B. C. RODKEY.

ATTACHMENT FOR BED SPRINGS.

APPLICATION FILED MAR. 24, 1920.

1,402,796. Patented Jan. 10, 1922.

Fig. 1.

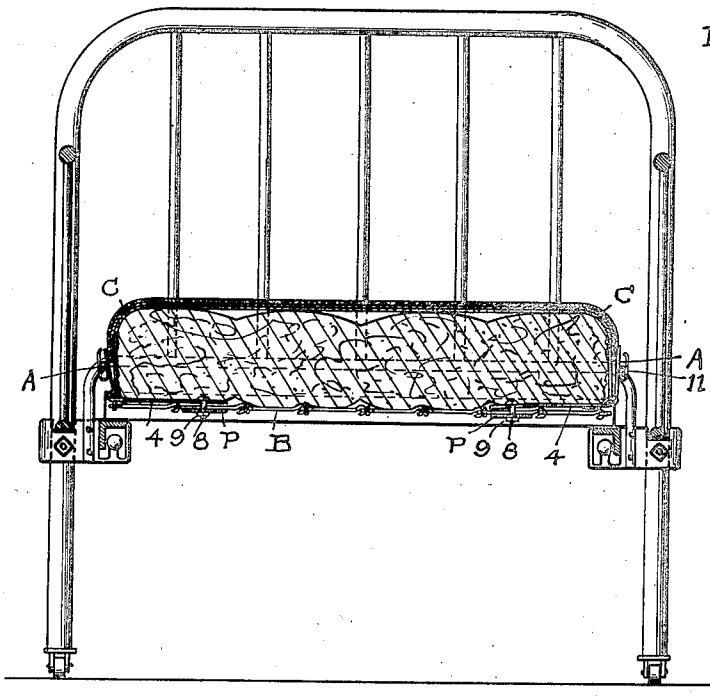


Fig. 2.

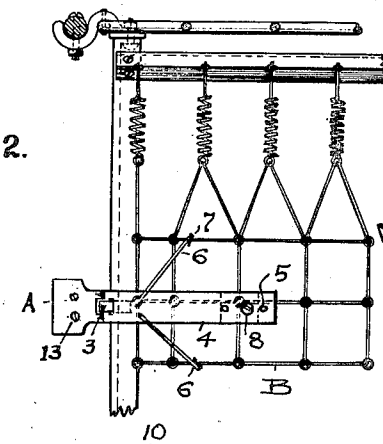


Fig. 3.

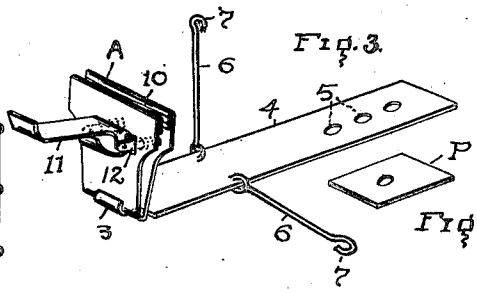
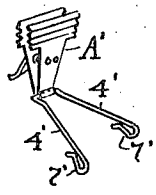


Fig. 4.

Fig. 6



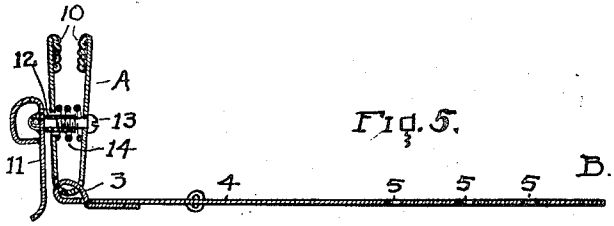


Fig. 5.

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ATTACHMENT FOR BED SPRINGS.

1,402,796. Specification of Letters Patent. Patented Jan. 10, 1922.

Application filed March 24, 1920. Serial No. 368,259.

To all whom it may concern:

Be it known that I, BOYD C. RODKEY, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in an Attachment for Bed Springs, of which the following is a specification.

