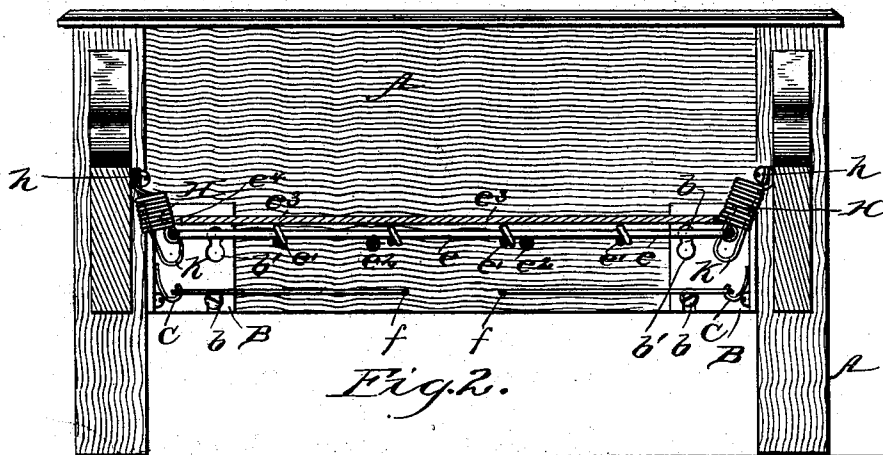
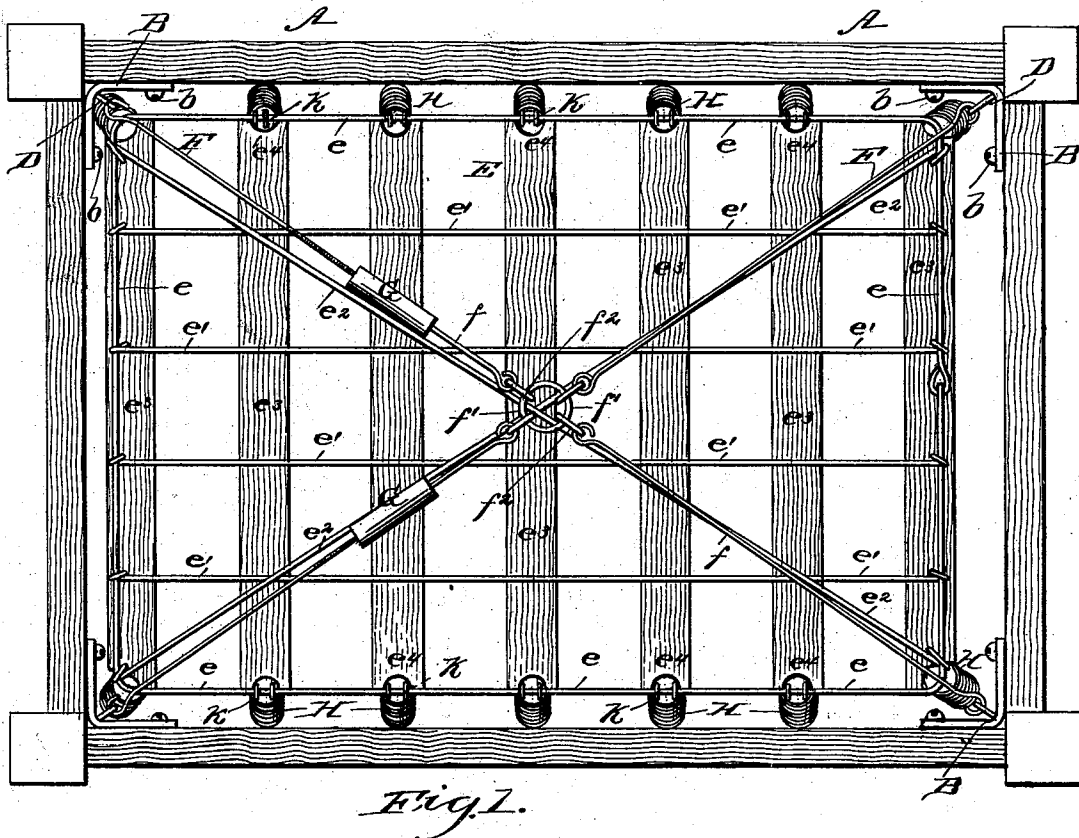


(No Model.)

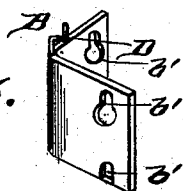
J. W. M. WITT.
BED BOTTOM.

