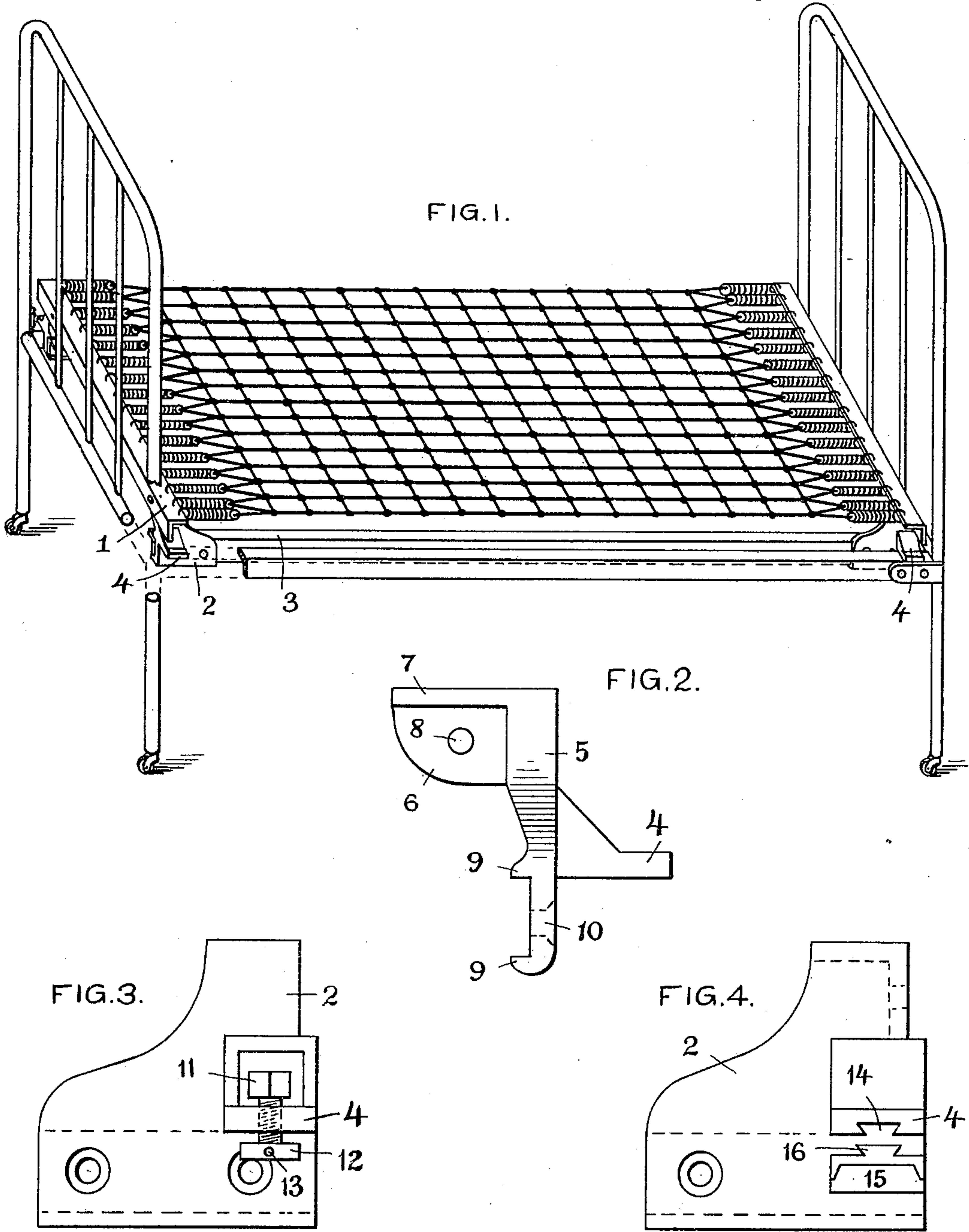


(No Model)

S. SCHLESINGER.  
SPRING MATTRESS.

No. 583,266.

Patented May 25, 1897.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

SIEGFRIED SCHLESINGER, OF NEW YORK, N. Y.

## SPRING-MATTRESS.

SPECIFICATION forming part of Letters Patent No. 583,266, dated May 25, 1897.

Application filed January 2, 1897. Serial No. 617,729. (No model.)

*To all whom it may concern:*

Be it known that I, SIEGFRIED SCHLESINGER, a citizen of the United States, residing at New York, State of New York, have invented  
5 new and useful Improvements in Spring-Mattresses, of which the following is a specification.

My invention has relation to an improved frame for spring-mattresses of that class  
10 wherein vertical coiled springs are dispensed with and generally known as "wire" or "web" spring-mattresses. It is found advantageous in the construction of mattresses of this class to raise the points of spring-support above  
15 the bed-frame, particularly for the greater comfort of any person sitting upon the bed. Hitherto in the accomplishment of this end it has been found necessary to so arrange the mattress as to render it liable to slip on the  
20 bed-frame and thus become the source of frequent annoyance.

