Oct. 31, 1939. N. J. KROLL ET AL 2,177,833

MASKING PANEL FOR CARRIAGES

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Fig. 1.

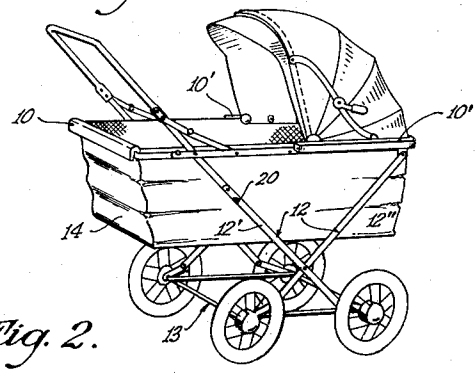


Fig. 2.

Fig. 4.

Fig. 5.

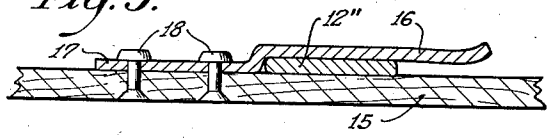
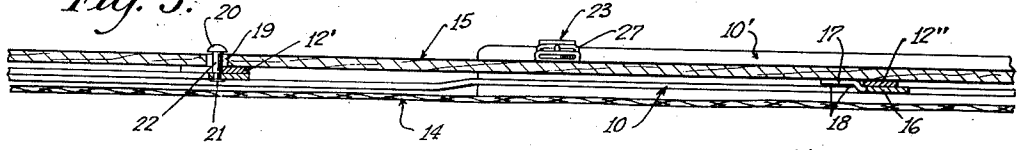


Fig. 3.



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MASKING PANEL FOR CARRIAGES

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Application July 23, 1937, Serial No. 155,282

2 Claims. (Cl. 280—36)

This invention relates to carriages, and more particularly to baby carriages of the collapsible or folding type, and includes among its important novel features the provision of detachable side panels for carriages of the type having a flexible cradle or carriage well.

Another object of the invention is the provision in a carriage of the class described of rigid side panels and means for removably attaching the same to a carriage frame for the purpose of dressing the carriage.

Still another object is the provision in a carriage having a foldable or fabric carriage well or cradle, of substantially rigid side panels which may be removably attached to the carriage frame and which may be variously decorated to dress the carriage and to give the appearance of a carriage having rigid or solid side walls.

Other novel aspects of the invention include the provision of means for removably attaching the side panels to the carriage frame and other details of construction which will appear as the following description develops in view of the drawing in which:

Fig. 1 is a perspective view of a type of carriage with which the invention may be used;

Fig. 2 is an enlarged side elevation of the carriage with the panels attached;

Fig. 3 is an enlarged horizontal fragmentary section viewed along lines 3—3 of Fig. 2, through a portion of a panel and the carriage frame;

Fig. 4 is an enlarged vertical section along lines 4—4 of Fig. 2 showing the strap mounting particularly; while

Fig. 5 is an enlarged fragmentary sectional detail viewed along lines 5—5 of Fig. 2 showing the mounting tongue.

The novel panel attachment of the present invention could be readily applied to a carriage of the type particularly shown and described in our co-pending United States application, Serial No. 121,949.

This type of carriage includes a collapsible frame having a substantially square top rail 10 mounted upon folding cross arms 12 which in turn are movably attached to a chassis or wheel frame 13. A fabric cradle or carriage well 14 is swung from the top rail or frame section 10 and is of a material such as canvas or the like which may readily be folded when the carriage frame structure is folded into its compact form, as particularly described in the aforesaid application.

While carriages of the foregoing construction are well made and designed with a view toward achieving the maximum in good appearance, their chief advantage lies in the collapsibility of the frame, and this necessitates a fabric or foldable carriage well which, however carefully designed and dressed, does not approach in finished appearance the solidity and attractiveness of the type of carriage well having rigid side walls or panels.

