

Nov. 25, 1930.

W. L. FRY

1,782,815

SEAT COVER

Filed Nov. 12, 1928

2 Sheets-Sheet 1

Fig. 1.

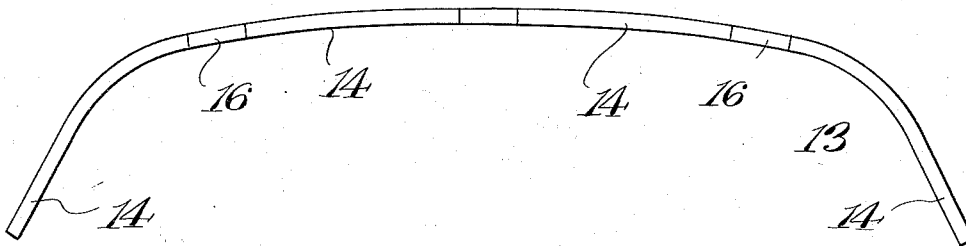


Fig. 2.

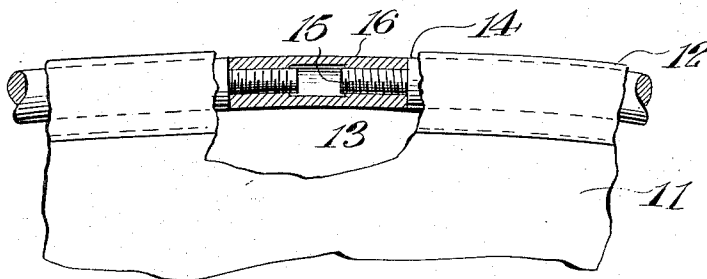


Fig. 3.

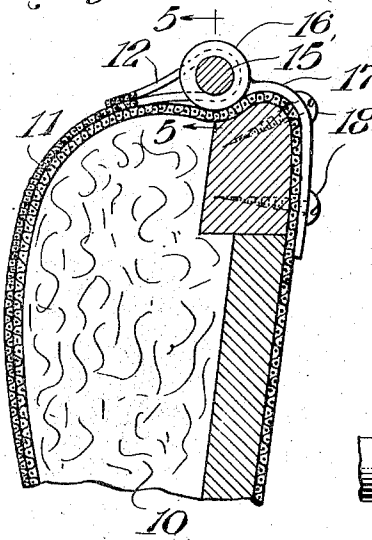


Fig. 4.

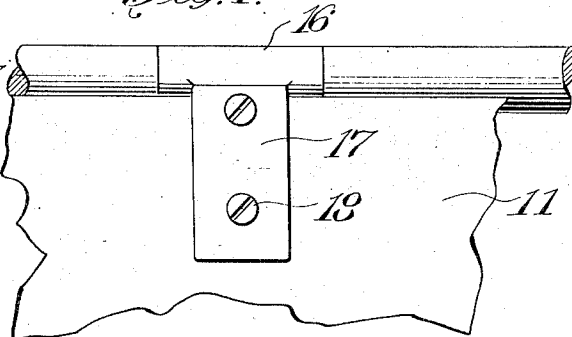
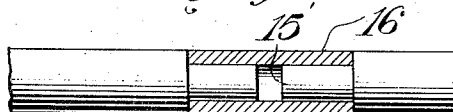


Fig. 5.



Inventor,

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Fig. 6.

