

No. 817,295.

PATENTED APR. 10, 1906.

E. A. BARNES.
ADJUSTABLE BEDSTEAD.
APPLICATION FILED JULY 17, 1905.

Fig. 1.

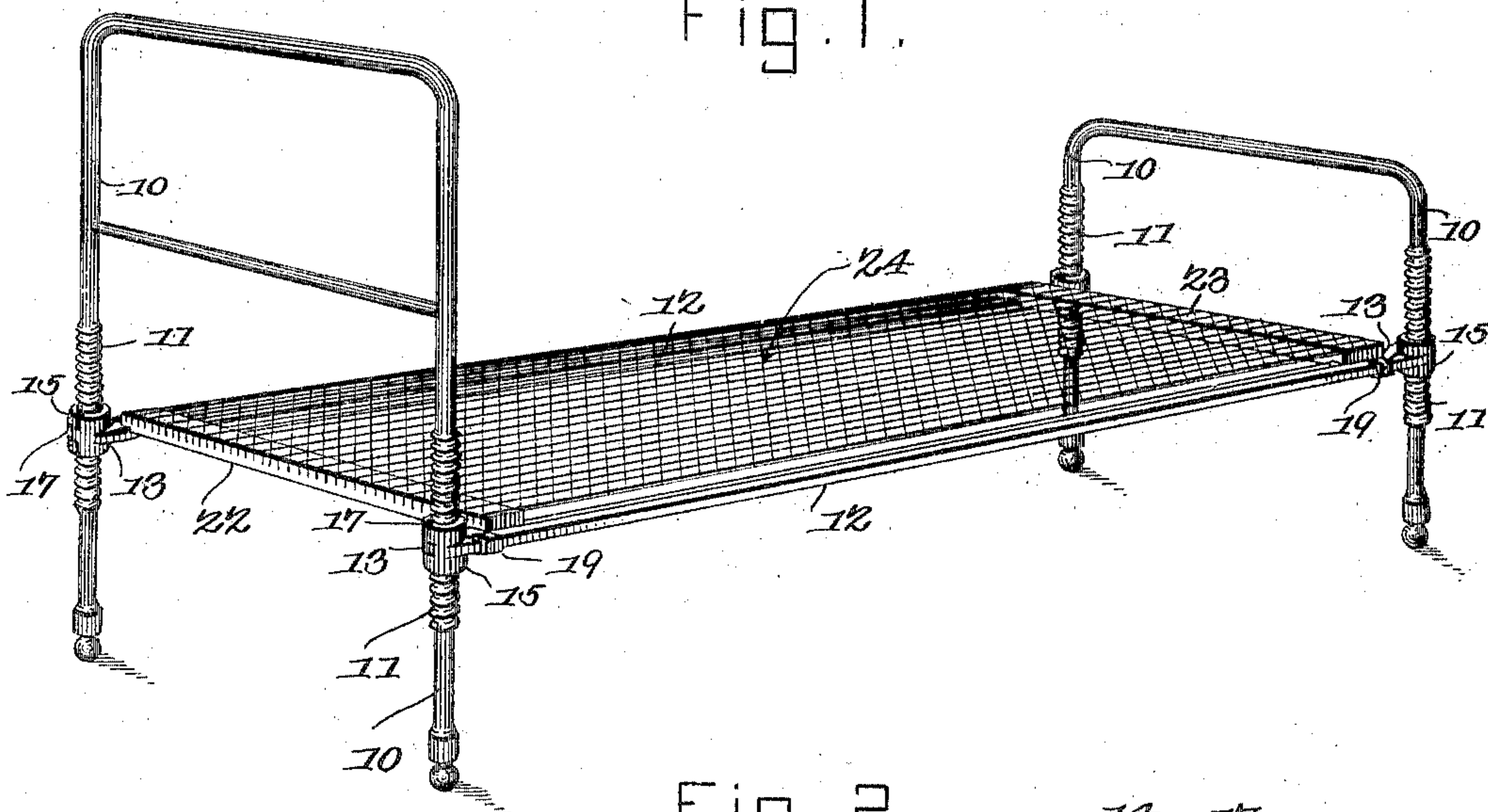


Fig. 2.

