

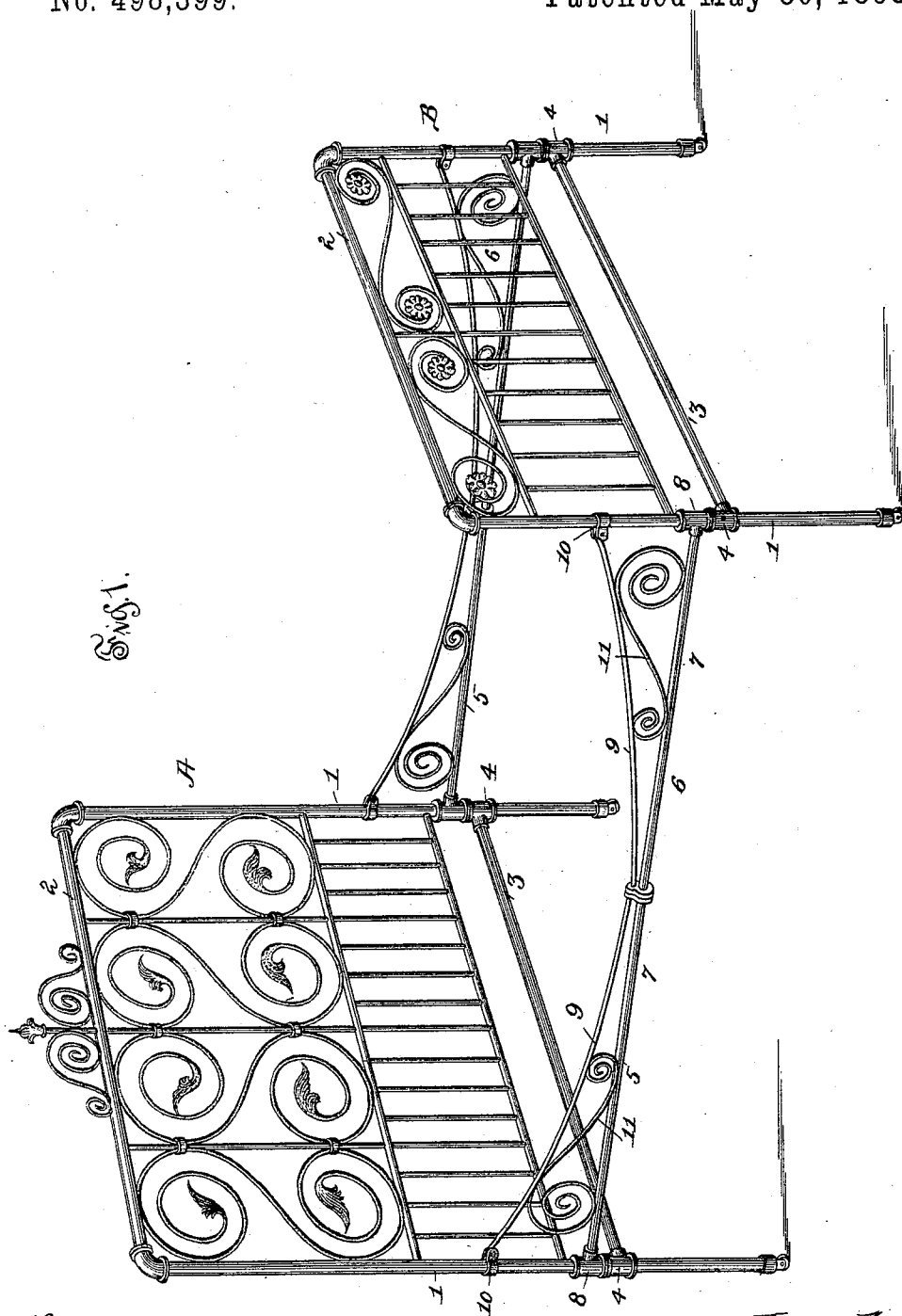
(No. Model.)

3 Sheets—Sheet 1.

C. C. LOCKSTAEDT.
BEDSTEAD.

No. 498,399.

Patented May 30, 1893.



Witnesses:

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(No Model.)

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Fig. 2.