No. 506,962.

Patented Oct. 17, 1893.



WITNESSES:
Fred G. Deterich
H. J. Robinson.



INVENTOR
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UNITED STATES PATENT OFFICE.

JAMES W. M. WITT, OF CEDAR BLUFF, ASSIGNOR OF TWO-THIRDS TO
FRANCIS M. UPTAIN, OF MOUNTAINBOROUGH, AND WILLIAM R.
TEAGUE, OF BOAZ, ALABAMA.

BED-BOTTOM.

SPECIFICATION forming part of Letters Patent No. 506,962, dated October 17, 1893.

Application filed July 10, 1893. Serial No. 480,061. (No model.)

To all whom it may concern:

Be it known that I, JAMES W. M. WITT, of Cedar Bluff, in the county of Cherokee and State of Alabama, have invented a new and useful Improvement in Bed-Bottoms, of which the following is a specification.

This invention relates generally to beds and particularly to an improved mattress support and bedstead brace.

10 The object of my invention is to provide a mattress support which can be easily attached to any bed and one in which the several parts are sufficiently independent of one another to permit their yielding without interfering with the other portions.

15 Another object is to provide an improved brace, and corner stays said stays being employed also in suspending the mattress support.

20 With these objects in view my invention consists in the peculiar construction of the several parts and their novel combination or arrangement all of which will be fully described hereinafter and pointed out in the claims.

25 In the drawings forming a part of this specification, Figure 1 is a bottom plan view. Fig. 2 is a transverse vertical section, and Fig. 3 is a detail view of corner brace.

30 Referring to the drawings A indicates an ordinary bedstead and at each corner of the same is arranged a corner stay iron B, said iron being secured to the bedstead by means of screws *b* and the key hole slots *b'*, and each stay iron is provided with an upper hook C and a lower hook D, the mattress support E being suspended from the upper hooks while the bedstead brace F is connected with the lower hooks. This brace F consists of the
40 brace rods or wires *f*, hooked at each end, the central ring *f'* and the links *f''* hooked at each end and connecting the rods *f* with the ring *f'*. The outer hooked ends of the rods *f* engage the lower hooks D and two of the rods are made in sections and provided
45 with turn buckles or screw swivels G by means of which the brace rods can be drawn tight and the bed frame steadied.

50 The mattress support E consists of a rectangular wire frame *e* strengthened by longitudinal rods *e'* and braced by diagonal rods *e''*. Cross slats *e'''* of wood are arranged upon the frame said slats having openings *e''''* at each end.

The mattress support E is suspended with- 55 in the bed frame by a series of coiled springs H H, the upper ends of the springs being connected to screws *h* screwed into the side rails the lower ends of said springs passing through the openings *e''''* and around the frame *e* thus 60 retaining the slats in their proper positions upon the frame and also suspending said frame. The springs at the corners of the frame are hooked upon the upper hooks of the stay irons. 65

In order to prevent the support springing too far downward I arrange a series of stop hooks K K, said hooks being preferably connected to the same that holds the spring and this hook then rests in said spring. The corner springs are devoid of such safety hook but if necessary they can be added. It will thus be seen that I provide a corner stay which serves three purposes namely that of a stay and supports for the brace rods and 75 mattress springs. It will also be seen that each slat is independent of the other so that one may yield without interfering with the others.

Having thus described my invention, what 80 I claim as new, and desire to secure by Letters Patent, is—

1. In a bed, the corner stays provided with hooks, the brace rods connected therewith, the ring and links and the turn buckles all 85 arranged substantially as shown and described.

2. In a bed, the combination with the corner stays having hooks of the stay rods and mattress support connected therewith, the 90 cross slats and the coiled springs depending from the sides of the bed, supporting the mattress frame and retaining each slat upon said frame substantially as shown and described.

3. In a bed the combination with the bed- 95 stead of the mattress support the coiled springs for suspending the same and the stop hooks for limiting its downward movement substantially as described.

4. In a bed, the combination with the bed- 100

stead of the supporting frame, the slats each having an opening at each end, and the coiled wire springs connected at one end to the frame, and engaging the opening in the slat and at
5 the other end to the bedstead substantially as shown and described.

5. In a bed the combination with the bedstead of the supporting frame, the slats each having openings an opening at each end, the

coiled wire springs for suspending the frame to and retaining the slats upon the frame, and the stop hooks connected also to the bedstead substantially as and for the purpose described.

JAMES W. M. WITT.

Witnesses:

J. GARDNER STONE,
W. W. BRANDON.