H. N. Hemingway,

Bed Spring,

No. 84,824, Patented Dec. 8, 1868.

Fig. 1

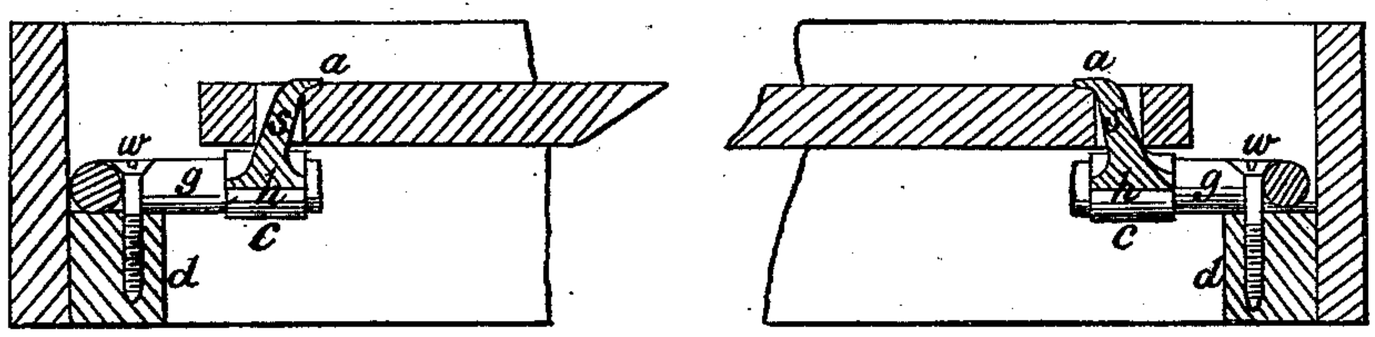


Fig. 2.

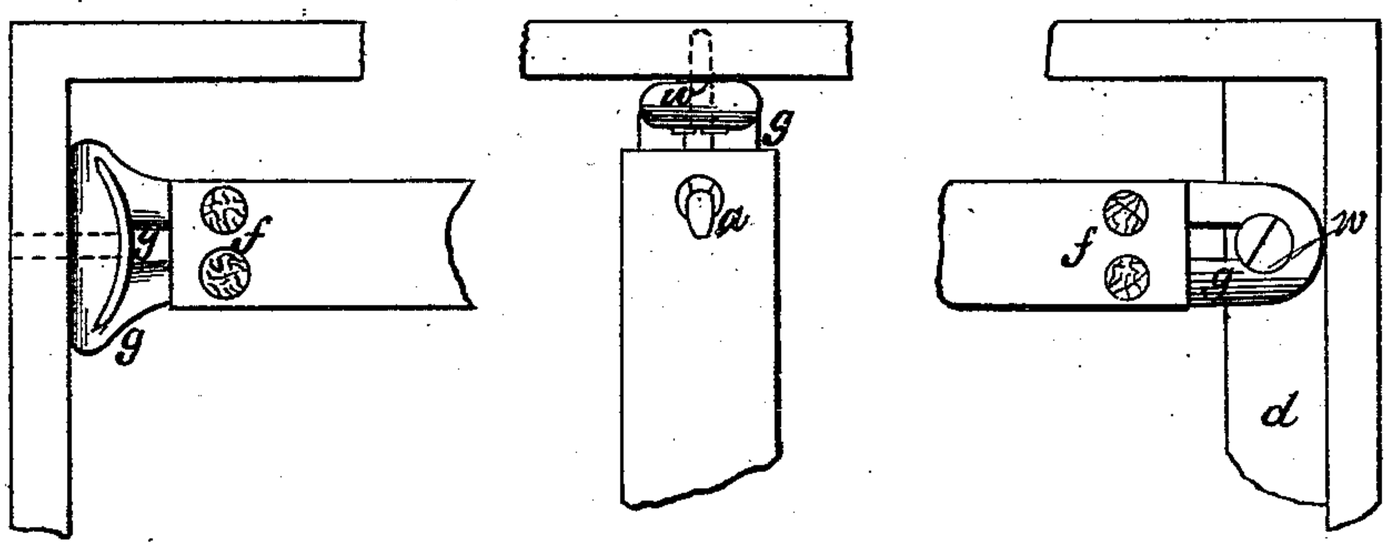
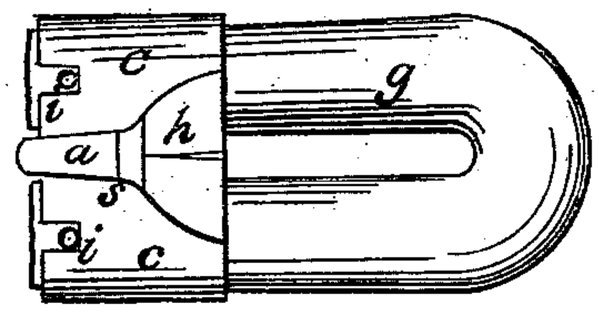