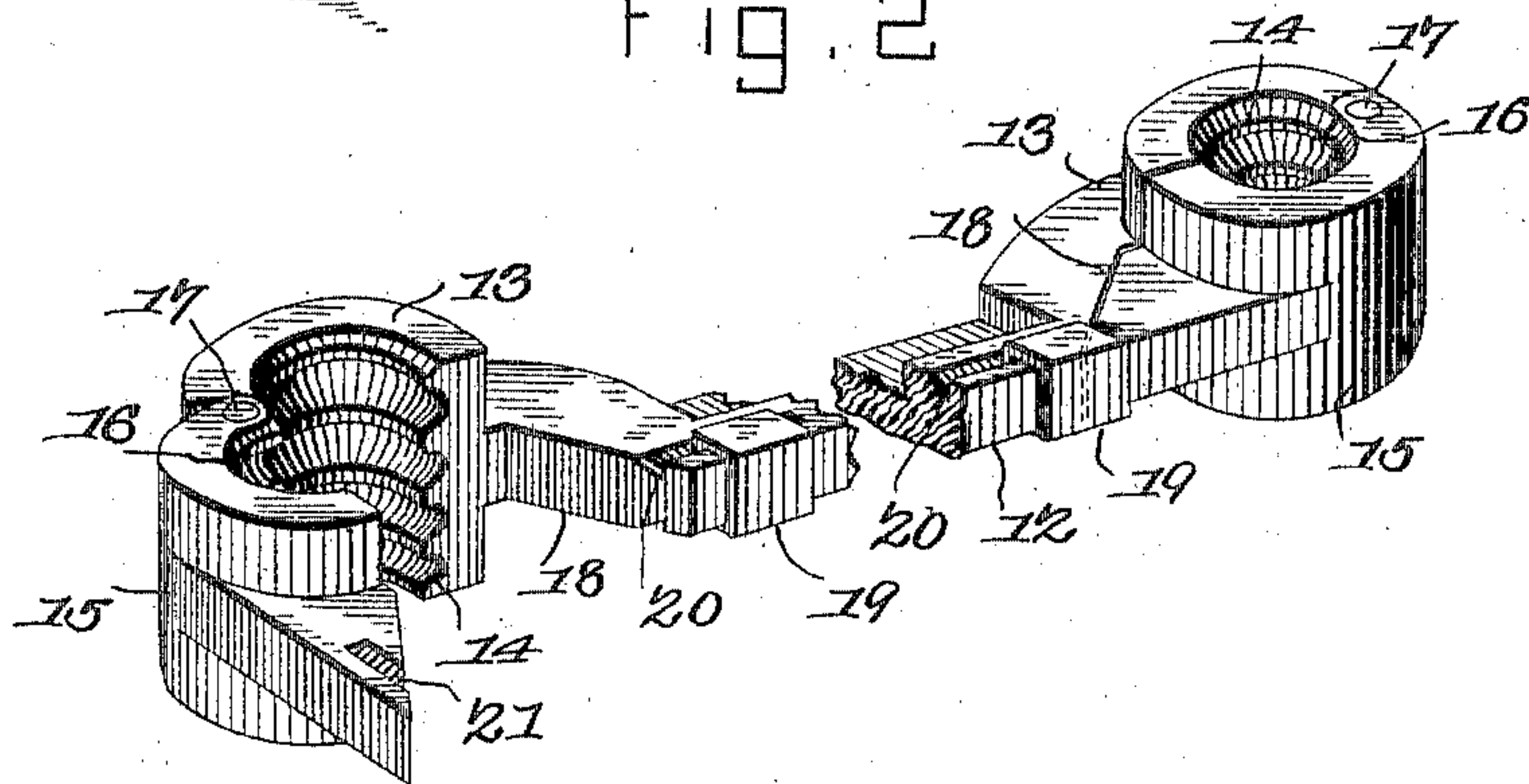


Fig. 3.