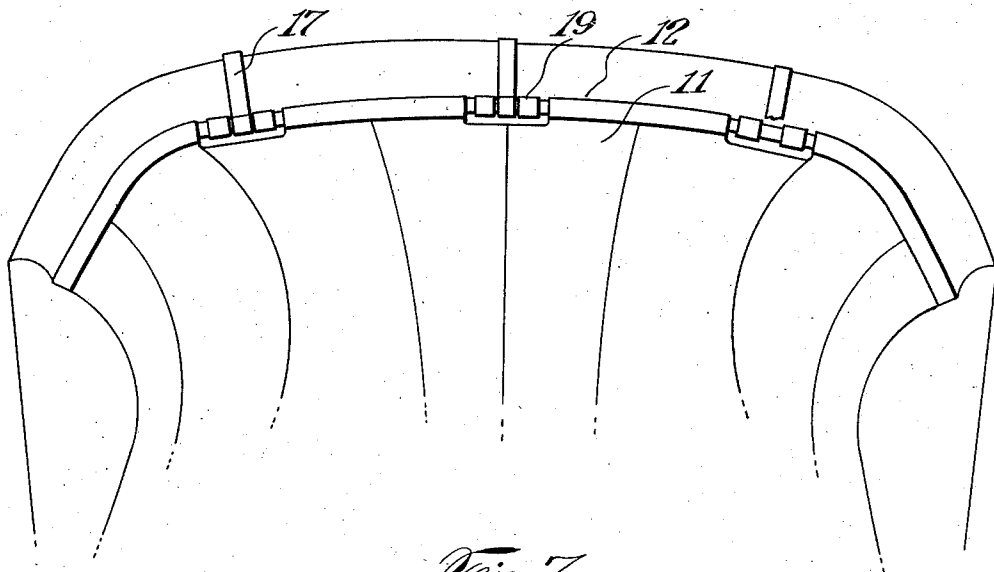


Fig. 7.

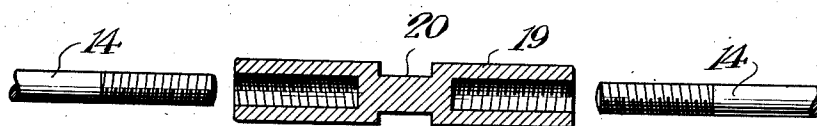
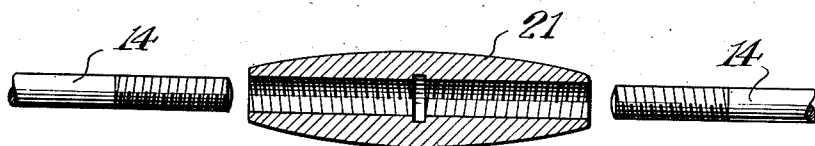


Fig. 8.



Walter L. Fry, Inventor,
By his Attorneys
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UNITED STATES PATENT OFFICE

WALTER L. FRY, OF SCARSDALE, NEW YORK, ASSIGNOR, BY MESNE ASSIGNMENTS, TO
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SEAT COVER

Application filed November 12, 1928. Serial No. 318,649.

My invention relates to removable seat covers for motor car seats, although it can be applied to other seats, and it relates particularly to a cover for the back rest of the seat and to the means of attaching the cover to its support.

The theory of this invention is that the seat cover, in order to lie smoothly without wrinkling and without undue strain in any particular place, must be supported at its upper end by a distributing rod which engages or is associated with the upper part of the cover for the full width of the latter. In practice, even though great care is had in manufacture, there are slight variations in seats which are supposed to be alike, and there may be a slight variation in the width of the covers for such seats.

This invention is intended to meet these conditions and provide means for securing the cover so that it will hang or lie properly without reference to such variations, and to this end the distributing rod which supports the cover is, to a necessary extent, longitudinally adjustable in order that the support may be continuous. The rod is preferably made in transversely separable sections united by couplings of approximately the same diameter as the sections, and so the length of the distributing rod can be conveniently adjusted to meet the aforesaid variable conditions. The rod should be made to conform to the shape of its support so as to lie smoothly and carry the cover nicely, and I have also shown a novel and preferred means of carrying the rod but without the idea of limiting the invention to this particular means.

Other advantages and benefits will appear from the following description and drawings in which similar reference characters refer to similar parts throughout the several views.

Fig. 1 is a plan view of the distributing rod forming a part of this invention;

Fig. 2 is a broken plan view partly in section showing a coupling connection between two sections of the rod;

Fig. 3 is a broken vertical section through a part of the seat back with the cover and its support in position thereon;

Fig. 4 is a broken rear elevation of the distributing rod, cover and support for the rod;

Fig. 5 is a section on the line 5—5 of Fig. 3;

Fig. 6 is a broken front view of the seat back showing modified form of the invention;

Fig. 7 is a detail section of a preferred form of coupling; and

Fig. 8 is a detail section of another modified form of coupling.

