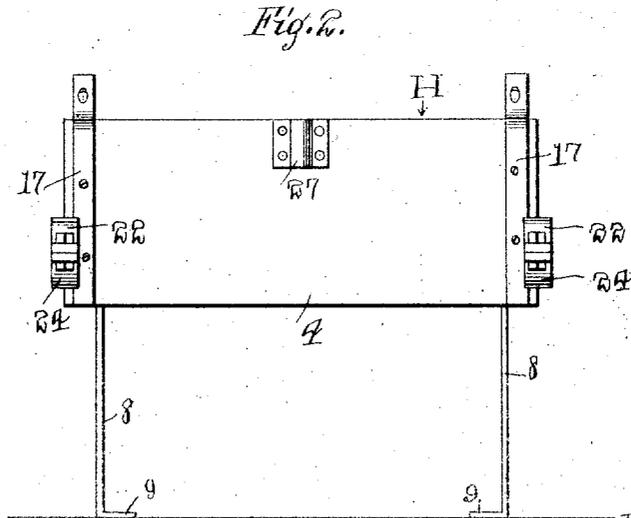
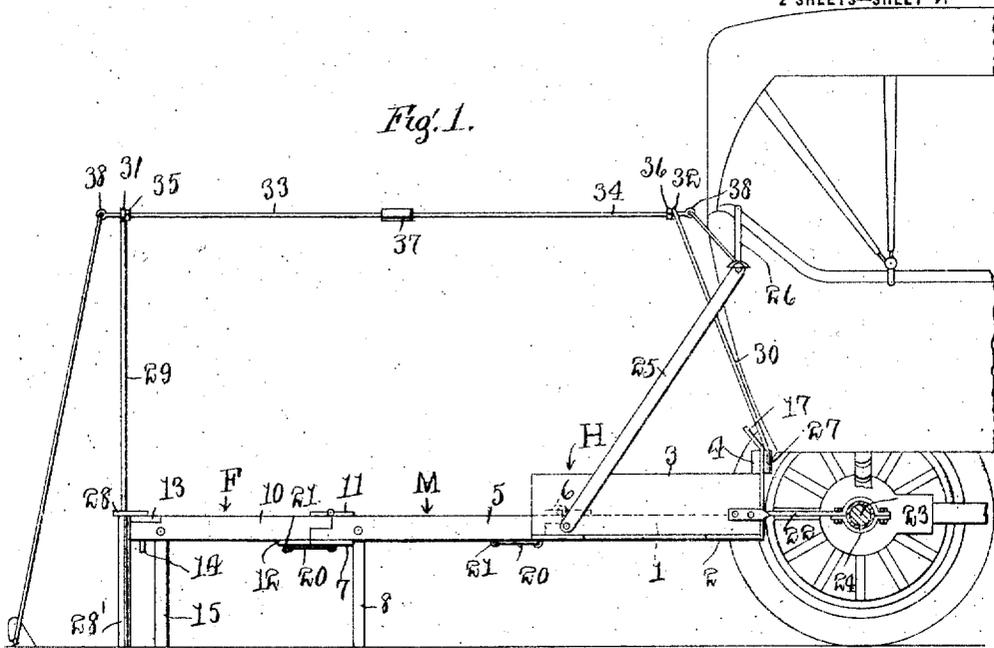


1,256,861.

Patented Feb. 19, 1918.  
 2 SHEETS—SHEET 1.

