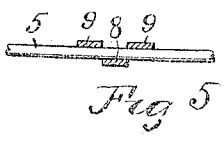
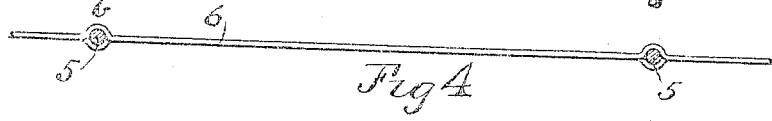
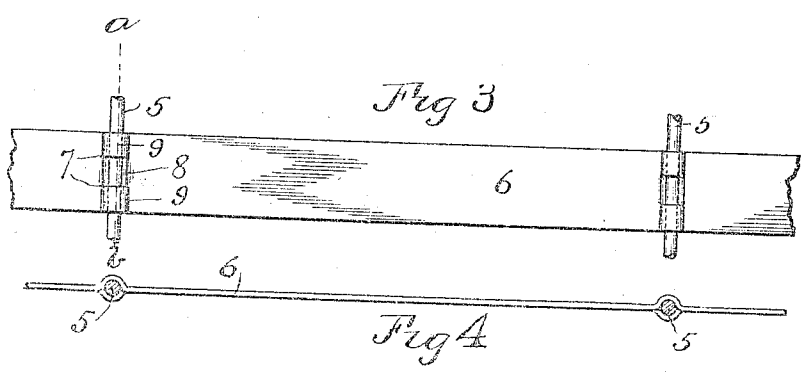
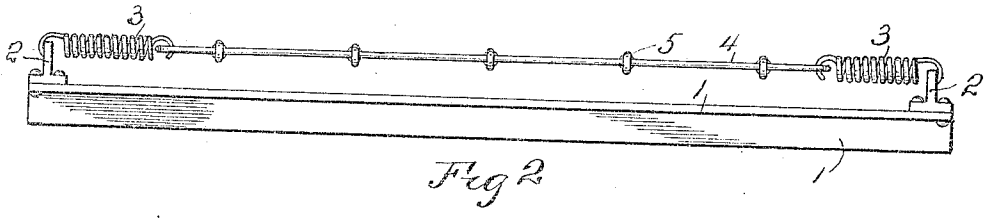
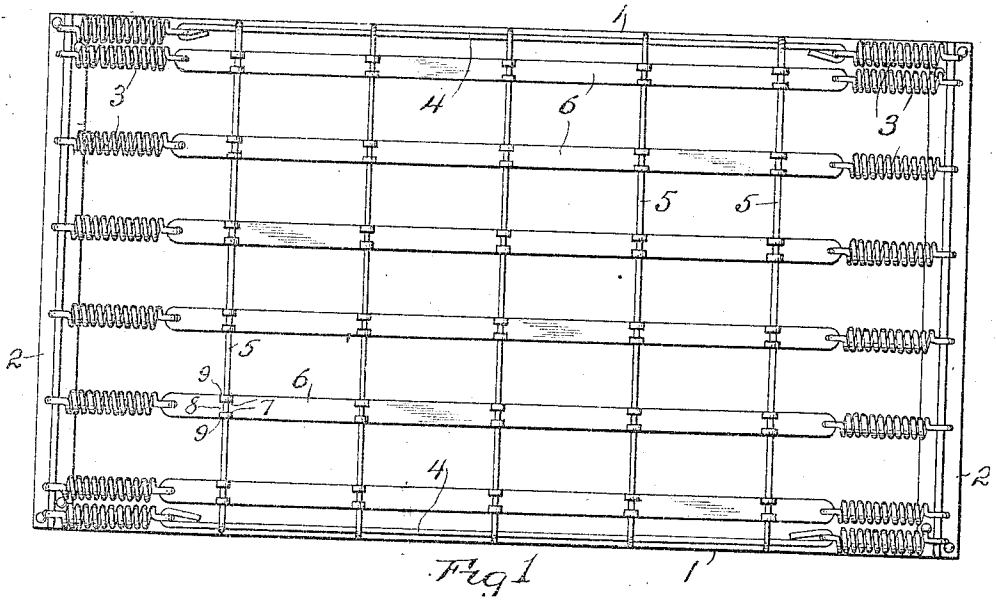


E. V. BAIR.
 SPRING BED BOTTOM.
 APPLICATION FILED APR. 5, 1909.

964,480.

Patented July 19, 1910.