In the drawings, by way of example, I have shown the conventional back rest 10 of the seat which is provided with a removable slip cover 11 adapted to lie over the whole front face of the seat back. This cover is shown with a hem 12 at its upper edge, which is not novel so far as this invention is concerned, and through this extends the distributing rod. It is not new to have a rod extending through a hem at the upper edge of the cover, but this invention lies in the peculiar structure, arrangement and support of the distributing rod 13.

As illustrated, the distributing rod is made up of transversely separable sections 14 and there may be any number of these. The rod is curved as a whole to conform to the contour of the top of the seat back to which it is attached, but so far as this invention is concerned, the rod may be supported on the top edge of the seat or on other adjacent parts or supports without affecting the invention. In any case the rod should conform in shape to the seating surface of the support with which it coacts.

The separate rod sections can be connected in any suitable way and in Fig. 2 I have shown adjacent sections having pins 15 which are screw threaded and enter a coupling section 16 which acts as a nut and which should be of the same diameter as the sections 14 as the coupling forms a part of the rod. The coupling 16 is secured to a clip or tongue 17 which is shaped to fit the upper rear part of the seat back and lie against the back part of the same, the tongue being secured by screws 18 or equivalent fastenings. Similar means of connection can be used; for example in Fig. 4 the pins 15' are arranged as shown in Fig. 2 but are unthreaded.

For many seats I prefer the type of coupling shown in Figs. 6 and 7. Here the same principle is involved, but the coupling member 19 acts as a nut the same as the member 16 previously described and it is circumferentially grooved as at 20 so that a member 16 or 16' can be conveniently engaged therewith and secured as already described.

In Fig. 8 the same principle is involved except here the coupling member is also a nut but shaped so that it can be conveniently grasped by the fingers and adjusted like a turn buckle. When this type is used, the coupling itself or the connecting rod can be secured by clips as already described—it may connect with either the coupling or rod.

In either form of the device only a little adjustment is usually necessary, and it will be seen that if there is a slight variation in the width of the seat or the width of the cover this may be compensated for by adjusting the length of the rod 13 and thus the correct hanging or support of the cover is easily made.

The distributing rod or bar can be supported in other ways than those indicated without departing from the invention.

It will be seen that the rod can be applied to any suitable support which has the right relation to the seat back and that the attaching means will of course be modified somewhat to suit the support to which the rod is attached. It will be further seen that the rod extends the full width of the cover 11 and that the strain occasioned by pull on the cover is distributed evenly throughout the whole extent of the distributing rod so that there is no danger of wrinkling, puckering or other distortion.

What I claim is:

1. A cover for the back rest of a seat of a shape and size to lie on and cover the front of said back rest, a strain distributing member of separable sections connected by couplings associated with the upper part of the cover for substantially its full width, and clips connected to the said couplings and adapted to be secured to a support.

2. The combination with a cover for the back rest of a seat of a distributing rod associated with the upper part of the cover for the full width of said cover, said rod comprising transversely separable sections with coupling members connecting the said sections, and means for attaching the coupling members to a support at the top of said back rest.

3. The combination with a seat cover for the back rest of a seat of a distributing rod associated with the upper part of the cover for substantially the full width of the said cover, said rod comprising separable sections with coupling members connecting said sections, and clips connected to the coupling

members and adapted to be attached to a support.

4. The combination with the back rest of the seat and a cover to lie on the front face thereof, a seating surface adjacent the top part of the back rest, a distributing rod associated with the upper part of the cover for substantially the full width of said cover and comprising transversely separable sections with couplings connecting the said sections, said rod conforming in shape to the aforesaid seating surface, and clips engaging the coupling members and adapted for attachment to a support.

5. The combination with a seat cover for the back rest of a seat, of a distributing rod associated with the upper part of the cover for substantially the full width of said cover, said rod comprising separable sections with coupling members connecting said sections, clips connected to the coupling members and adapted to be attached to a support, and means for preventing the rod from slipping in the clips.

6. The combination with a seat cover for the back rest of a seat, of a distributing rod associated with the upper part of the cover for substantially the full width of the seat cover, said rod comprising separable sections with transversely grooved coupling members connecting said sections, and clips seated in the grooves of the coupling members and adapted to be attached to a support.

In testimony whereof, I have signed my name to this specification this 31st day of October, 1928.

WALTER L. FRY.