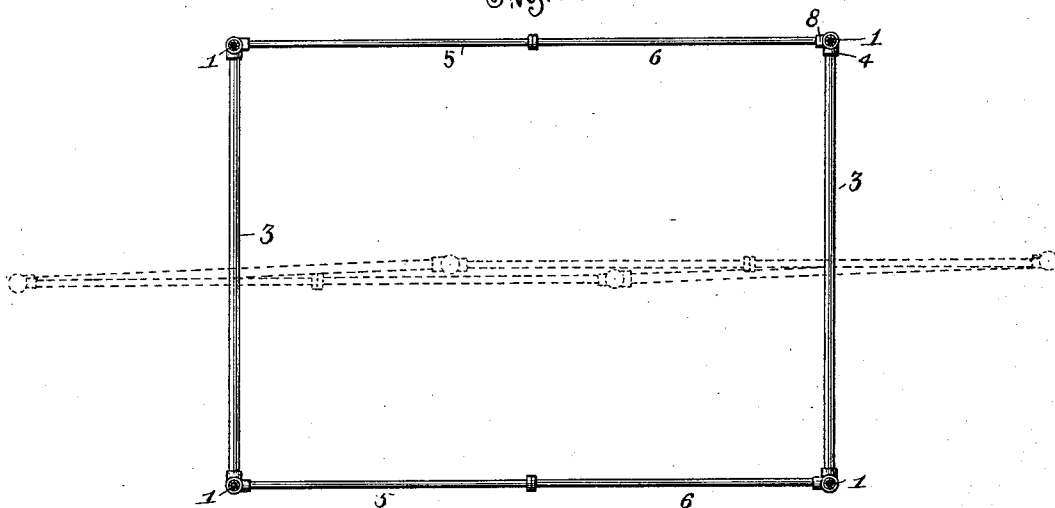


Fig. 3.

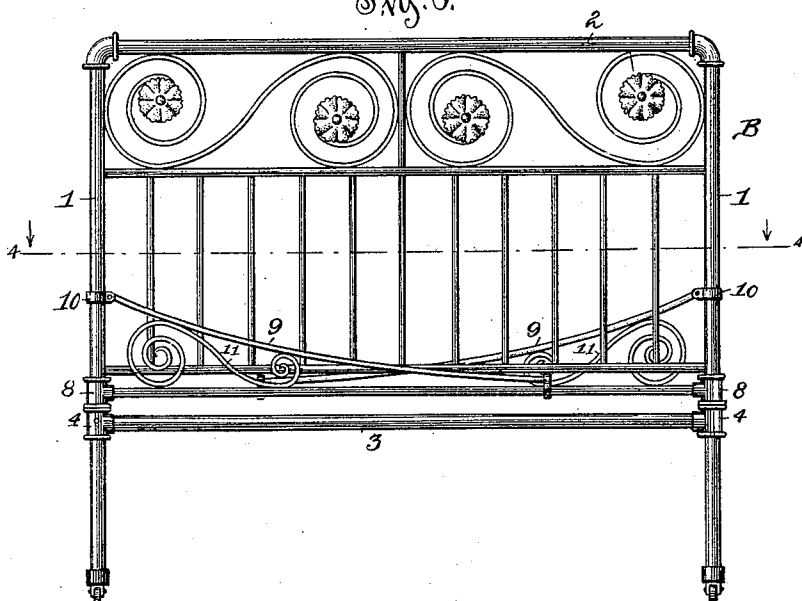


Fig. 4.



Fig. 5.



