T. P. Thompson,

Bed Bottom.

No. 65,964. Patented June 18, 1867.

Fig. 4

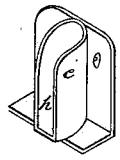


Fig. 1

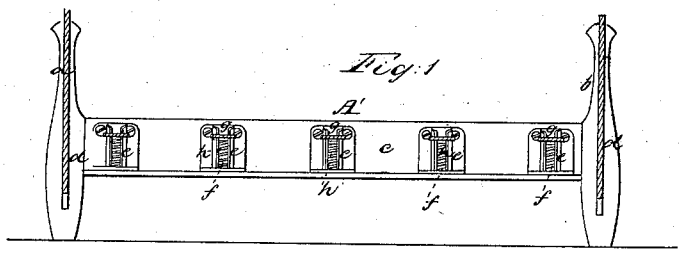


Fig. 2

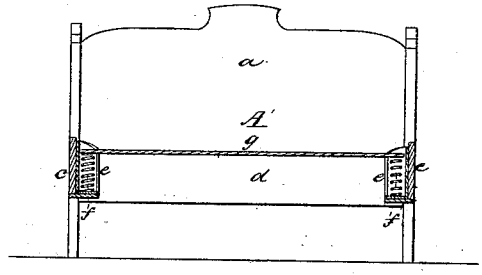
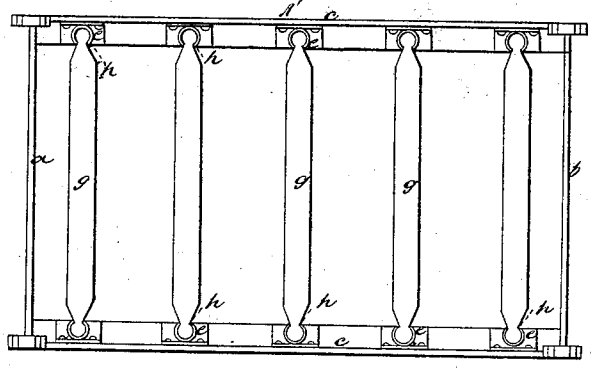


Fig. 3



Witnesses
C. M. Baldwin
Chas. H. Griffin

Inventor
Taylor P. Thompson
by his Attorney
Frederick Curtis

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

United States Patent Office.

TAYLOR P. THOMPSON, OF CHARLESTOWN, MASSACHUSETTS.

Letters Patent No. 65,964, *dated June* 18, 1867.

IMPROVED BED-BOTTOM.

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

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Be it known that I, TAYLOR P. THOMPSON, of Charlestown, in the county of Middlesex, and State of Massachusetts, have invented a new useful Improvement in Spring-Bed Bottoms; and do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, in which—

Figure 1 is a longitudinal section, and

Figure 2 a transverse section of bedstead provided with my invention.

Figure 3 is a top view of the same.

Figure 4 is a representation of one of the spring-sockets, to be hereinafter described.

This invention is an improvement in that class of spring-bed bottoms in which a series of wooden slats is employed for supporting the bed, the object of this invention being to produce a simple, durable, and efficient bed-bottom. It consists in combining with the slats a series of metallic slotted sockets secured to the rails of the bedstead, and containing a coiled spring, upon the top of which the end of the slat rests, in manner and for the purpose as hereinafter described.

In the drawings above referred to as illustrating my invention, the bedstead is shown at A′ as composed of the usual head and foot-boards *a b* and side and end rails *c c* and *d d*. A series of metallic sockets, *e e e e*, etc., is secured to the inside of the rails *c c*, a spiral spring, *f*, being applied within each socket and resting upon its bottom, the upper end of the spring extending nearly to the top of the socket. The wooden slats are shown at *g g g*, etc., as having their ends formed with a head or rounded projection to extend into the tops of the sockets, a slot, *h*, being formed in the inner face of each socket to allow of the vertical movements of the slat.

In a bed-bottom constructed as above described I gain the benefit of the elasticity both of the slats and of the spiral springs. The metallic sockets serve to support the ends of the slats and the springs, and while allowing free vertical movements of the slats, they guide and sustain the springs, and prevent them from being crippled or misplaced. Should any of the springs become "set" while exposed to the weight of the occupant of the bed, they may be changed to other portions of the bed, and their places supplied with the springs removed therefrom and which have not been subject to such strain. The slats and sockets may be applied with equal ease to the end rails of the bedstead, although more beneficial results are obtained by the disposition shown in the drawings.

I would remark that a portion of the slats and their sockets may, if desirable, be applied to a movable frame hinged to the side rail, and so as to be elevated into an inclined position, for supporting an invalid or sick person. I would also remark that the springs *f f*, etc., may be supported by means of a stud or pin, in place of the socket, a hole being made in the end of the slat for reception of the pin.

A spring-bed bottom, made as described, is strong, durable, and efficient, and can be produced at small cost, and will, I believe, be of public benefit and utility.

I claim the combination, with the slotted cylindrical sockets and springs contained within the same, the slats having heads or knobs on their ends, fitting into the said sockets under the arrangement described, so that, while the said slats are capable of a free vertical play, their heads shall at all times be held within the said sockets, as specified.

TAYLOR P. THOMPSON.

Witnesses:

C. W. BALDWIN,

FREDERICK CURTIS.