E. W. Maxson,

Spring Bed.

No. 111,362. Patented Jan. 31, 1871.

Fig. 1.

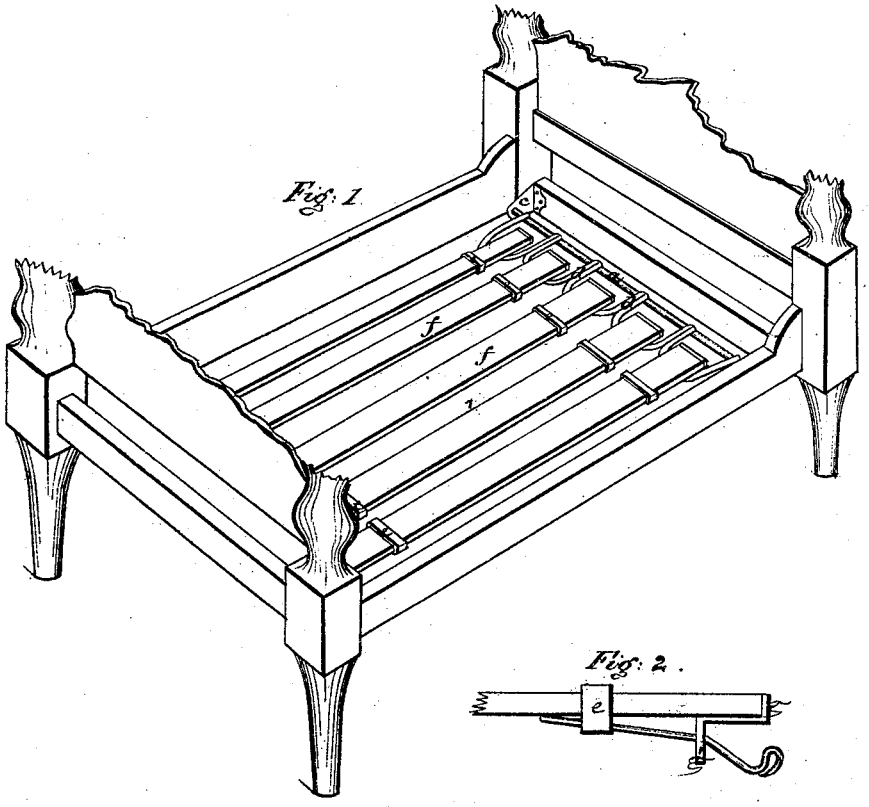
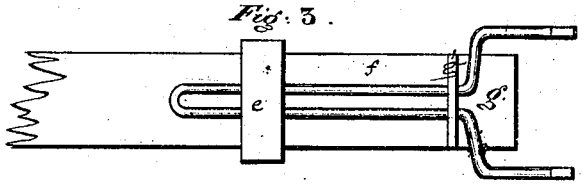


Fig. 2.

Fig. 3.



Witnesses:

D. H. Burns

W. O. Lowell

Inventor:

E. W. Maxson

United States Patent Office.

ERWIN WILLIAMS MAXSON, OF SCRANTON, PENNSYLVANIA.

Letters Patent No. 111,362, dated January 31, 1871.

IMPROVEMENT IN SPRING BED-BOTTOMS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, ERWIN W. MAXSON, of Scranton, in the county of Luzerne and State of Pennsylvania, have invented a new and valuable Improvement in Spring-Beds; and I hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification, and to the letters and figures of reference marked thereon.

This invention consists in the combination of a rod traversing a bedstead transversely near its end; a bifurcated wire, having hooks at the extremities of its forks, which hooks fasten the wire to the aforesaid rod; an elastic band, used for connecting the shank of said wire with the longitudinal bed-slat; and a leather tip secured to the end of the slat, and having a flange through which the wire passes, and by means of which the slat is held in place.

Figure 1 is a bed, fitted to the bedstead, and shows an upper view of the bed, and exhibits the method of fitting it to the bedstead.

a is an iron or steel rod, running through the iron-plates, at each end, and drawn tight by means of a screw-nut on one end of the rod.

c is one of the iron-plates, above named, and is screwed fast to the bedstead.

d is a bent wire, which is hooked over the rod *a* at one end, while the other is secured to the wooden-slat by a rubber band. The shape and method of securing this wire is shown in fig. 3.

e is a rubber band, passing around the slat and securing the wire *d*, as shown in fig. 3.

f f are wooden slats, which may be made elastic, or not, as required.

Figure 2 exhibits a side view of the slat, with attachments.

Figure 3 exhibits a bottom view of the slat, with attachments.

g, fig. 3, is a leather, fastened to end of slat and provided with a flange, *g'*, extending downward from its under side, through which flange the wire *d* passes, and by which the slat is held in place.

The advantages of the above-described bed are its cheapness, durability, and adaptation to weight imposed. By moving the rubber ring nearer the end of the slat, the elasticity is increased, and by moving it the other way, it is diminished.

I claim—

The arrangement of the rod *a*, wire *d*, band *e*, lip *g*, flange *g'*, and slat *f*, as specified.

In testimony that I claim the invention as herein described, I have subscribed my name in the presence of two witnesses this 1st day of November, 1870.

ERWIN WILLIAMS MAXSON.

Witnesses:

J. H. BURNS,

W. O. TOWER.