Fig. 3.



Witnesses.

Wm. Loughborough

C. McQuinby

Inventor.

H. N. Hemingway

United States Patent Office.

H. N. HEMINGWAY, OF ROCHESTER, NEW YORK.

Letters Patent No. 84,824, *dated December* 8, 1868.

IMPROVED BED-SPRING.

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, H. N. HEMINGWAY, of Rochester, in the county of Monroe, and State of New York, have invented a new and useful "Bed-Spring;" and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a vertical section of my invention.

Figure 2 is a top view, showing different ways of attaching the elastic coupling to the bedstead.

Figure 3 is a detached view of one of the metallic holders, *h*, and its elastic loop, *g*.

This invention consists of an improved article of manufacture, constituting a bed-spring, and is composed of a metallic holder, to be attached to the ordinary slats of bedsteads, and an elastic loop with which to suspend the slats.

To enable others to make and use my invention, I will describe its construction.

I provide a metallic holder, *h*, having double open sockets, *c*, figs. 1 and 3, and a projecting shank, *s*, from the upper side, with a lip, *a*.

The elastic loop *g* is made considerably larger than the opening through the holder *h*, and in pieces long enough to make several loops. One end is then made small enough to be passed through one of the sockets *c*. The strip of rubber is then stretched, which reduces its diameter, and allows it to be drawn through the socket freely, until the other end is within one-eighth of an inch, more or less, of the edge of the socket. The small end is then returned through the other socket, until the desired length of loop is formed, and the piece cut off.

It may be necessary to pin the loops in the sockets, which may be done by forming a slot, *i*, fig. 3, in the case, and driving a small nail through the rubber.

The elastic loops may be made flat, with or without an eyelet, square or polygonal, and the socket or sockets of corresponding shape.

These spring-suspenders may be applied to any of the ordinary slat-bedsteads, by cutting the slats about one and one-half inch shorter, and boring a small hole near the end, to receive the shank *s*, and inserting any suitable screw or pin, *w*, in the frame, to receive the loop.

The screws may be inserted in the vertical face of the frame, or in the upper face of the ledge *d*.

It might be desirable to use a T-shaped screw, as shown at *y*, fig. 2.

The loops might be inserted in holes made through the ends of the slats, as shown at *f*, fig. 2; but, if so made, the slats could not be inverted when they should get sprung down, as they are liable to, more or less; and, besides, it would then be impracticable to provide the springs as an article of manufacture.

One or more cross-slats may be used, if desired.

The slats may be suspended by a rubber link, and an ordinary or a T-headed screw inserted in the frame, and one in the under side of the slat.

What I claim as my invention, and desire to secure by Letters Patent, is—

The metallic holder *h*, having double open sockets, *c*, (for holding the ends of the elastic loops *g*,) and a projecting shank, *s*, with a lip, *a*, when constructed substantially as herein set forth, for the purpose specified.

H. N. HEMINGWAY.

Witnesses:

WM. S. LOUGHBOROUGH,

WM. C. QUIMBY.