

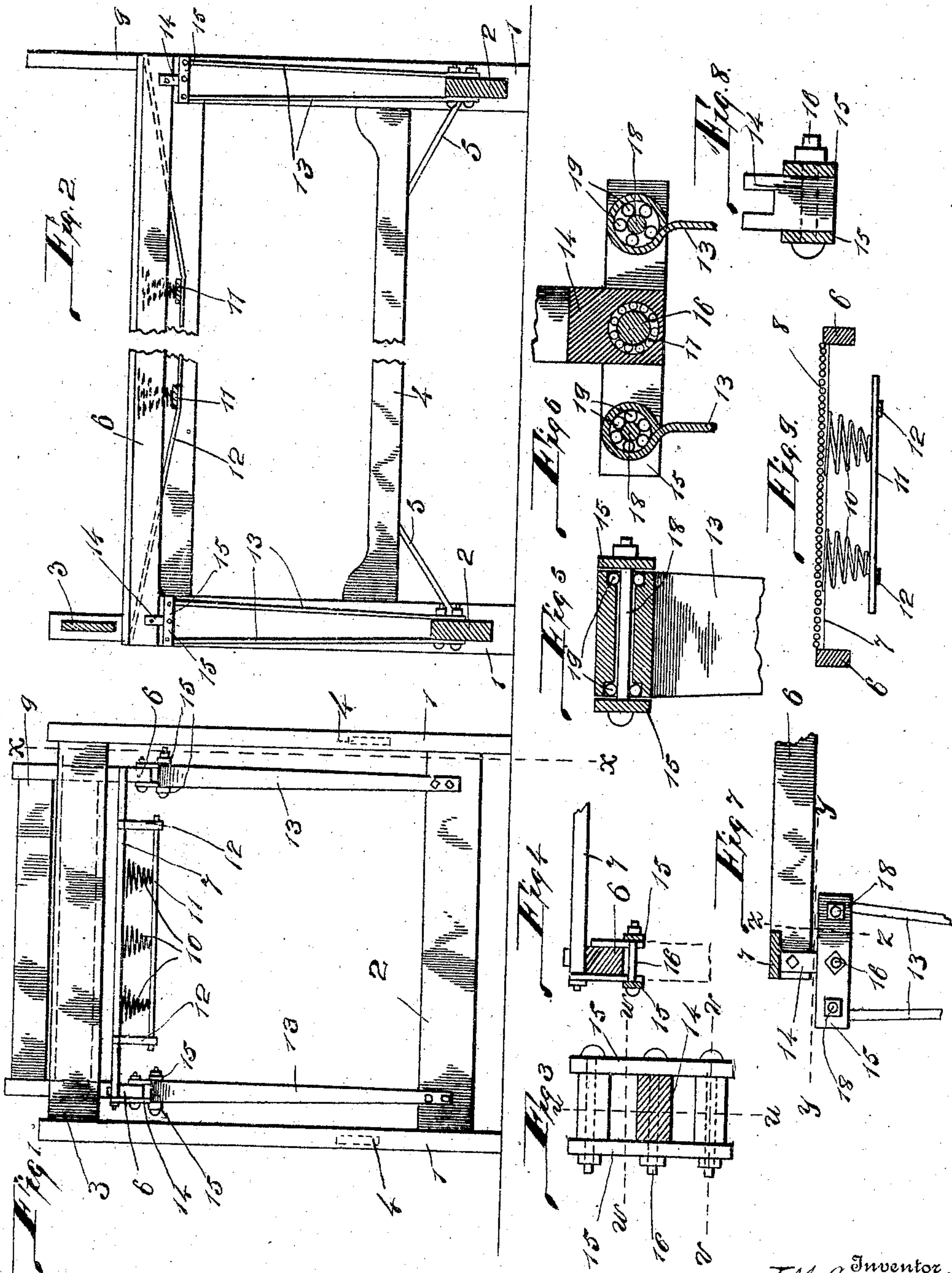
No. 850,522.

PATENTED APR. 16, 1907.

J. M. COHRON.

SPRING BED.

APPLICATION FILED FEB. 23, 1907.



Witnesses
R. L. Horsley
B. J. Lowinski

Inventor,
J. M. Cohron,
By A. L. Jackson,
Attorney

UNITED STATES PATENT OFFICE.

JOHN M. COHRON, OF FORT WORTH, TEXAS.

SPRING-BED.

No. 850,522.

Specification of Letters Patent.

Patented April 16, 1907.

Application filed February 23, 1907. Serial No. 358,842.

To all whom it may concern:

Be it known that I, JOHN M. COHRON, a citizen of the United States, residing at Fort Worth, in the county of Tarrant and State of Texas, have invented certain new and useful Improvements in Spring-Beds, of which the following is a specification.

