

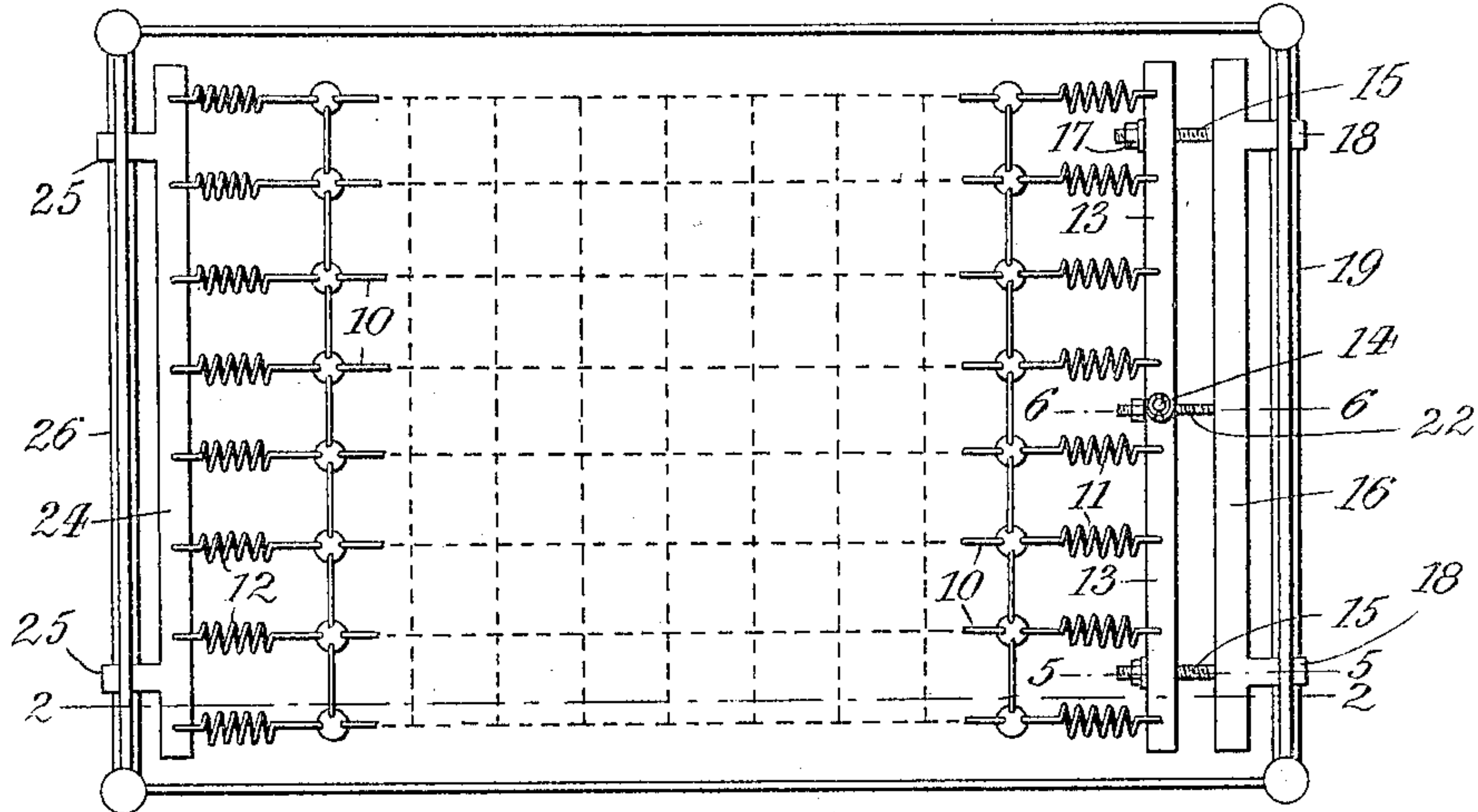
No. 822,443.

PATENTED JUNE 5, 1906.