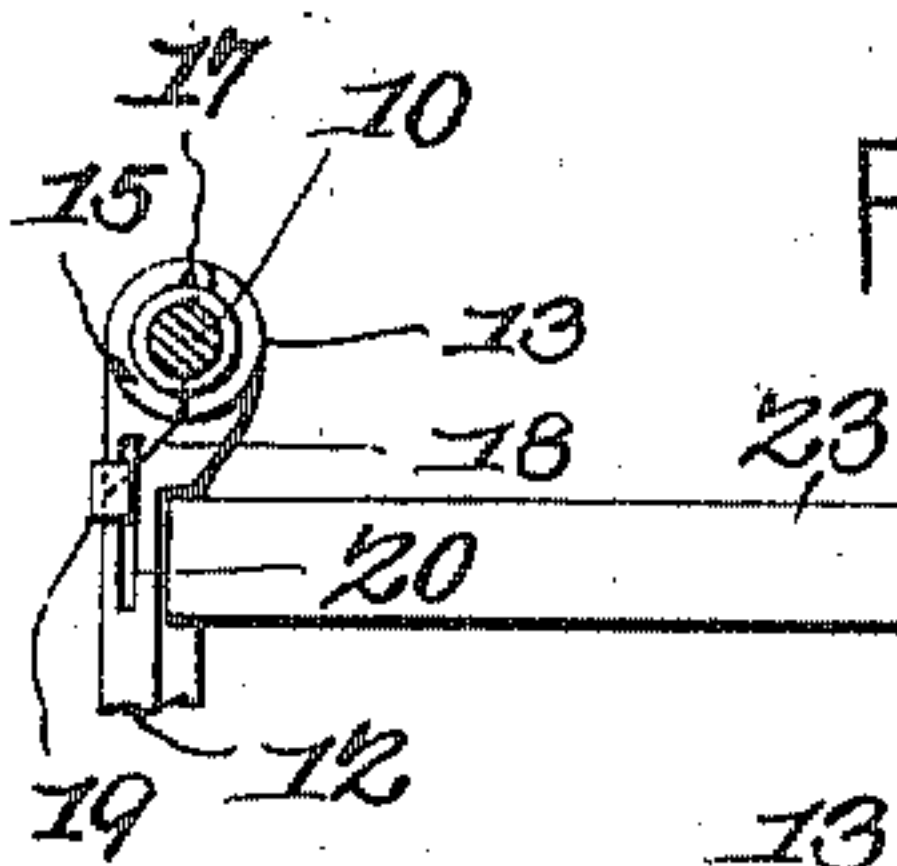


Fig. 4.

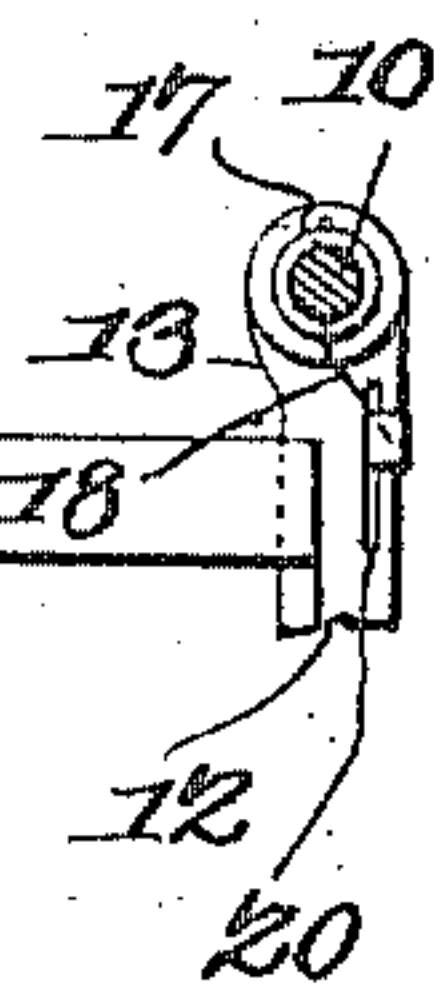
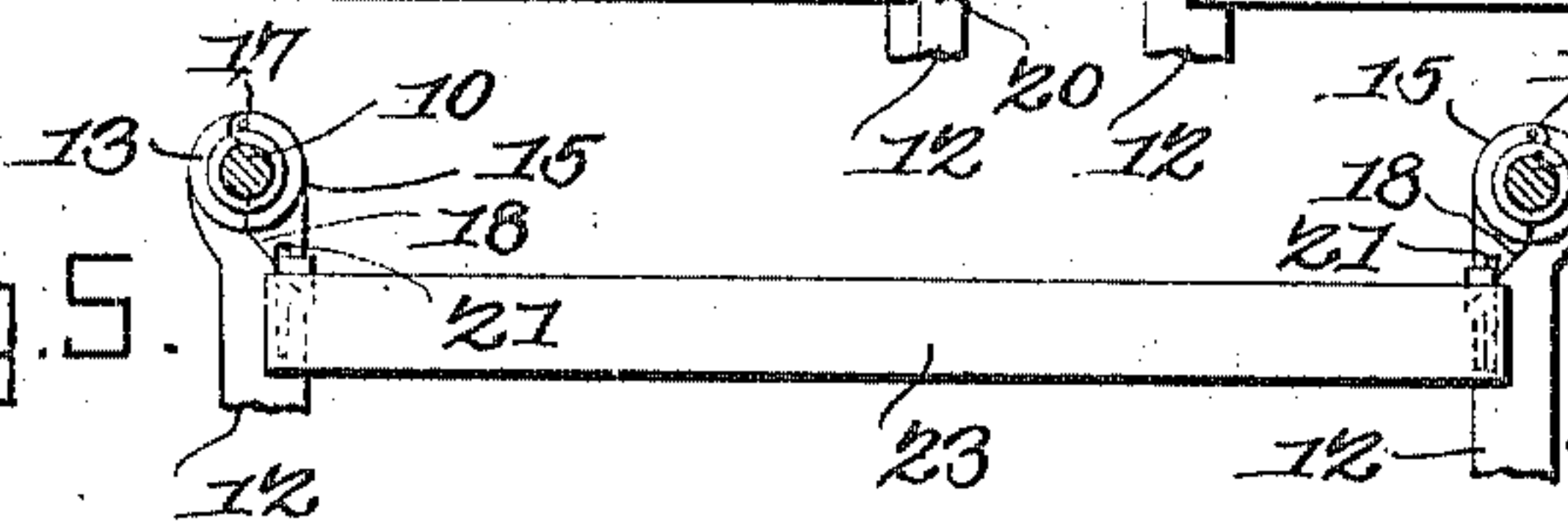


Fig. 5.