With an object of enhancing the attractiveness of the collapsible type of carriage and simulating the appearance of the rigid body construction, we have provided side panels 15 in pairs and of suitably attractive shape, such as that shown in Fig. 2, for example. These panels 15 are preferably, though not necessarily, made of a solid or rigid material, such as wood, and attractively painted or finished. Each panel has on its inner surface (Fig. 5) a clip or tongue 16 in the form of an elongated metal strip having an offset end 17 which lies flush against the inner surface of the panel and which is secured to the latter by means such as the rivets 18.

Spaced away from the mounting tongue 16 lengthwise therefrom on the panel is a pin receiving opening 19 of a diameter adequate to permit the passage therethrough of the somewhat smaller headed portion 20 of a mounting pin or stud attached as at 21 to one of the frame cross members 12'. The mounting stud is of a length sufficient to permit the headed portion 20 thereof to protrude through the panel 15 so as to permit the latter to rest upon the shank 22 of the pin with the headed portion 20 thereof engaging a marginal portion around the hole 19 so as to prevent the sliding movement of the panel off of the shank 22 of the pin.

Between the hole 19 and the clip or tongue 16 is mounted a strap 23 (Fig. 4) attached at one of its ends 24 by any suitable means such as the brads 25 to the outer surface of the panels. Each of the parallel side rails 10' of the carriage frame is provided with a vertically extensive opening 26 through which the strap 23 may be passed and looped back into its buckle 27 so that the panel will be effectively attached to the carriage.

In mounting the panels, the clips or tongues 16 of each panel are first slipped over one of the cross members 12'' and thereafter the panel is moved to bring the hole 19 in register with the head 20 of the mounting pin, whereupon the panel settles onto the shank 22 of the same, the headed portion 20 serving to prevent sliding of the panel off of the pin. Thereafter the free end portions of each of the straps 23 may be inserted through the frame openings 26 and

looped back into their respective buckles 27, the straps being drawn up sufficiently to bring the uppermost longitudinal edge portion 28 of the panel closely under its corresponding top rail 10'.

The foregoing attaching operations are easily and quickly effected and when the panels are thus mounted the appearance of the carriage is greatly improved and closely approaches that of the more ornate and heavier non-folding types.

It will be understood by those skilled in the art that there are various arrangements of folding frames other than those described herein, and it is contemplated that the mounting means including the clip 16 and the stud member 20—22 may be variously positioned or modified to accommodate the application of the panel to the various types of carriage construction available on the market. It is also contemplated that the strap member 23 or equivalent means may be variously embodied and attached to the carriage frame without departing from the intent and scope of the invention, as for instance by passing the strap through an opening in the cradle or well and looping it around the frame. All of these modifications, rearrangements and adaptations of the invention are included within the call of the appended claims.

Having thus described our invention, what we claim as new and desire to protect by Letters Patent is:

1. In a carriage having a wheel chassis, a carriage well including a top rail portion and collapsible frame means supporting said well relative to said chassis, panel means for dressing the sides of the carriage well in the form of panels in pairs and of substantially rigid construction, a flexible loop member attached to each panel for removable engagement with said top rail structure, hook means on said panels for removable engagement with said frame structure, and pin means on said frame structure supportably engaging each of said panels at a point remote from said hook means and said flexible loop means on each of the same.

2. Removable side panels in pairs for use with a collapsible carriage of the type having a wheel chassis, a top rail frame of substantially rectangular form and spaced apart collapsible frame members supporting said top rail frame on said wheel chassis, a carriage well of foldable construction supported from said top rail frame, said side panels being provided in pairs and each of the same being of substantially elongated form and rigid construction and each having a hook-like member on its inner surface for engagement with one of said spaced frame members, the other said frame member of each pair having headed pin members extended therefrom and each of said panels having an opening supportably receiving one of said headed pin members, each of said panels further having a flexible strap member removably engaging a portion of said top rail frame on the side of said well at which said panel is mounted.

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