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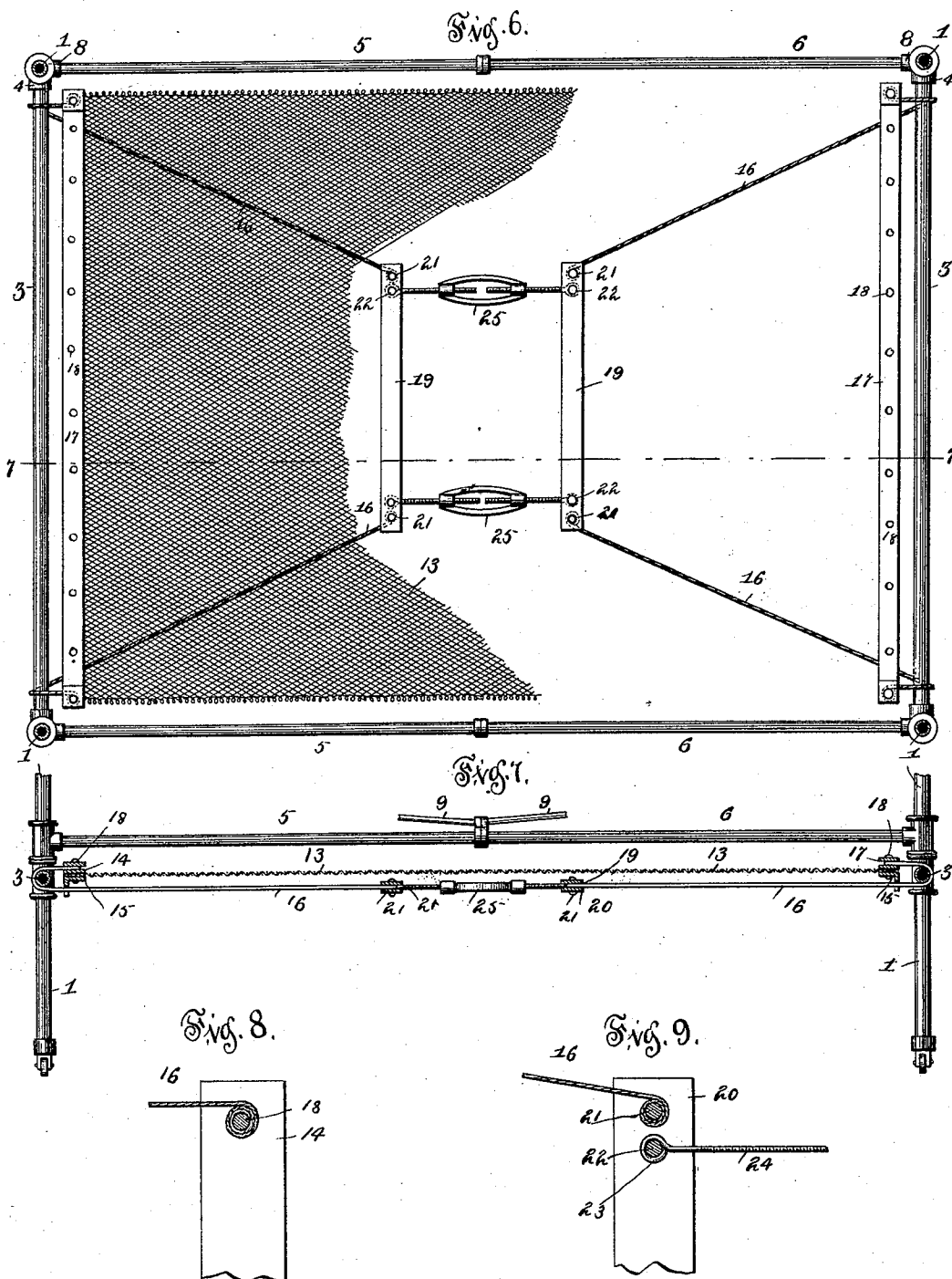
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BEDSTEAD.

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UNITED STATES PATENT OFFICE.

CHARLES C. LOCKSTAEDT, OF CHICAGO, ILLINOIS.

BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 498,399, dated May 30, 1893.

Application filed November 13, 1891. Serial No. 411,806. (No model.)

To all whom it may concern:

Be it known that I, CHARLES C. LOCKSTAEDT, a subject of the Emperor of Germany, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Bedsteads; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to a novel construction in a metal bedstead and mattress therefor, the objects being to provide a bedstead that can be easily put together, taken apart and packed within a small compass for convenience of transportation, to provide a bedstead whose width can be decreased without being taken apart for moving it through doorways or openings narrower than said bed; to provide a novel construction in a wire mattress and to provide for the general efficiency and utility of bedsteads of this description.

To the attainment of the foregoing and other useful ends my invention consists in the features of construction and combinations of parts hereinafter fully described and particularly claimed.