WITNESSES:
R. Hamilton.
E. B. House

INVENTOR.
Erasmus V. Bair
 BY
Warren O. House
 His ATTORNEY.

UNITED STATES PATENT OFFICE.

ERASMUS V. BAIR, OF KANSAS CITY, KANSAS.

SPRING BED-BOTTOM.

964,480.

Specification of Letters Patent.

Patented July 19, 1910.

Application filed April 5, 1909. Serial No. 488,010.

To all whom it may concern:

Be it known that I, ERASMUS V. BAIR, a citizen of the United States, residing at Kansas City, in the county of Wyandotte and State of Kansas, have invented certain new and useful Improvements in Spring Bed-Bottoms, of which the following is a specification.

My invention relates to improvements in spring bed bottoms.

The object of my invention is to provide a bed bottom which is strong and durable, which will provide a good mattress surface, and can be cheaply manufactured.

The novel features of my invention are hereinafter fully described and claimed.

In the accompanying drawings illustrating my invention—Figure 1 is a plan view. Fig. 2 is a side elevation. Fig. 3 is an enlarged fragmentary plan view. Fig. 4 is a side elevation of what is shown in Fig. 3. Fig. 5 is a cross section taken on the dotted line *a-b* of Fig. 3.

Similar characters of reference denote similar parts.

In its preferred form the bed bottom frame comprises two T shaped side bars upon which are secured two transverse inverted T bars which form the ends of the frame.

The longitudinal members have secured to their ends two sets of coil springs 3 which are disposed horizontally and have their outer ends respectively secured to the end bars 2. Preferably, the two outer longitudinal members 4 are of wire, and have secured to them the ends of the transverse members 5 which are also preferably of wire. The intermediate longitudinal members 6 are provided with eyes at the points of intersection with the transverse members 5, through which said transverse members extend. Preferably, the longitudinal members 6 are in the form of sheet metal strips. Each eye is preferably formed by making in the metal strip two longitudinal slits 7 and raising the metal in opposite directions at each side of each slit. Thus the portion denoted by 8 in Fig. 3, which is located intermediate the slits 7, is raised in one direction, while the two portions 9 at opposite sides of the portion 8, are raised in the opposite direction.

The transverse members 5 being straight, as shown, in constructing the bed bottom as many longitudinal members 6 as may be

desired may be slipped on the members 5. In like manner the members 4 being straight and passing through eyes in the ends of the cross members 5, as many transverse members 5 may be slipped on the outer members 4 as may be required to obtain the proper strength.

Modifications of my invention, within the scope of the appended claims, may be made without departing from its spirit.

Having thus described my invention, what I claim and desire to secure by Letters Patent is:—

1. In a bed bottom, the combination with the frame, of crossed longitudinal and transverse members, the longitudinal members comprising strips of sheet metal provided at the points of intersection with the transverse members with eyes through which the transverse members extend, each eye being formed by longitudinally slitting the metal and raising the metal in opposite directions at opposite sides of the slit, and two sets of coil springs secured to opposite ends respectively of the sheet metal strips and to the adjacent ends of the frame.

2. In a bed bottom, the combination with the frame, of crossed longitudinal and transverse members, the longitudinal members comprising strips of sheet metal provided at the points of intersection with the transverse members with eyes through which the transverse members extend, each eye being formed by making two longitudinal slits, the metal at opposite sides of each slit being raised in opposite directions, and two sets of coil springs secured to opposite ends respectively of the sheet metal strips and to the adjacent ends of the frame.

3. In a bed bottom, a frame, two outer longitudinal members having straight portions intermediate their ends, intermediate longitudinal members having each a plurality of eyes, transverse members having eyes at opposite ends through which extend the straight portions of the outer longitudinal members, the transverse members having straight portions intermediate their eyes extending through the eyes of the intermediate longitudinal members, and two sets of coil springs secured respectively to opposite ends of the longitudinal members and to the adjacent ends of the frame.

4. In a bed bottom, a frame, longitudinal members comprising two straight wires and

a plurality of intermediate flat strips having eyes, straight transverse wires extending through said eyes and having at their ends eyes through which the longitudinal wires extend, and coil springs secured to opposite ends of the frame and to the adjacent ends of the longitudinal members.

In testimony whereof I have signed my name to this specification in presence of two subscribing witnesses.

ERASMUS V. BAIR.

Witnesses:

E. B. HOUSE,
J. C. IRWIN.