Witnesses

E. J. Howard
C. H. Woodward

Inventor

by

Edmund A. Barnes
C. A. Snow & Co.

Attorneys

UNITED STATES PATENT OFFICE.

EDMUND A. BARNES, OF BRYAN, IDAHO.

ADJUSTABLE BEDSTEAD.

No. 817,295.

Specification of Letters Patent.

Patented April 10, 1906.

Application filed July 17, 1905. Serial No. 270,047.

To all whom it may concern:

Be it known that I, EDMUND A. BARNES, a citizen of the United States, residing at Bryan, in the county of Bingham and State of Idaho, have invented a new and useful Adjustable Bedstead, of which the following is a specification.

This invention relates to bedsteads, and has for its object to provide a simply-constructed and easily-applied device whereby the side rails may be vertically adjusted to raise and lower the springs and mattress to any required extent.

Another object of the invention is to provide means whereby the springs and mattress may be adjusted to an inclined position.

Another object of the invention is to provide means whereby the bedstead may be quickly adapted to springs of different widths.

With these and other objects in view, which will appear as the nature of the invention is better understood, the same consists in certain novel features of construction, as hereinafter fully described and claimed.

In the accompanying drawings, forming a part of this specification, and in which corresponding parts are denoted by like designating characters, is illustrated the preferred form of embodiment of the invention capable of carrying the same into practical operation, it being understood that the invention is not necessarily limited thereto, as various changes in the shape, proportions, and general assemblage of the parts may be resorted to without departing from the principle of the invention or sacrificing any of its advantages.

In the drawings, Figure 1 is a perspective view of a conventional form of bedstead and springs with the improvement applied. Fig. 2 is a perspective view, enlarged, of the end portions of one of the side rails detached. Figs. 3, 4, and 5 are plan views of one end of the bedstead, illustrating the manner of adapting the device to springs of different widths.

In the improved device the corner-posts 10 of the bedstead are each provided with a plurality of spaced alternating annular channels and ribs, as at 11, while the side rails 12 are provided at the ends with half-bearings 13, having interior alternating channels and ribs 14 for engaging the channels and ribs of the posts, and detachably connected to the side rails and bearing over the posts from the opposite side are caps 15, having interior alternating channels and ribs 16 for engaging

the channels and ribs of the posts from the opposite side.

The ribs and channels of the bearings and caps and those upon the posts all coincide, so that when the parts are united the side rails are firmly and rigidly clamped to the posts and may be readily adjusted thereon vertically, as will be obvious.

The cap members are hinged at one side, as at 17, to the bearing portions and extended at the other side, preferably in inclined shape, as at 18, and with slides 19 operating in guide-channels 20 in the side rails and guide-channels 21 in the caps to firmly lock the caps to the side rails and hold the same in any required adjusted position.

The end members 22 23 of the spring (represented at 24) are designed to rest upon the side rails in the usual manner, as in Figs. 1 and 3.

The half-bearings 13 of the side rails 15 are offset laterally, so that when placed in one position, as in Figs. 1 and 3, the side rails are spaced farther apart than when reversed in position, as in Fig. 5, and then when only one of the side rails is reversed, as in Fig. 4, a third spaced distance is provided.

Thus the device may be very easily adapted for three sizes of bed-springs and without structural changes in any of the parts. This is an important feature of the invention and adds materially to the value and efficiency of the device. The bed-springs and mattress may thus be adjusted to any required height or to any required inclination.

Having thus described the invention, what is claimed is—

1. A bedstead having posts provided with spaced annular channels, the side rails having half-bearings provided with means for engaging said channels at one side, and caps detachably connected to said rails provided with means for engaging the channels on the other side.

2. A bedstead having posts provided with spaced annular channels, the side rails having half-bearings provided with means for engaging said channels at one side, caps swinging from said side rails and provided with means for engaging said channels from the opposite side, and means for detachably coupling the free ends of said caps to said rails.

3. A bedstead having posts provided with spaced annular channels, the side rails having half-bearings provided with means for

engaging said channels at one side and offset laterally therefrom, and caps detachably connected to said rails provided with means for engaging the channels on the other side,
5 whereby the rails may be spaced nearer together or farther apart by reversing in position upon the posts.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

EDMUND A. BARNES.

Witnesses:

ARTHUR M. BOWEN,
CLAUDE FERGUSON.