No. 834,357. PATENTED OCT. 30, 1906.

L. E. BLECKLEY.

BED COVER SUPPORT.

APPLICATION FILED FEB. 3, 1904.

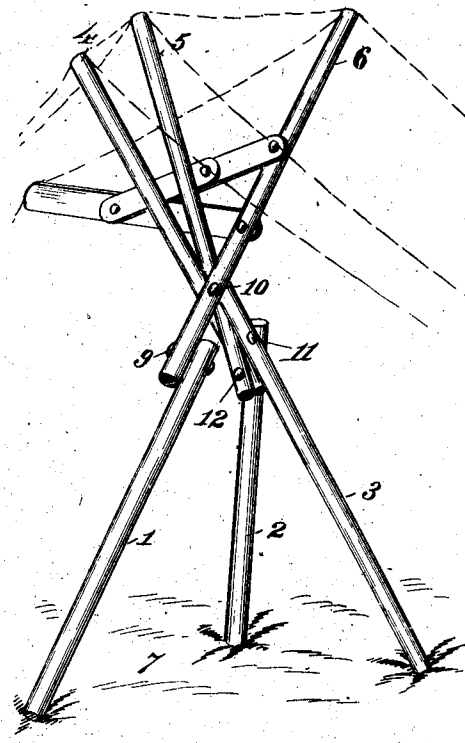


Fig. I.

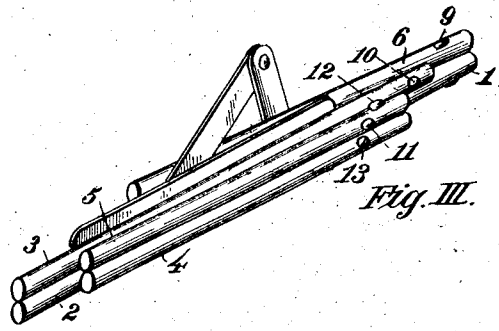


Fig. III.

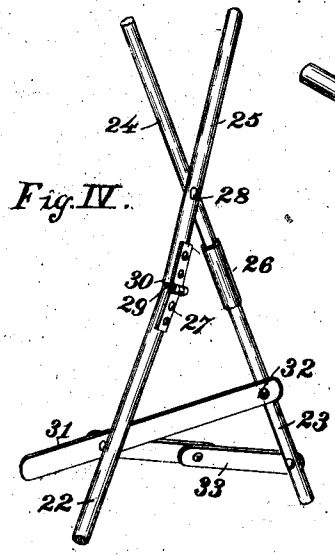


Fig. IV.

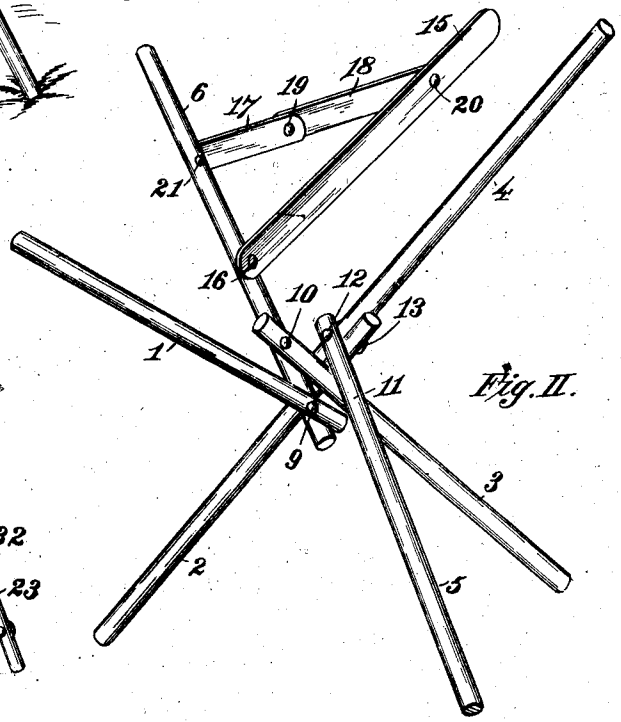


Fig. II.

WITNESSES:

Frank J. Kent.

INVENTOR:

Logan E. Bleckley.

BY

Jasper S. Atkins,

ATTORNEY.

THE NORRIS PETERS CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

LOGAN E. BLECKLEY, OF CLARKESVILLE, GEORGIA.

BED-COVER SUPPORT.

No. 834,357. Specification of Letters Patent. Patented Oct. 30, 1906.

Application filed February 3, 1904. Serial No. 191,849.

To all whom it may concern:

Be it known that I, LOGAN E. BLECKLEY, of Clarkesville, in the county of Habersham, State of Georgia, have invented certain new and useful Improvements in Bed-Cover Supports, of which the following is a complete specification, reference being had to the accompanying drawings.

The object of my invention is to produce a light, cheap, practicable, and widely-adjustable support for bedclothing by the use whereof the occupant of a bed may be relieved of the weight of superincumbent clothing without loss of the warmth which the bedclothing is intended to conserve in and about the body of the said occupant.

I have discovered that in practice insomnia may be relieved and the general health of a person improved by providing means for keeping the body covered and protected by the bedclothing, but free from the oppressive weight thereof. I regard also the exposure of the body directly to the atmospheric covering included under the bedclothing and about the body to be productive of beneficial results.

