J. A. WILSON.

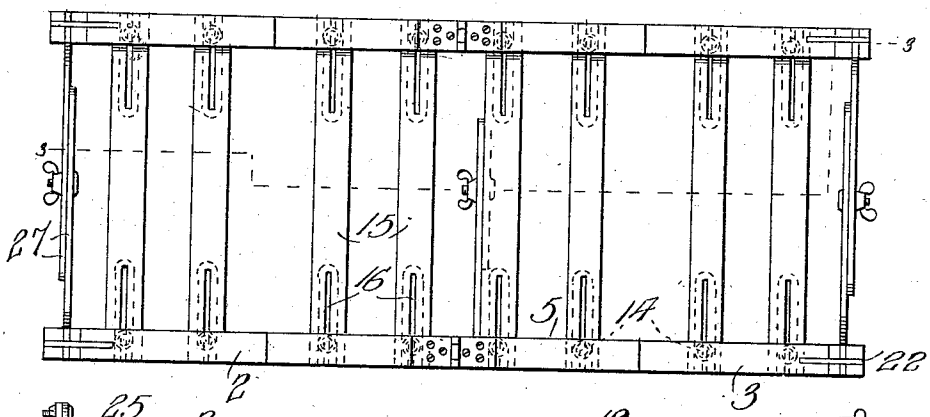
BEDSTEAD.

APPLICATION FILED MAY 13, 1908.

906,348.

Patented Dec. 8, 1908.

Fig. 1.



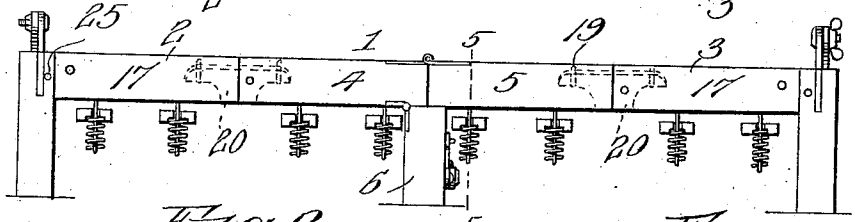


Fig. 2.

Fig. 3.

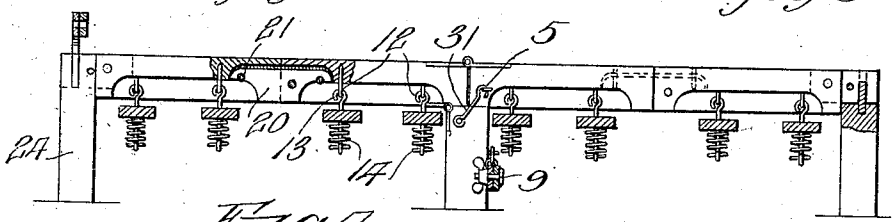


Fig. 4.

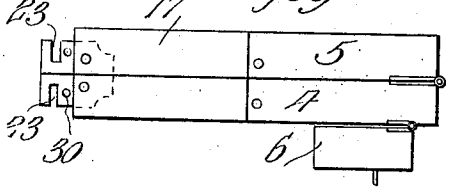
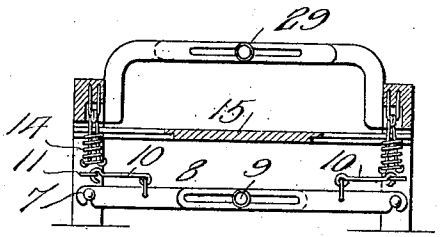


Fig. 5.



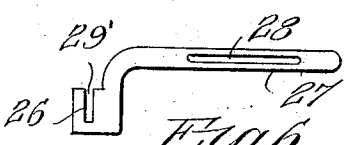


Fig. 6.

Witnesses

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BEDSTEAD.

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To all whom it may concern:

Be it known that I, JOHN A. WILSON, a citizen of the United States, residing at Columbus, in the county of Cherokee and State of Kansas, have invented new and useful Improvements in Bedsteads, of which the following is a specification.

This invention relates to bedsteads primarily intended for the use of tourists or campers, and the object of the invention is to provide a bedstead which is adjustable both longitudinally and transversely to provide a single or a double bed which may be readily adapted to suit the various sizes of the occupants.

Another object of the invention is to provide a bedstead constructed of interchangeable sections whereby the bed may be lengthened or shortened as desired.

A still further object of the invention is to provide a bedstead which may be readily collapsed and folded so as to occupy a small space when stored or in transportation.

With these and other objects in view the invention resides in the novel construction and arrangement of parts hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is a top plan view of a bedstead constructed in accordance with the present invention. Fig. 2 is a side elevation of the same. Fig. 3 is a longitudinal sectional view of the same. Fig. 4 is a side elevation illustrating the manner of folding the central portion of the bed. Fig. 5 is a transverse sectional view upon the line 5—5 of Fig. 2. Fig. 6 is a side elevation of one of the end braces.