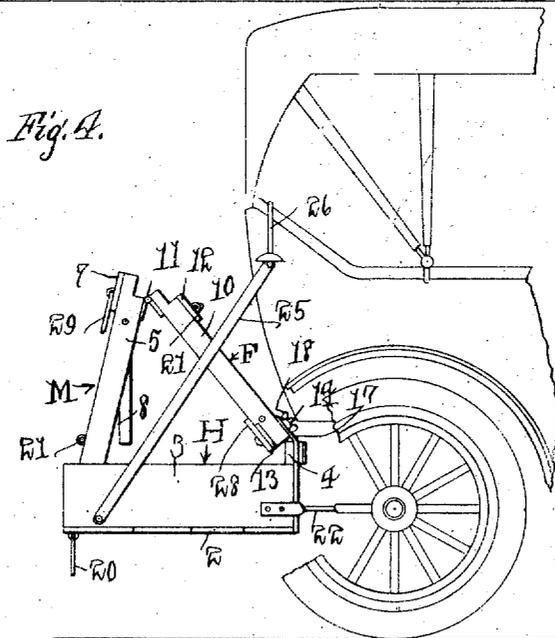
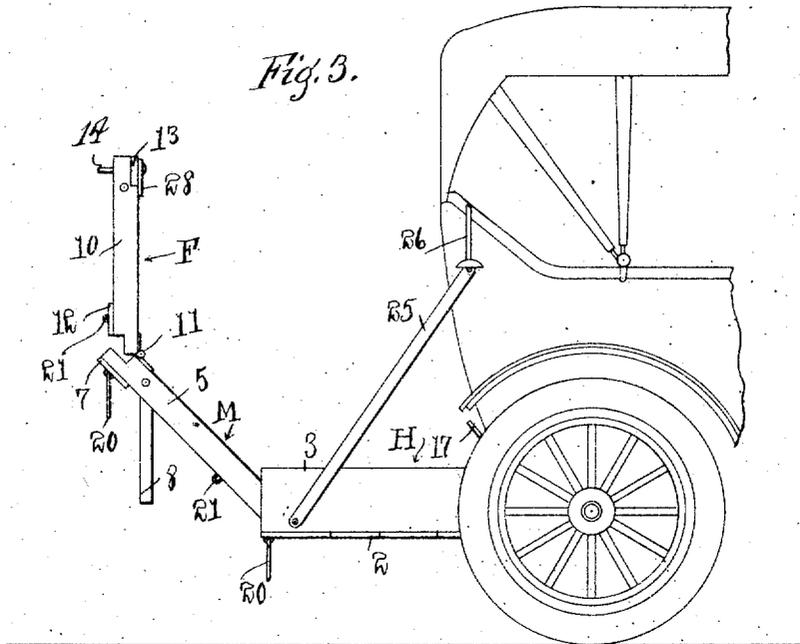


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# UNITED STATES PATENT OFFICE.

ROLLIN E. ADAMS, OF FORT COLLINS, COLORADO.

FOLDING-BED ATTACHMENT FOR AUTOMOBILES.

1,256,861.

Specification of Letters Patent.

Patented Feb. 19, 1918.

Application filed August 1, 1917. Serial No. 183,948.

*To all whom it may concern:*

Be it known that I, ROLLIN E. ADAMS, a citizen of the United States, residing at Fort Collins, in the county of Larimer and State of Colorado, have invented a new and useful Folding-Bed Attachment for Automobiles, of which the following is a specification.

The subject of this invention is a folding bed attachment for automobiles, and the objects of the invention are, first, to provide a folding bed with means for securing the same to an automobile and locking means for retaining the bed in unfolded position, second, to provide a folding bed of this character with novel means for locking the bed in its folded position, third, to provide a folding bed which forms, when folded, a housing for the bedding, fourth, to provide means for supporting a canopy over the bed, fifth, to provide a novel and efficient bed.

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.

One practical embodiment of the invention is shown in the accompanying drawings, wherein:—

Figure-1 is a side elevation of the device in its extended position, a fragment of the automobile being shown, the near wheel being removed.

Fig. 2 is a head end elevation of the bed detached from the automobile;

Fig. 3 is a side elevation of the device partly closed;

Fig. 4 is a side elevation of the device in folded position.

Referring to the drawings by characters of reference:—

The bed consists of three sections; a head section indicated at H, a middle section indicated at M, and a foot section indicated at F.

The head section consists of side bars 1 which are connected by the underlying tie

boards 2 secured to the side bars by nails or otherwise. The head section is boxed in on three sides by the side boards 3 and a head board 4 as shown.