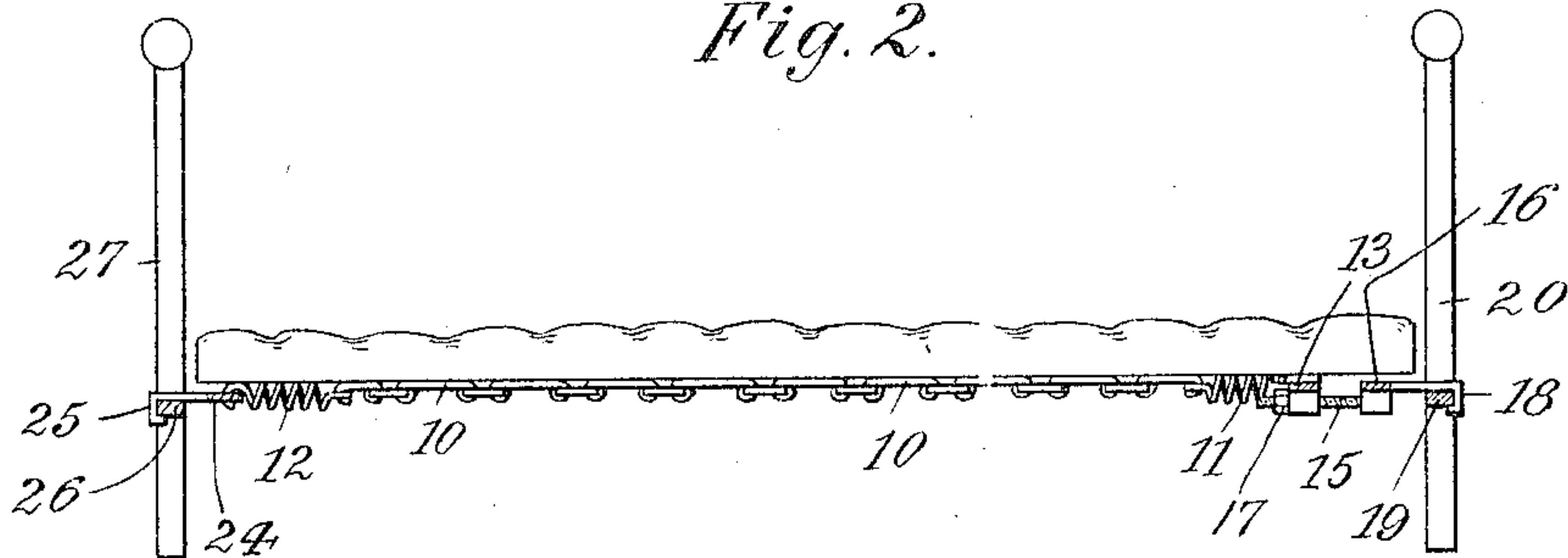
I. GROSSMAN.  
BED BOTTOM.

APPLICATION FILED MAR. 19, 1906.

