WILLIAM W. VINCENT & DON CARLOS TRAVIS.

FOLDING COUCH ATTACHMENT.

APPLICATION FILED FEB. 15, 1912.

1,096,209.

Patented May 12, 1914.

Fig. 1.

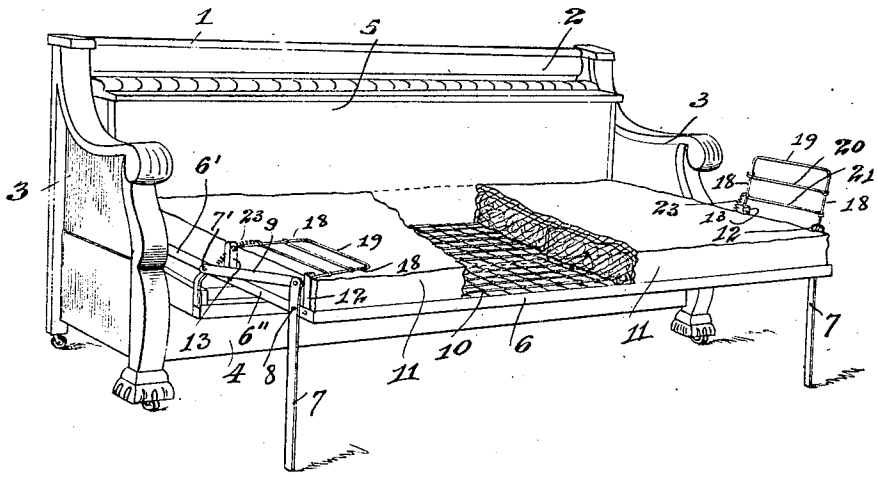


Fig. 2.

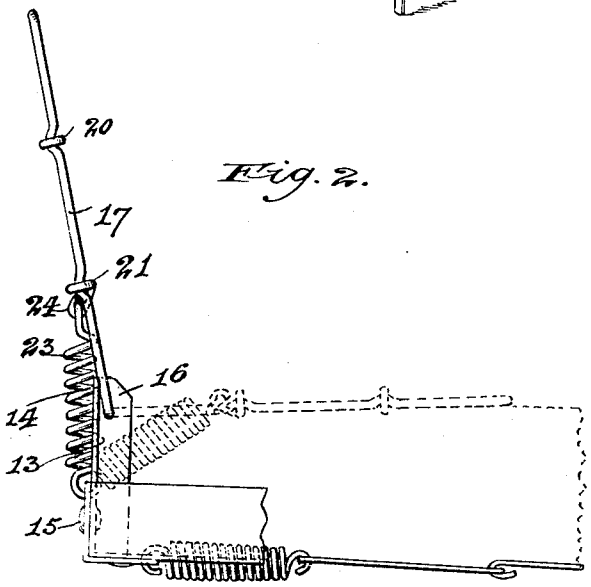
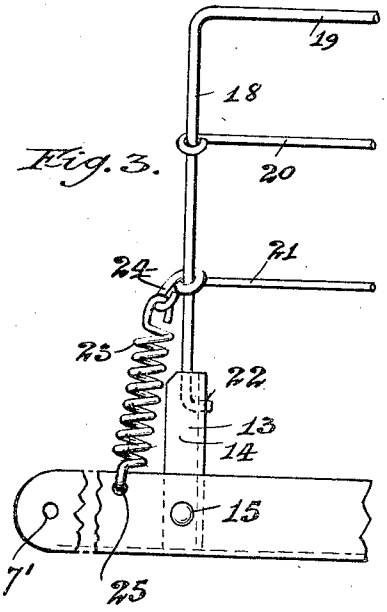


Fig. 3.



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UNITED STATES PATENT OFFICE.

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FOLDING-COUCH ATTACHMENT.

1,096,209. Specification of Letters Patent. Patented May 12, 1914.

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To all whom it may concern:

Be it known that we, WILLIAM W. VINCENT and DON CARLOS TRAVIS, citizens of the United States, each residing in the city of Kenosha, county of Kenosha, and State of Wisconsin, have invented certain new and useful Improvements in Folding-Couch Attachments, of which the following is a specification.