It is one object of my invention to provide means whereby the raising of the points of spring-support may be accomplished, while  
25 securing at the same time the greatest possible firmness and preventing movement of the mattress-frame with relation to the bed-frame.

A further object of my invention is the provision of means whereby inequalities or unevenness in the bed-frame, arising either from its own construction or from accidental deficiencies in the floor, may be compensated for with ease and rapidity.

35 Another object of my invention is to provide extra cushioning means whereby the spring action is reinforced and squeaking of mattress-frame against bed-frame prevented.

40 My improved bed-frame is accordingly constructed in the manner illustrated in the accompanying drawings, wherein—

Figure 1 shows a bed provided with one of my improved supports, a portion of the bed-frame being broken away to better reveal said  
45 support. Fig. 2 is an end view of one of my improved supports in its simplest form. Fig. 3 is a view of the offset on one of my supports provided with one form of compensating device; and Fig. 4 is a view of another form of  
50 offset and compensating device, the two being shown separate.

As shown in Fig. 1, the springs or webs of

my improved mattress are fastened to any proper brace, such as the angle-iron 1, sustained at its ends by the supports 2, which  
55 are fastened in turn to the ends of the side rails 3 of the mattress-frame. The mattress-frame and springs are supported upon the bedstead by means of the offset or laterally-projecting lugs 4 on the supports 2, as shown  
60 in Fig. 1. The offset is more clearly shown in Fig. 2, which shows in detail the form of the improved supports 2. These supports comprise a side web 5, a rear web 6, and preferably a top web 7, which last is not, however,  
65 essential to the usefulness of the support.

The function of the rear web 6 is to serve as an abutment for the rail or brace 1, to which it may be fastened by means of bolts  
70 passing through the hole 8.

The side web 5 is provided with the supporting-offset or laterally-projecting lug 4, which should be so placed that the side web projects both above and below the under surface of the offset, as shown. The projection  
75 of the web 5 above the bearing-surface of 4 insures the elevation of the bar or brace 1 above the bed-rail. The projection of the side web 5 below said bearing-surface of 4 insures a bearing for the mattress-frame against  
80 the inside of each bed-rail. Thus the mattress-frame is held firmly between the two sides of the bedstead and is prevented from moving accidentally with relation to the bedstead.  
85

As shown in Fig. 2, ribs 9 are provided to give a firmer bearing to the side rail of the mattress-frame, which may be fastened to the corner-support 2 by bolts passing through  
90 holes 10. (Shown in dotted lines.)

Bedsteads are frequently higher or lower at one end or at one corner than in other parts, and in these cases annoyance is caused by the use of true mattress-frames on such beds.

In order to compensate for inequalities in  
95 level, due either to faults in the bedstead or floor, one of the forms of device shown in Figs. 3 and 4 may be employed. In these figures the offset or laterally-projecting lug 4 is shown, and in Fig. 3 there is illustrated  
100 a screw 11, threaded into an appropriate opening in said offset, as shown in dotted lines, and provided with a bearing-plate 12, fastened to said screw in any desired way, as by



the pin 13. The plate 12 is intended to bear upon the bed-rail and support the weight of the mattress, and the height of the corner can be regulated by turning the screw more or less in its socket. In Fig. 4 the offset or laterally-projecting lug 4 is shown as provided with a dovetail socket 14, which may of course be cut in either direction and not necessarily at right angles to the mattress-rail, as shown.

10 A compensating piece coöperates with this form of offset, the same being composed of a rubber pad 15, provided with a top, preferably of iron, having a dovetail 16, adapted to fit the socket 14. The pads 15 may be made

15 of various thicknesses and may be sold to customers singly or in sets for the purposes named.

These pads being elastic superadd their own resiliency to that of the springs, and provide, moreover, a noiseless bearing upon the bedstead, whereby squeaking is entirely prevented.

What I claim is—

1. The combination of the mattress, the frame for said mattress composed of the end braces and the side rails held together by corner-supports which raise the end braces above the level of the side rails, and a later-

ally-projecting lug on each of said corner-supports, the under bearing-face of which lug is below the level of the end braces, said corner-support having a sufficient portion of its lower length projecting below the lug to form a guide for the mattress-frame, substantially as described.

2. The combination of the mattress, the frame for said mattress composed of the end braces and the side rails held together by corner-supports, a laterally-projecting lug on each corner-support and a removable bearing-piece attached to the under side of said lug, substantially as described.

3. The combination of the mattress, the frame for said mattress composed of the end braces and the side rails held together by corner-supports, a laterally-projecting lug on each corner-support and an adjustable bearing-piece removably attached to the under side of said lug, substantially as described.

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

SIEGFRIED SCHLESINGER.

Witnesses:

J. E. PEARSON,  
M. G. MILLER.