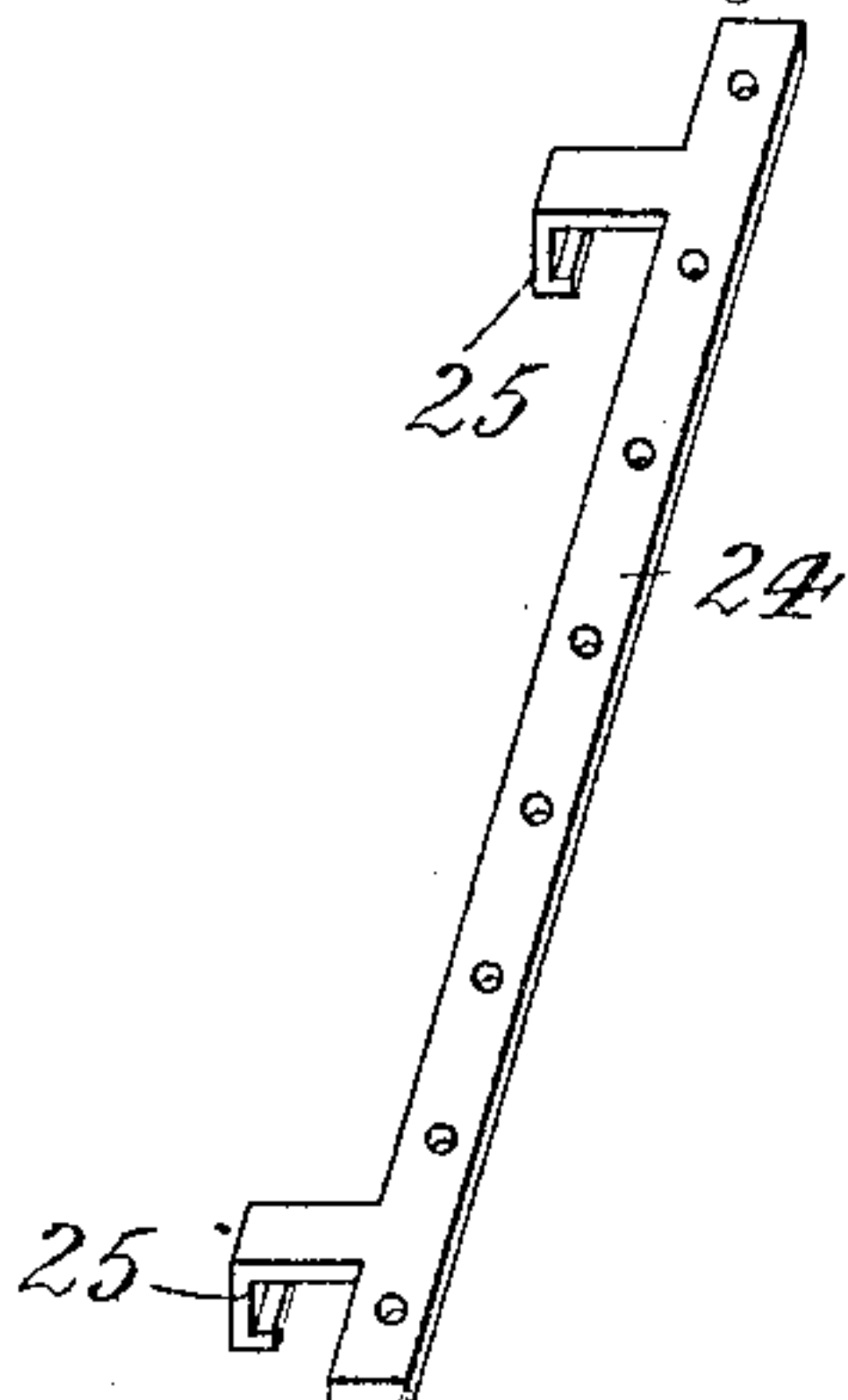
*Fig. 1.*



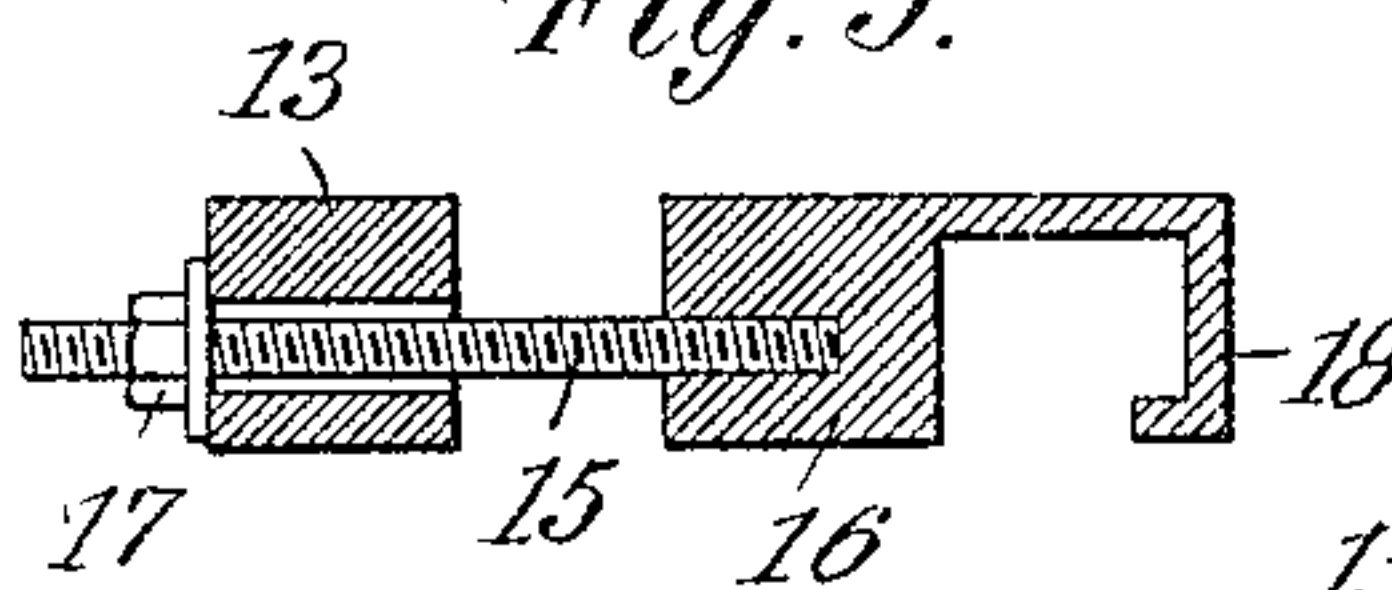
*Fig. 2.*



