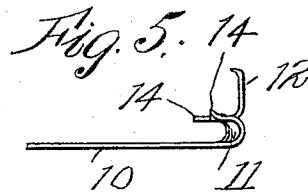
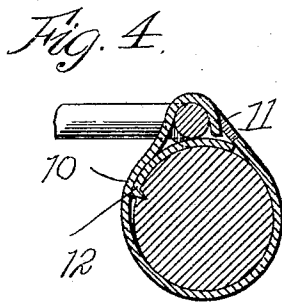
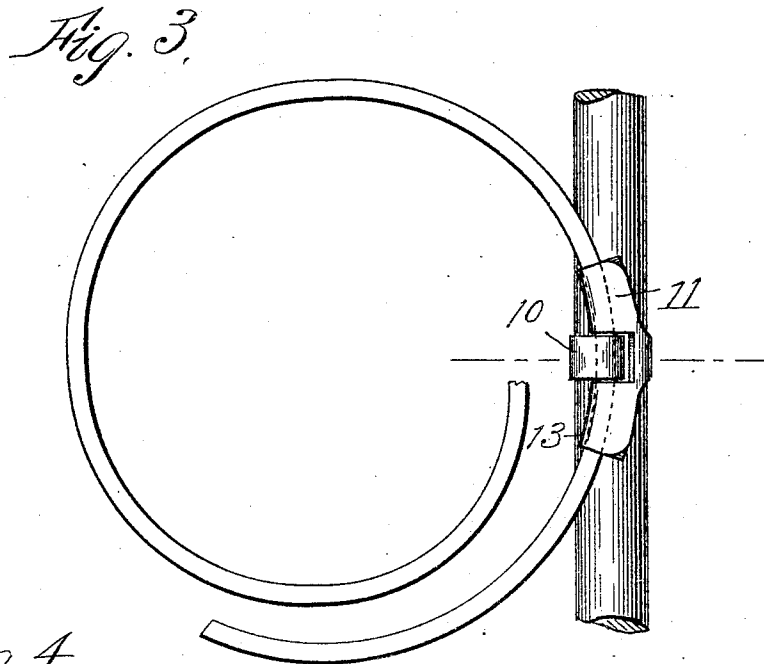
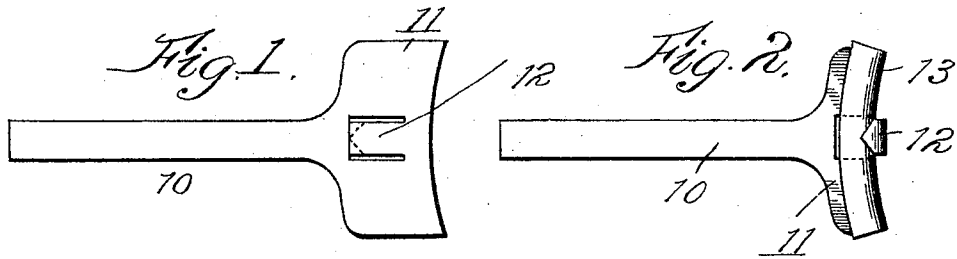


F. BOWEN.
FASTENER FOR SPRINGS.
APPLICATION FILED MAR. 11, 1909.

941,754.

Patented Nov. 30, 1909.



Witnesses:
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UNITED STATES PATENT OFFICE.

FREDERICK BOWEN, OF NEW YORK, N. Y.

FASTENER FOR SPRINGS.

941,754.

Specification of Letters Patent.

Patented Nov. 30, 1909.

Application filed March 11, 1909. Serial No. 482,699.

To all whom it may concern:

Be it known that I, FREDERICK BOWEN, a citizen of the United States, and a resident of the borough of Manhattan, city, county, and State of New York, have invented certain new and useful Improvements in Fasteners for Springs, of which the following is a specification.

My invention relates to fasteners for springs, and is more particularly concerned with a novel device for securing upholstery springs in place, although the invention is not limited to its use in such articles.

The principal object of my invention is to provide a fastener which, when secured to the strip forming a portion of the frame work, will remain substantially rigid thereon, and will grip a portion of the spring and prevent relative motion between such portion of the spring and the strip forming the portion of the frame work.

Other objects and advantages of my invention will be apparent from the detailed description of an embodiment of the same, which is shown in the accompanying drawings forming a part of this specification.

In said drawings, Figure 1 is a top view of the blank from which the fastener is formed. Fig. 2 is a similar view of the same when completed. Fig. 3 is a bottom view of a portion of a spring secured in place on a strip by my improved fastener. Fig. 4 is a sectional elevation of the same on the line IV—IV of Fig. 3, and Fig. 5 is a detail elevation or side view of the fastener before it has been secured on the strip.

Referring now more specifically to said drawings, it will be seen that the metal blank is stamped out with a finger 10, and a body portion 11. A tongue 12 is stamped out of the body portion, leaving a space which is wide enough to receive the end of the finger 10. The body portion 11 is subsequently turned up and over along the line 13 of Fig. 2 and the tongue 12 bent up substantially on its line of connection with the body portion 11. The body portion 11 with the bend referred to forms a seat which conforms in curvature with the spring to be retained, and the top and bottom of this

seat are substantially parallel, and at such a distance from each other that the portion of the spring which is to be retained fits snugly so that any rocking motion is effectually prevented. The corners 14 of the body portion may be slightly turned up, as indicated in Fig. 5, and the end of the tongue 12 is preferably turned in, so that these parts can be pressed into the strip which is of wood, and thus aid in preventing relative movement between the fastener and the strip.

In the use of the spring fastener, the upper portion of the seat and the tongue 12 are placed against the strip, and the portion of the spring to be secured is inserted in the seat. The fastener is then in the form shown in Figs. 2 and 5. The finger 10 is then bent completely around the strip and the end of it passed into the perforation left in stamping out the tongue 12. In this way the seat is closed firmly upon the spring and the finger assists the tongue 12 in gripping the strip.

What I claim is:

1. A fastener for springs comprising a body portion forming a seat adapted to snugly hold a portion of the spring to be secured, a tongue struck out from said body portion and adapted to cooperate therewith in engaging the strip to which the spring is to be fastened, and a finger integral with said body portion adapted to encircle the strip and inclose the tongue.

2. A fastener for springs comprising a body portion bent and curved into a seat for the spring to be retained, and adapted to prevent rocking motion of the spring relatively thereto, a tongue struck out from said body portion and cooperating with the body portion to engage the strip to which the spring is to be secured, and a finger integral with said body portion adapted to encircle the strip outside of said tongue, and have its end passed into the perforation formed in striking out the tongue.

3. A fastener for springs comprising a body portion forming a seat adapted to receive and retain the spring against rocking motion therein, a tongue struck out from

said body portion, the corners of said body portion and the end of said tongue being turned inward to form gripping corners for preventing the fastener from slipping on the strip, and a finger integral with said body
5 portion adapted to be passed around the strip outside of said tongue and pass into the

perforation left in the body portion in striking out the tongue.

FREDERICK BOWEN.

Witnesses:

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