My invention relates to beds, and more particularly to spring-beds, and the object is to provide beds with springs which will permit the usual vertical yielding and which will permit longitudinal swinging motion of the bed, the bed being supported on springs.

Other objects and advantages will be fully explained in the following description, and the invention will be more particularly pointed out in the claims.

Reference is had to the accompanying drawings, which form a part of this application and specification.

Figure 1 is an end elevation of the bed. Fig. 2 is a longitudinal vertical section of the bed, taken along the line *xx* of Fig. 1. Fig. 3 is a horizontal section along the line *yy* of Fig. 7. Fig. 4 is a broken vertical section along the line *zz* of Fig. 7. Fig. 5 is a vertical section along the line *vv* of Fig. 3. Fig. 6 is a vertical section along the line *uu* of Fig. 3. Fig. 7 is a side elevation of the devices which connect the supporting-springs to one corner of the bed. Fig. 8 is a vertical section along the line *ww* of Fig. 3. Fig. 9 is a cross-section of the bed.

Similar characters of reference are used to indicate the same parts throughout the several views.

The improved bed has upright posts 1 at each corner of the bed. End beams 2 connect or hold the posts 1 rigidly at the bottom, and a footboard 3 at the foot of the bed holds the posts 1 at the foot of the bed rigidly at the top. The side boards 4 complete the rectangular frame at the bottom. The boards 4 are provided with braces 5. There is no headboard for the posts 1 at the head of the bed. The space between the posts 1 at the head is left open for the movement of the bed, which is suspended on spring-supports hereinafter described.

The bed has a rectangular frame consisting of side bars 6 and end pieces 7. Springs 8 are attached to frame-pieces 6 and 7 to form a support for a mattress. The headboard 9 is carried by the frame composed of the frame-pieces 6 and 7. The springs 8 are reinforced by upright spiral springs 10, which

rest on bars 11, and the bars 11 are supported on springs 12, which extend the whole length of the bed and are attached to the cross-pieces 7. The springs 8 will be called the "bed-springs," the springs 10 will be called "upright reinforcing-springs," and the springs 12 will be called "longitudinal reinforcing-springs." These springs, with the frame composed of parts 6 and 7, will be called the "bed proper" in this specification and in the claims. The bed is suspended on upright spring-supports 13, which have a pivotal connection at each corner of the bed by means of the connections consisting of the castings 14, which are bolted rigidly to the side pieces 6, and the bars 15, which are pivotally engaged by the supports 13 and by the castings 14. The castings 14 are connected to the bars 15 by bolts 16, which are provided with ball-bearings 17. The bars 15 are pivotally connected with the supports 13 by bolts 18, which are provided with ball-bearings 19. The spring-supports 13 are bolted to the cross-beams 2.

It is seen that the bed is supported on spring-supports and that the bed has the usual springs and is reinforced by additional springs. The bed thus has vertically and longitudinally yielding motion permitted by the springs. The bed can move between the posts at the head and at the foot of the bed.

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A spring-bed having a frame provided with cross-beams at the lower part, a bed-bottom composed of a spring-frame and springs attached to said frame, spring-supports for said bed-bottom attached to said cross-beams, and pivotal connection at each corner of said bed-bottom for connecting said supports to the corners of said bed consisting of bars pivotally connected to said supports and castings bolted to the corners of said bed-bottom and pivotally connected to said bars.

2. A spring-bed having a frame provided with cross-beams at the lower part thereof, a spring-frame, woven-wire springs attached to said spring-frame, spiral springs reinforcing said woven-wire springs, longitudinal springs attached to said spring-frame and supporting said spiral springs, spring-supports attached to said cross-beams, and pivotal connections for connecting each corner of said bed to said supports consisting of castings rigidly at-

tached to the corners of said bed and bars pivotally connected to said supports and pivotally connected to said castings.

3. A spring-bed having a frame provided
5 with cross-beams at the lower part and a footboard at upper part thereof, a spring-frame carrying a headboard, woven-wire springs attached to said spring-frame, spiral springs reinforcing said woven-wire springs, longitu-
10 dinal springs carrying bars to support said spiral springs attached to said spring-frame, spring-supports attached to said cross-beams, and pivotal connection of each corner of said

bed with said supports consisting of castings rigidly attached to said bed, bars, bolts provided with ball-bearings connecting said bars to said supports, and bolts provided with ball-bearings connecting said castings with said bars. 15

In testimony whereof I set my hand, in the presence of two witnesses, this 16th day of February, 1907. 20

JOHN M. COHRON.

Witnesses:

A. L. JACKSON,

B. J. LORKONSKI.