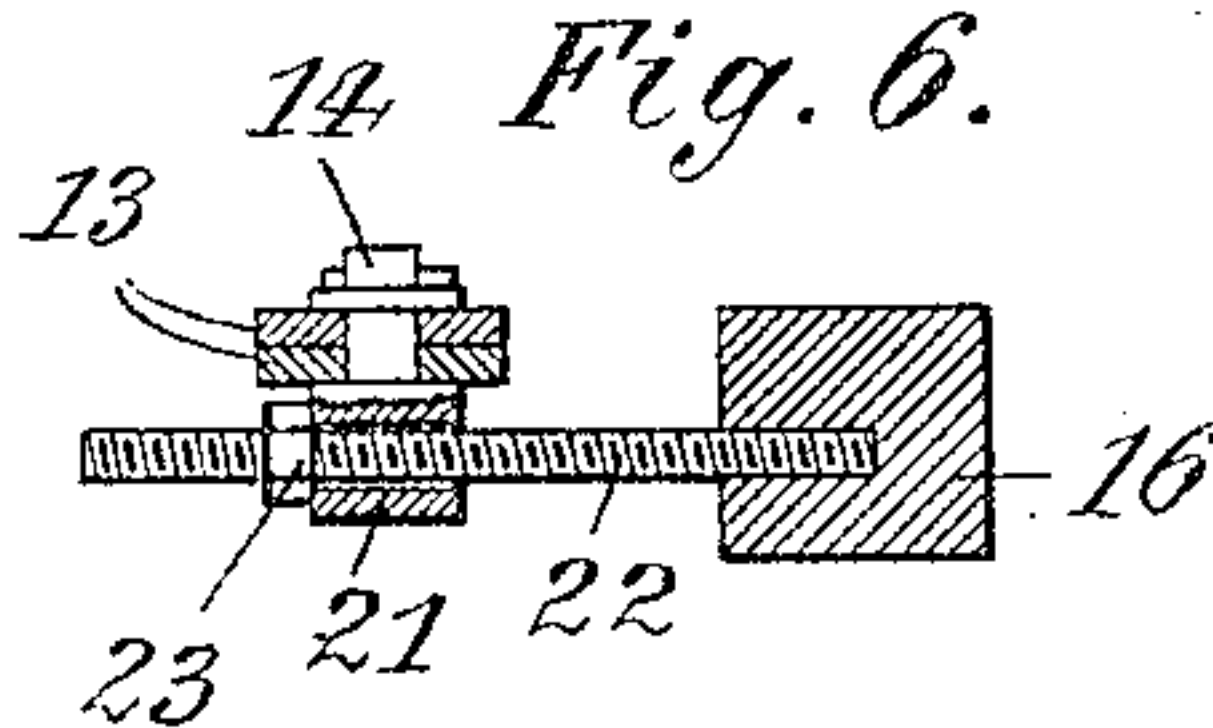
*Fig. 3.*



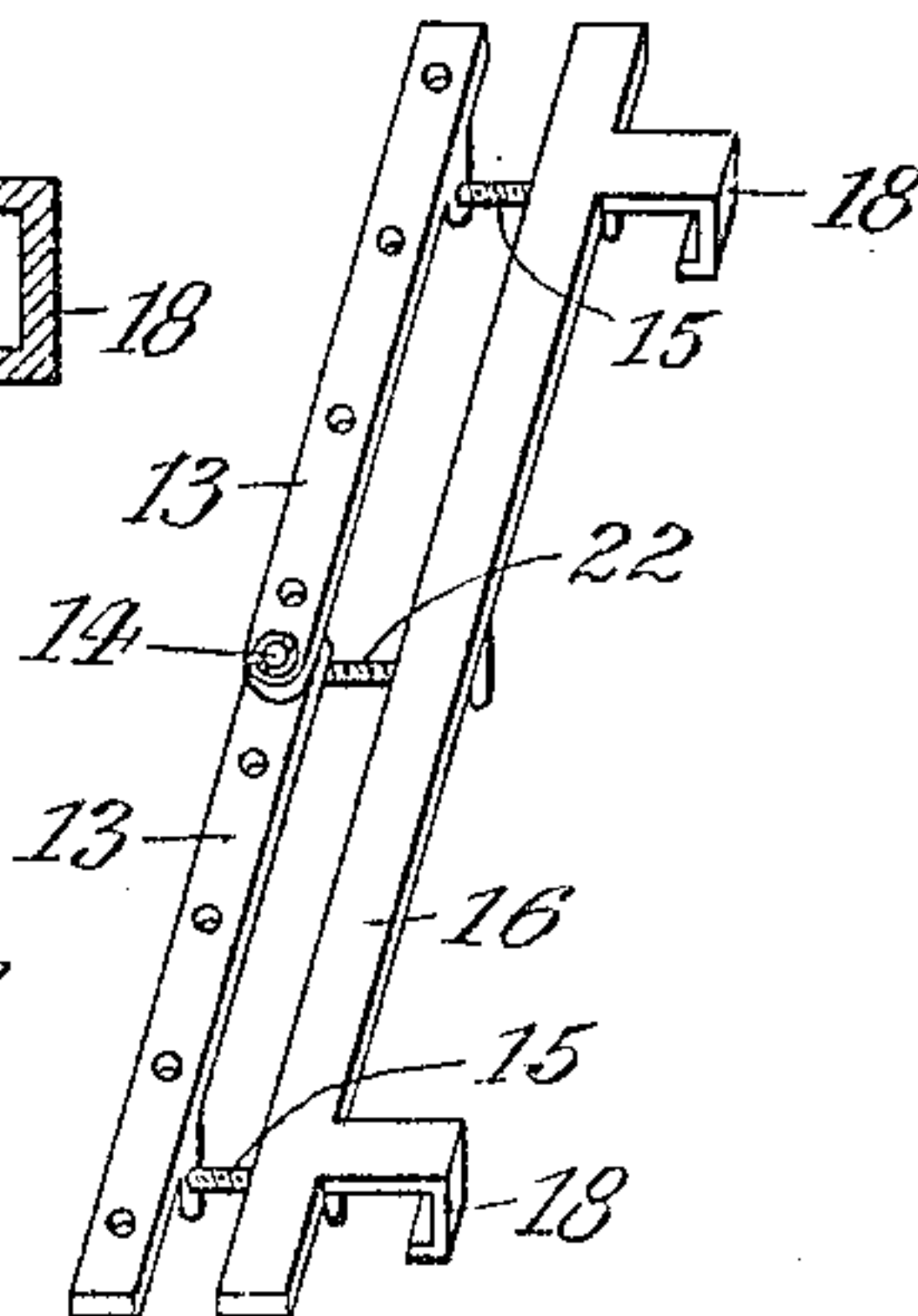
*Fig. 5.*



*Fig. 6.*



*Fig. 4.*



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# UNITED STATES PATENT OFFICE.