This invention relates to improvements in folding couch attachments, and refers more particularly to a device in connection with the so-called combined davenport and bed.

The salient object of the invention is to provide a simple and reliable pillow support or head rest which is to be attached to the outer end of the mattress frame which projects beyond the main body of the couch when the device is in position for use as a bed.

Other objects of the invention are to provide a construction of the character referred to which folds down out of the way when the mattress frame is in its folded or closed position and which also assists in confining the mattress or bedding; to provide a construction of the character referred to which is automatically locked in either its extended or folded position; to provide a construction which can be readily secured to any well known type of folding couch or bed; and in general to provide an improved construction of the character referred to.

The invention consists in the matters hereinafter described and more particularly pointed out in the appended claim.

In the drawings Figure 1 is a perspective view of a folding couch equipped with our invention and showing the mattress or bed frame in extended position, part of the mattress being broken away. Fig. 2 is a fragmentary side elevation on an enlarged scale, the folded position of the attachment being shown in dotted lines; Fig. 3 is a fragmentary end elevation of the view shown in Fig. 2.

In devices of this character when the couch is in its extended position for use as a bed, the pillow at the inner side of the bed rests against the arms of the couch or davenport, but in prior constructions there has been nothing against which the pillow at the outer side of the bed might rest or be supported. The present invention serves as a head rest at the outer side of the bed and preferably either end of the bed frame is provided with one of these attachments.

Referring now more particularly to the drawing 1 designates as a whole a folding couch or davenport comprising a back 2, sides or arms 3, and a bottom 4. A stuffed seat or cushion 5 is secured within the frame of the couch and rests upon and incloses the extensible bed frame when the latter is in its folded position. In the drawings the device is shown in its extended position for use as a bed, in which case the cushion member 5 is swung up against the back of the couch. Within the couch is secured a folding bed frame 6 comprising sections 6′ and 6″ pivoted to each other as shown at 7′ whereby the section 6″ can fold back upon the other section 6′. When in its extended position the outer end of the bed frame is supported by legs 7 pivoted to the frame as shown at 8. The upper ends of the legs 7 are pivotally connected to brace members 9. A metallic fabric 10 is stretched across the bed frame and supports the mattress or bedding 11 as shown.

The foregoing parts are not described more in detail for the reason that they form no part of the present invention.

Describing now more particularly the attachment in question, at either end of the folding frame 6 are riveted or otherwise secured a pair of supporting posts 12 and 13 which preferably take the form of angle irons. One flange 14 of each angle iron is riveted as shown at 15 to the bed frame while the other flange 16 serves as a pivotal support for the head rest or pillow support 17. The latter comprises side members 18 and top 19, preferably made in a single piece and cross rods 20 and 21. The lower ends of the side members 18 are bent inwardly as shown at 22 and pivotally engage the flange 16 of the posts. The attachment is automatically locked in either its extended or folded position by means of a coil contractile spring 23 one end of which is hooked into a loop 24 which preferably is formed by bending the adjacent end of the cross rods 21. The lower end of the spring is secured as shown at 25 to the adjacent end of the bed frame. Each of the attachments is provided with one of these springs and it is to be particularly noted that the lower ends

of the springs are secured to the bed frame at points offset from the point of attachment of the head rest to the post. The arrangement is such that the springs 23 will automatically snap the attachments into open position and there lock them as the latter are open. The springs act in a similar manner when the head rests are swung inwardly.

The invention is not limited to the details of construction shown except as set forth in the appended claim.

We claim as our invention:

The combination with a folding couch frame, of posts of angle cross-section extending from opposite corners at one end thereof, a wire head rest having at its lower end lateral pintle extensions for engaging in holes formed in the longitudinally extending flanges of the respective posts a short distance below the top of the posts whereby said rest may be swung into horizontal position against a mattress on the frame or to a vertical position to form a resting abutment for the head, and a spring connecting between said rest and said frame to yieldingly lock said rest in either position.

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