings in order that more important parts of the device may not be obscured thereby.

Having thus described the invention, what is claimed as new is:—

In a device of the character described, an apron, a pair of transversely elongated buckles adjustably mounted upon the end portions thereof, a U-shaped member having its ends pivotally embracing a portion of one buckle, a latch embodying a curved loop having terminal hooks pivotally connected to the intermediate portion of said U-shaped member, and a series of U-shaped members one of which is relatively wide and has its ends pivotally embracing a portion of the other buckle, the other members of said series having their ends pivotally embracing the companion members, and the members of said series decreasing in width beginning with the said relatively wide member, the latch being engageable with the intermediate portions of the members of said series.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

VAN TAYLOR DEAVER.

Witnesses:
R. A. SENTELL,
W. I. MEASE.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."