IGNATZ GROSSMAN, OF NEW YORK, N. Y.

## BED-BOTTOM.

No. 822,443.

Specification of Letters Patent.

Patented June 5, 1906.

Application filed March 19, 1906. Serial No. 306,741.

*To all whom it may concern:*

Be it known that I, IGNATZ GROSSMAN, a citizen of the United States, residing at New York city, Manhattan, county and State of New York, have invented new and useful Improvements in Bed-Bottoms, of which the following is a specification.

This invention relates to a bed-bottom which is provided with novel means for regulating the tension of the springs and may be set to bedsteads of different lengths.

In the accompanying drawings, Figure 1 is a plan of my improved bed-bottom, showing it applied to a bedstead. Fig. 2 is a longitudinal section on line 2 2, Fig. 1; Fig. 3, a detail of the foot-piece; Fig. 4, a detail of the head-piece; Fig. 5, an enlarged cross-section on line 5 5, Fig. 1; and Fig. 6, a similar section on line 6 6, Fig. 1.

The body of the bed-bottom is composed of linked wires 10 and end springs 11 12. The head-springs 11 are secured at their outer ends to a jointed rail composed of two sections 13 13, connected at the center by an upright hinge-pin or bolt 14, Fig. 6. Each of the rail members 13 is perforated near its outer end for the reception of a set-screw 15, which is tapped into a head-bar 16 and carries a nut 17. The head-bar 16 is provided with a pair of hooks 18, that may be projected over a rod 19 of the bedstead head-piece 20. The screws 15 engage bar 16 below the connection of said bar with the hooks 18, Fig. 5, so that any tension on the screws is not liable to tilt the hooks out of engagement with rod 19. The lower end of bolt 14 is provided with a tubular bearing 21, through which passes a set-screw 22, carrying nut 23 and tapped into the center of bar 16, Fig. 6. The foot-springs 12 are connected to a foot-bar 24, having hooks 25, that may be projected over a rod 26 of the bedstead foot-piece 27.

In use the hooks 18 25 are brought into engagement with the rods 19 26, respectively, so that the bed-bottom is secured to the bedstead. By now uniformly manipulating

nuts 17 23 the distance between the jointed rail 13 and the head-bar 16 may be regulated, so that the bed-bottom may be adjusted to bedsteads of different sizes.

In case the bottom has worn unevenly any sagging may be readily taken out by setting the rail members 13 at an angle to each other. Thus if the bottom has sagged at center the nut 23 is turned to swing the inner ends of the members 13 toward bar 16, and thereby stretch the bottom along its center. In like manner if the bottom has sagged at either end the nut 17 on said end is turned to swing the outer end of the corresponding member 13 toward bar 16 and stretch the bottom along its sagged end. It will thus be seen that the tension of the bottom and of all the parts thereof is under full control, so that the bottom may always be maintained in perfect working order.

What I claim is—

1. A bed-bottom provided with a rail, a bar having hooks, and set-screws that connect the rail to the bar below the connection of the bar with the hooks, substantially as specified.

2. A bed-bottom provided with a rail composed of two members pivotally connected at their inner ends, a head-bar having a pair of hooks, and set-screws that adjustably connect the rail members to the head-bar at their jointed inner end and at their outer ends, substantially as specified.

3. A bed-bottom provided with a jointed rail, a connecting-bolt having a bearing, a bar having hooks, set-screws adjustably connecting the rail members to the bar, and an additional set-screw connecting the bolt-bearing to said bar, substantially as specified.

Signed by me at New York city, Manhattan, N. Y., this 17th day of March, 1906.

IGNATZ GROSSMAN.

Witnesses:

WILLIAM SCHULZ,  
FRANK V. BRIESEN.