My present invention is intended not only to afford in practice means for arriving at the general objects above enumerated, but also to afford ready and convenient means for changing the position of the support during the time it is operatively employed for the performance of its functions.

The object last referred to is secured by the wide range of adjustability of the members which compose the support.

In the accompanying drawings, Figure I is a perspective view of one form of embodiment of my bedclothes-support installed in one of its operative positions as in use, showing a portion of the mattress and the bedcover in outline. Fig. II is a perspective view of the support shown in Fig. I adjusted, by way of illustrating its wide range of adjustability, into a different operative position from that shown in Fig. I. Fig. III shows the support shown in Figs. I and II collapsed and folded, and Fig. IV illustrates in perspective a modified form of embodiment of my invention.

Referring to the numerals on the drawings, and first with reference to Figs. I to III thereof, inclusive, 1, 2, and 3 indicate one set of terminal members, and 4, 5, and 6 the other set of terminal members, which united with each other and with the members of the first set constitute one, and that a preferred, form of embodiment of my bed-cover support. The members 1, 2, and 3, being preferably of uniform length and designed to rest upon the surface 7 of the bed or the mattress, might be designated as the "legs," and the parts 4, 5, and 6, being designed to support the cover 8, might be designated as the "supporting-arms" were it not for the fact that the position of the device may be in practice reversed. The free ends of the several terminal members project unobstructedly, so that they may severally engage the mattress and the bedclothes, and thereby hold themselves and that which they support in the position to which they are adjusted.

In order to secure that degree of universal adjustability whereby the device may be readily accommodated to its office, I prefer to unite the several members one to another, preferably in the manner hereinafter specified, by flexible joints, such as may be simply and efficiently constructed of a double-headed pin or rivet 9. (Shown, for example, in Fig. I.) Besides the joint represented by the rivet 9, which flexibly connects the members 1 and 6, I employ a like joint 10, connecting the members 6 and 3, a joint 11, connecting the members 3 and 5, a joint 12, connecting the members 5 and 4, and a joint 13, connecting the members 2 and 4.

I prefer to locate the several joints above specified in irregularly-staggered arrangement relatively to a horizontal plane represented by the mattress 7 and also to provide, as illustrated, for the swing or movement of each member in a plane angularly disposed with respect to the plane in which each one of the other members swings or moves. By this provision a range of adjustability of the parts of practically unlimited extent and diversity is secured.

I prefer to provide at least one of the members—for example, the member 6—with a laterally-projecting arm 15, flexibly united at one end, as indicated at 16, to the member 6 and supported as by a flexible brace consisting of a pair of members 17 and 18, flexibly united to each other, as indicated at 19, and in like manner united to the arm 15 and to the member 6, respectively, as indicated at 20 and 21.

In Fig. IV, I illustrate a somewhat similar but simpler form of embodiment of my invention having by reason of its simplicity a more constricted range of adjustability, but

nevertheless available in large measure for accomplishing the objects of my invention.

Referring to the numerals on that figure of the drawings, 22 and 23 indicate one pair of members, and 24 and 25 another pair. The members 23 and 24 being conjoined, as by a sliding sleeve 26, and the members 22 and 25 being flexibly united, as by a hinge 27, the said members are, in effect, united into a pair of supports assembled shearwise, as by a double-headed pin or rivet 28, which directly connects the members 24 and 25. The opposite ends 29 and 30 of the members 22 and 25 being held in operative juxtaposition to each other constitute, in effect, shoulders to the hinge 27 and serve to limit the flexibility thereof in one direction.

31 indicates a projecting arm corresponding to the arm 15, previously described. It is pivoted, as indicated at 32, to the member 23 and is provided with a flexible brace 33, corresponding in all respects to that composed of the members 17 and 18, as previously specified.

The device shown in Fig. IV is, like that shown in the remaining figures, collapsible and expansible into a support. The means of flexible union are shown as modified therein, and the sets of supporting members are reduced in number to two instead of three, exclusive of the laterally-projecting arm, which is common to both forms. As shown in Fig. IV, the arm 31 constitutes, in effect, a foot for the form of embodiment of my support shown therein; but the device may be reversed, and the arm 31 may be thereby caused to perform the identical function performed by the arm 15.

In practice my device may be adjusted to any position which the comfort or inclination of the user may require and may be adjusted and shifted in position to suit its various adjustments at the will of the manipulator.

What I claim is—

1. A bed-cover support consisting of a plurality of members flexibly attached to each other at their ends to constitute an expansible and collapsible unit.

2. In a bed-cover support the combination with a plurality of members flexibly attached to each other, of a laterally-projecting arm movably secured to one of said members, said arm constituting an extensible and collapsible part thereof.

3. In a bed-cover support the combination of two sets of members expansibly and collapsibly united near their ends to constitute an adjustably-operative unit.

4. In a bed-cover support, the combination of two sets of members, the ends of one set being flexibly attached to the ends of the other set so as to constitute an expansible and collapsible unit.

In testimony of all which I have hereunto subscribed my name.

LOGAN E. BLECKLEY.

Witnesses:

JOSEPH L. ATKINS,

MARY A. WILSON.