The free ends of the side bars 1 are overcut or reduced to receive the undercut ends of the side bars 5 of the middle section. The side bars 5 are secured to the side bars 1 by the overlying strap hinges 6. The other ends of the side bars 5 are connected by the underlying tie board 7 which is bolted or otherwise secured to the side bars. Pivotally secured to the inner face of each side bar 5 adjacent the tie board 7, is a rod 8 the free end of which is angularly disposed to form a foot 9. These bars form legs which support the middle section of the bed.

The side bars 5 are over cut to receive the undercut ends of the side bars 10 of the foot section. Overlying strap hinges 11 connect the side bars 5 to the side bars 10. These hinged ends of the side bars 10 are connected by the underlying tie piece 12 which is bolted or otherwise secured to the side bars, while the free ends of the bars are preferably overcut to receive the end tie piece 13 which is secured to the side bars by bolts 14 the threaded ends of which project from the lower faces of the side bars for a purpose to be set forth.

Rods 15 having angled ends, not shown, are pivotally secured to the inner face of each side bar 10 adjacent their free ends, to provide legs for supporting the foot section, the angled ends of the legs providing feet.

Metal straps 17 are secured by screws or otherwise to the outer face of the head board 4, above the edge of which they rise, and the upstanding ends of these straps are apertured to receive the extending ends of the bolts 14, when the bed is folded. Wing nuts 18 are threaded on the bolts 14 to bind the bed in folded position.

As will be evident from Fig. 4, the foot of the frame rests upon the upper edge of the head board 4 when the bed is folded. The bed in its folded position presents a platform with angled side frames rising therefrom and forms a suitable place for storing bedding and the like. A covering of canvas or the like may be placed over the bed when thus folded.

Springs, not shown, may be secured in

the bed frame if desired and, being flexible, will easily fold with the bed frame. Hooks 20 are secured beneath the side bars 1 and 5 and engage eyes 21 in the bars 5 and 10, respectively, for the purpose of locking the bed in opened position.

Quarter turned bars 22 are secured by bolts or otherwise to the head section and their free ends are formed to straddle the rear axle 23 of an automobile to which they are clamped by the curved clamping straps 24 which are bolted to said axles and underlie the axle, as seen most clearly in Fig. 1. Supporting rods 25 extend from each top support 26 of the automobile, or other suitable part, and are secured to the sides of the head section H by bolts or screws.

A tubular socket 27 may be secured to the head board and an apertured plate 28 pivoted to the foot tie piece 13. A tubular member 28' passes through the aperture of the plate 28 and serves to support a rod 29 which rises therefrom. A similar rod 30 rises from the tubular socket 27 in which it is detachably stepped, and these rods are provided at their upper ends with eyes 31 and 32 respectively. These rods may be sectional or jointed, if desired, to facilitate packing the same beneath the seat of an automobile.

A horizontal rod passes through the eyes 31 and 32, and this rod is preferably composed of sections 33 and 34, provided with collars 35 and 36 respectively, which collars are adapted to abut the eyes 31 and 32 and retain the rods in proper position. The sections 33 and 34 are joined by the sleeve coupling 37. Eye caps 38 are threaded on the free ends of the sections 33 and 34 and guy ropes may be secured in these eyes and fastened, for the head end to some suitable

part of the automobile, and for the foot end, to stakes or the like.

From the foregoing it will be understood that the structure just described presents a supporting frame for a canopy or tent to cover the bed when in its extended position.

The bed may readily form a foundation for a table, a suitable top being placed thereon. The head section will also form a boot for carrying a trunk or the like, if desired.

Having thus described the invention, what is claimed as new and sought by Letters-Patent, is:—

1. A folding bed attachment for automobiles, comprising a sectional frame, means for securing the frame to an automobile, a head board on the frame, apertured members rising from the head board, and means secured to the foot of the frame and adapted to enter the apertures for securing the frame in folded position.

2. A folding bed attachment for automobiles, comprising sections, means for attaching one of said sections to an automobile, there being a head board on said section, apertured members rising from the head board, the other section foldable upon the first section to provide a container, and means secured to the other section and adapted to enter the apertures for securing the section in folded position.

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

ROLLIN E. ADAMS.

Witnesses:

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C. O. MURPHY.