The improved bedstead comprises primarily the central section 1 and end sections 2 and 3. The central section comprises hinged side arms 4 and 5. To the side arms 4 are hingedly secured the leg members 6. These leg members 6 are of a width sufficient to engage the end of the side arms 5 when the device is in open position, as illustrated in Figs. 1, 2, 3 and 4 of the drawings. By this construction it will be noted that the legs form an effective support for both the side members 4 and 5. The leg members 6 are each provided with suitable pins or studs 7 adapted to engage with the hooked ends of the cross braces 8. These cross braces 8 comprise a pair of members, each of which has a longitudinal slot adapted for the reception of a retaining element 9, by which the brace members are effectively secured together. The brace members may be provided with the hooks 10, adapted to engage eyes 11 provided upon the legs 6, and which serve as an additional means for supporting the legs in their open position as well as retaining the cross braces 8 upon the studs 7. The side members 4 and 5 have their inner faces provided with cut away portions, and to the horizontal wall of these cut away portions is secured a plurality of staples 12. The staples 12 are each adapted for the reception of a hooked member 13. This hooked member 13 is constructed of a single element provided with a pair of arms, and the ends of these arms are bent to provide eyes adapted for engagement with the lower convolution of a helical spring 14. Upon the upper ends of these springs 14 are positioned the slats 15. These slats 15 have both of their ends provided with longitudinally extending slots 16, which are adapted to engage the arms of the hooks 12. By arranging the slats 15 with the slots 16, and the cross bars 8 with the longitudinal openings, it will be noted that the transverse adjustment of the bed section may be readily accomplished.

The end sections 2 and 3 are each provided with side bars 17. These side bars 17 correspond with the sides 4 and 5 of the central section, and are each provided with a plurality of eyes adapted for the reception of hooks having helical springs upon which slotted slats are secured in a manner similar to that described in connection with the central section 1 of the bed. The bar 17 of the end section 3 is provided with an outwardly extending hook 18, and this hook 18 is adapted to engage an eye 19 provided upon the bar 5 of the central section 1, and by which the end 3 and bars 5 are connected together. The side members 4 of the central section 1 are also provided with an outwardly projecting hook 20. This hook 20 is adapted to engage a suitable eye 21 provided upon the side bars 17 of the end section 2, and by which the bar 4 and bar 17 of the end section 2 are securely connected together.

The outer ends of the side bars 17 of the sections 2 and 3 are each provided with outwardly extending hooks 22. These hooked members 22 are provided with a vertically arranged transverse slot or opening 23 as clearly illustrated in Fig. 4 of the drawings.

The leg members 24 for the end sections 2 and 3 have their upper ends provided with

transversely arranged slots, and transverse of one of the slots is the opening 25, the purpose of which will hereinafter be described. Positioned within the transverse slots are the ends 26 of the end cross braces 27. The ends 26 are provided with a slot 28, and the bodies of the braces are provided with longitudinal slots 28′. These slots 28′ are adapted to aline and are for the reception of a threaded retaining element 29. The slots 28 are arranged adjacent the upper end of the portions 26, while the slots 25 of the side members 17 have their openings provided adjacent their lower ends, so that these slots are adapted to engage the slots 28 of the cross braces 27 and retain their upper edges in a line with the upper portion of the legs 24. The catches provided upon the ends of the bars 17 have a perforation 30 alining with the opening 25, and these openings are adapted for the reception of a suitable pin whereby the bed may be moved without disturbing the connections. The legs 6 of the central section are each provided with a suitable hook 31 adapted to engage an eye provided in the side arms 5 and effectively retain the legs and side arms in locked position.

From the foregoing description it will be noted that the width of the bed may be readily regulated through the medium of the retaining elements 9 and 29 engaging the slotted brace arms, the slotted slats being readily movable upon the hooks 13. When it is desired to shorten the bed, the side bars 17 of the end portion 2 are removed from engagement with the hook 20, the side members 17 disconnected from the legs 24 and the legs 24 connected with the projecting end of the hook 20. When it is desired to fold the bed into small compass, the leg sections 24 are disconnected from the end sections 17, the cross bars 27 are also disconnected from the leg sections 24, the sides 17 are disconnected from the hooks 20, the slats 15 are removed from the hooks 13, the hooks removed from the eyes 12, if desired, the members 4 and 5 of the central section 1 folded upon each other, the legs 6 of the central section folded against the sides 4, thus folding the entire bedstead into small compass. If desired, however, the side members 17 of the end sections may be retained in secured position upon the members 4 and 5 of the central section 1, as illustrated in Fig. 4 of the drawings.

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

1. In a bedstead, side and end sections, the side sections comprising a central portion and end portions, a hinged leg for the central portion, eyes secured in spaced relation upon the side sections, hooks for the eyes, helical springs upon the hooks, bed slats having their ends provided with longitudinal grooves engaging the hooks and resting upon the helical springs.

2. In a bedstead, side and end sections, the side sections comprising a central portion and end portions, the central portion comprising a pair of members hingedly secured together, a hinged leg for the central portion, cross braces connecting the legs, said cross braces comprising a pair of members provided with longitudinal slots positioned adjacent each other, retaining elements for the members, the members of the central portion being provided with projecting hooks, eyes upon the end portions of the side sections adapted to be engaged by the hooks, hooks upon the free ends of the sections, legs having transversely arranged vertical slots adapted for the reception of the hooks, end cross sections adapted to engage the hooks and the transverse slots of the legs, said cross sections comprising a pair of members having longitudinal alining slots, and retaining elements for the cross sections.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN A. WILSON.

Witnesses:

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