My invention relates to an attachment for bed springs, and my primary object is to provide means adapted to hold the bed clothes or covers in place upon a mattress and which means is affixed to the bed spring bottom to permit the bed clothes to play and flex with the bottom and thus avoid tearing of the bed clothes and to permit the bed clothes to be stretched either loosely or tightly upon the mattress, and the attachment is also affixed to the bed spring bottom in a way to permit it to be flexed away from the top surface so that an outer coverlet or sheet may be used and tucked between the attachment and the spring bottom, all as herein shown, and described and more particularly pointed out in the claim.

In the drawing accompanying this application, Fig. 1 is a cross sectional view of a bed or crib in which a flexible spring bottom is shown as provided with a pair of my improved attachments in gripping connection with the bed covers. Fig. 2 is a plan view of one corner portion of the bed or crib showing the spring fabric and one of my improved attachments in place thereon. Fig. 3 is a perspective view of the main parts of the attachment, and Fig. 4 is a similar view of the auxiliary fastening plate. Fig. 5 is an enlarged view and section longitudinally through the clamping jaws and the flexible fastening strap, showing the jaws open. Fig. 6 is a respective view of the modification.

The invention comprises a clamping holder —A— made of a piece of sheet-metal folded upon itself and slotted at its fold line to receive a loop 3 at one end of a spring plate or flexible metal strap 4 having several perforations 5 at its opposite end. This strap is provided at each side edge with a swiveled wire link 6 having a hook 7 at its free end wherewith to make a detachable connection with a fabricated bed-spring bottom B when the strap or plate 4 is placed flat thereon as shown in Fig. 2. The strap or plate is further fastened to this fabricated bottom by a short bolt or screw 8 extending through any one of the several perforations 5 and having a nut 9 bearing against an auxiliary plate P placed in a clamping position at the lower side of the bed-spring bottom. The single fastening bolt 8 secures the end of strap 4 to the spring and the links 6 prevent the strap from turning or pivoting around the bolt although not materially hindering the strap from flexing upwardly within limits away from the upper surface of the bed spring. Thus a pull upwardly on the clamping holder will flex the spring-plate or strap 4 until checked by the links 6, but the normal position of the spring-plate or strap 4 is to extend on straight lines and lie flat upon the bed spring and accordingly the strap exerts a constant pull on the bed clothes C when gripped and held within the corrugated jaws 10 of the clamping holder A.

The jaws 10 are formed by folding the ends of the sheet-metal piece inwardly and corrugating these folded portions transversely, and the jaws are brought together by an eccentric lever 11 which is pivotally mounted opposite the outer face of one of the spring walls of the holder. The supports for lever 11 permit adjustment of the eccentric relatively to the contact wall, and comprise tubular posts 12 which pass through openings in one wall and connect with screws 13 which extend through the opposite wall of holder A. A coiled spring 14 may also be sleeved over the posts 12 to press the walls apart and open the jaws when the eccentric lever is turned on its pivot for that purpose.

Any number of these clamping holders may be attached on a bed spring, but usually two pair will be sufficient, one pair at the foot and another pair at the head of the bed, and they are particularly designed and intended to hold the bed-clothes in place when the bed is occupied, although they may also be employed when the bed is not in use. In Fig. 6 I show a clamping holder A having a wire yoke 4′ pivotally connected therewith and provided with hooks 7′ at its free extremities to permit a detachable connection to be made with the bed spring bottom B, and which when so connected will have a swiveled or hinged connection with the

bed bottom so that the clamping holder may be free to swing in respect to the bed bottom.

What I claim is:

A bed-cover holder comprising a pair of flat spring clamping jaws having means adapted to close the same, a spring metal strap having one end perforated and a loop at its opposite end in hinged connection with said jaws, and means adapted to fasten said strap at its perforated end flatwise upon a bed spring bottom.

Signed at Cleveland, in the county of Cuyahoga and State of Ohio, this 22nd day of March, 1920.

BOYD C. RODKEY.