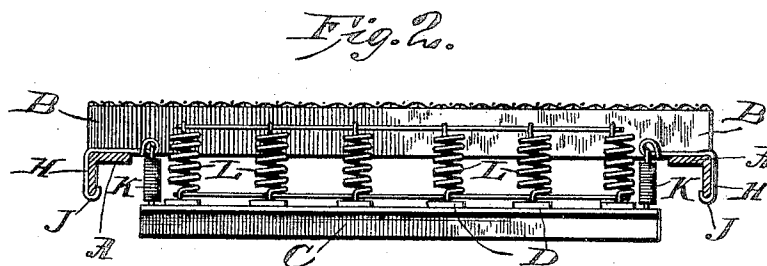
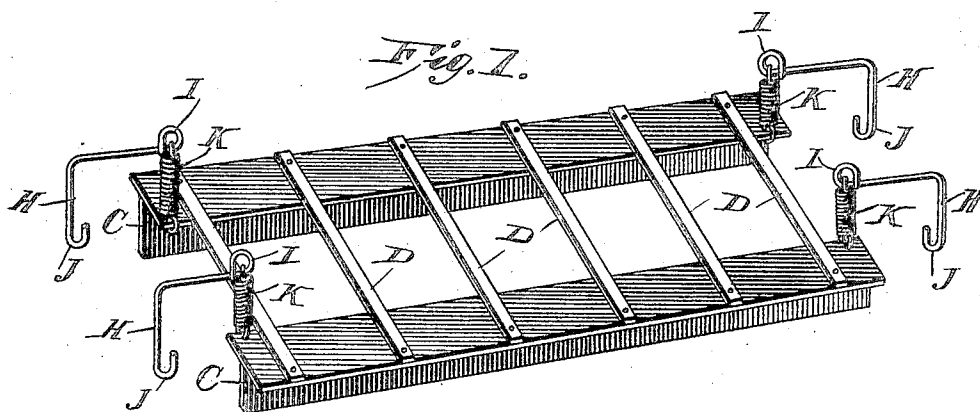


No. 818,046.

PATENTED APR. 17, 1906.

W. A. PERRY.
BED SPRING ATTACHMENT.

APPLICATION FILED AUG. 19, 1905.



WITNESSES:
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UNITED STATES PATENT OFFICE.

WILLIAM AUGUSTUS PERRY, OF CHICAGO, ILLINOIS.

BED-SPRING ATTACHMENT.

No. 818,046.

Specification of Letters Patent.

Patented April 17, 1906.

Application filed August 19, 1905. Serial No. 274,952.

To all whom it may concern:

Be it known that I, WILLIAM AUGUSTUS PERRY, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Bed-Spring Attachments, of which the following is a specification.

The invention relates, more definitely stated, to bed-bottoms constructed of wire or other fabric, and has for its object novel and improved supporting means for the fabric between points of its attachment to the frame of the spring, whereby to obviate sagging tendency of the fabric consequent upon the more or less use of the bed, and especially from its being formed or depressed into a fixed trough by weight of a person accustomed to lying in the center of the bed.

The invention consists of the special construction, arrangement, and combination of parts shown by the accompanying drawings and hereinafter described, the novel features being pointed out in the claims.

In the drawings, Figure 1 is a perspective view of my attachment; and Fig. 2 is a side elevation thereof, showing the attachment applied in place on the spring-frame.

My invention is adapted for use on any common form of fabric bed-spring, but intended more particularly for bed-springs employing frames constructed of angle-iron side and end bars, respectively, A B.

In carrying out my invention I employ two T-iron bars C for arrangement transversely of the frames A A and adapted to fit, extending from one side bar to the other thereof, as illustrated in Fig. 2. The bars C are spacedly arranged and held apart by a series of connecting-straps D, preferably constructed of hoop-iron and having their ends riveted or otherwise secured to the flanges of the bars C.

At the ends of the T-bars C, I arrange hangers consisting of hooks H, adapted for detachable engagement with the side bars A of a bed-spring. It will be noticed that the hooks H have a loop I at their inner ends and that their outer ends are fashioned adapted to rest upon the side bars A extend down the outer side of the bars A and that their ends J are inturned, adapted for holding engagement with the lower flange edge of the side bars A, substantially as illustrated in Fig. 2.

K denotes springs suspended from the inner or looped ends I of the hooks H and hav-

ing their lower ends secured to the adjacent ends of the T-bars C.

A cushion consisting of springs L may be arranged upon the connecting-straps D, substantially as shown in Fig. 2.

The construction of my invention will be understood from the above description when read on the several views of illustration.

In its broad sense I may define my invention as consisting of a yielding supporter constructed of transverse and longitudinal bars forming a suitable frame adapted to be suspended from the side bars of the bed-spring frame.

Obviously the detail means shown and described, whereby the parts are secured together and providing attachment to the bed-spring frame, form necessary parts of the invention.

The utility of my invention resides in a novel support intended for arrangement under the fabric commonly employed in spring bed-bottoms, the same being suitably located between the side and end bars of the bed-spring frame, as will be understood. Its use will effectively support the fabric against sagging action at its side edges and from being bent or stretched into permanent trough shape. It has further usefulness in obviating the rolling-together tendency when the bed is occupied by more than one person, since the whole transverse width of the bed-bottom fabric is reinforced thereby and supported against being depressed into trough shape, wherefrom results the rolling action stated.

From the foregoing it will be clearly seen and readily understood that my invention will afford a strong, durable, simple, and inexpensive attachment or support for bed-springs which can be readily placed in position on the side rails of a bed-spring frame of the ordinary construction or on the side rails of the bed itself in such a manner as to be adapted to support the springs when unduly depressed, so as to maintain the mattress in a horizontal position, and also that it is a separate and distinct part from the springs and can be easily detached from its supporting-frame or moved thereon to the desired position.

By referring to the drawings it will be seen that the straps D are secured at their ends to the flanges of the T-bars at or near the outer edges thereof and that the springs K are secured to the ends of said flanges at or near

their inner edges. This construction and arrangement serves to hold the inner or adjacent edges of the flanges of the T-iron bars, so that the straps D, which, as before stated, are preferably made of hoop-iron, may rest on the flat upper surfaces of said flanges, thus in a manner shortening the straps D or that portion thereof between the bars C, so as to lessen the possibility of the straps D being bent downwardly between said bars.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a bed-spring attachment, the combination of a pair of bars T-shaped in cross-section adapted for transverse arrangement with respect to the bed, of straps holding the bars spacedly and parallel, a series of supporting members consisting of metal pieces constructed L-shaped with one end portion of each thereof bent to form a hook and the other end portion of each thereof formed loop shape, and a series of vertically-disposed coiled springs secured at their lower ends to the inner portions of the ends of said parallel

bars and having their upper ends secured to the looped ends of the supporting members, substantially as described.

2. In a bed-spring attachment, the combination with bars T-shaped in cross-section adapted for transverse arrangement with respect to the bed and presenting their ribs vertically, of straps secured at their ends to the flanges of said bars near the outer edges thereof to hold the bars spacedly and parallel, a series of supporting members adapted to partially embrace the rails of the supporting-frame for the attachment, one end of each of said members bent to form a hook and the other portion thereof formed loop shape, and a series of vertically-disposed coiled springs secured at their lower ends to the inner edges of the ends of said parallel bars and having their upper ends secured to the looped ends of the supporting members, substantially as described.

WILLIAM AUGUSTUS PERRY.

Witnesses:

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JOHN BRIGGS.