In the accompanying drawings illustrating my invention: Figure 1 is a perspective view of a bedstead constructed in accordance with my invention. Fig. 2 is a horizontal cross section. Fig. 3 is an elevation of the foot of the bed showing the swinging side pieces folded against the same. Fig. 4 is a cross section on the line 4—4 of Fig. 3. Fig. 5 is a vertical longitudinal section of the meeting ends of the side pieces. Fig. 6 is a horizontal cross section with the wire mattress secured thereto. Fig. 7 is a vertical section on the line 7—7 of Fig. 6. Figs. 8 and 9 are fragmentary detail views.

Referring to said drawings, A indicates the head-piece and B the foot-piece of the bedstead constructed similarly to each other (with the exception that the head piece is considerably higher than the foot piece) in a familiar manner. Each of said head and foot pieces comprises the end uprights 1 connected at their upper ends by cross pieces 2. At about the height at which it is intended to support the mattress the uprights are connected by cross bars 3 rigidly connected at

their outer ends to said uprights. As a convenient construction said cross bars 3 are connected with sleeves 4 that are rigidly secured to said uprights. The said uprights are provided at their lower ends with suitable casters for obvious reasons. Above the cross bars 3 said head and foot pieces are provided with suitable cross pieces and ornaments in a familiar manner.

The side pieces of the bed consist of two sections 5 and 6 one of which is connected to the head piece and the other to the foot piece. The said sections each consists of a rod 7 that is rigidly secured to a collar 8 that is loosely secured upon the upright 1 so that it can turn thereon. The collar 8 rests upon the upper end of the sleeve 4 and extends at right angles to the upright. A brace rod 9 is connected at one end to the free end of the rod 7 and is secured at its other end to a collar 10 upon the upright. The said brace rods 9 serve to steady the rods 7 to allow them to swing easily and relieve the strain that would otherwise be borne by the collar 8, and further serve as a means for retaining the mattress and bedclothing upon the wire mattress of the bed. Ornaments 11 can of course be located between the brace rods 9 and rods 7 as shown in the drawings. The said rods 7 are hollow and one of the pair composing the side piece of the bed is provided at its free end with a pin or projection 12 adapted to enter the end of the other rod as shown in Fig. 5, thereby providing slip joint connection between said sections 5 and 6.

The parts above described compose the bedstead, and it will be noticed that the head and foot pieces are each provided at their sides with swinging sections, that when joined together form the side pieces of the bed. When the bed is made up ready to receive the wire mattress, or when the mattress has been removed, the bed will be in the position shown in Figs. 1 and 2.

It will be noted that when it is desired to move the bed through a narrow passage way, the frame is collapsed as shown in dotted lines in Fig. 2. In this position it can be rolled along on its casters in the ordinary way. When the frame is collapsed the collars 8 and 10 turn upon the uprights as pivots, and it will be understood that it can be col-

lapsed to any extent desired. It will be noted further that in transportation, the head and foot pieces can be separated, and the swinging section 5 and 6 swung flat against the same as shown in Figs. 3 and 4, whereby the said parts will occupy as little space as possible.

As a further and separate improvement, I have provided a novel construction in a wire mattress to be used in connection with the above described bedstead and devices for supporting and stretching said mattress. In Figs. 6 to 9 illustrating these improvements, 13 indicates a woven-wire mattress secured at its ends between two plates 14 and 15. Near the edges of the mattress two tightening cords, cables or strands 16 are secured between a plate 17 and the plate 14. The plates 14, 15 and 17 are all secured together by bolts 18 that pass through each of them, and the ends of the cords 16 are wound around said bolts 18 and then clamped between plates 14 and 17 to make a secure connection. The cords 16 are then passed around the cross-bars 3 on the head and foot pieces and then back beneath the mattress and have their other ends secured between two plates 19 and 20, by being wound around the bolts 21 that secure said plates together. Bolts 22 pass through said plates and receive the eyes 23 on the end of screw threaded tie-bolts 24. The tie-bolts 24 extend toward each other and each pair of tie-bolts is provided with right and left screw threads and are connected by means of buckles 25. Thus it will be seen that by turning said buckles the woven wire mattress will be tightened or loosened in an obvious manner. It will be noted also that the sections of the side pieces are held together by the connections for tightening the mattress.

From the foregoing it will be seen that I provide a metallic bedstead that does not require screws or bolts to put together and that can be easily taken apart or put together with little labor. I also provide a metallic bedstead that can be brought to a small compass for transportation without unscrewing or removing bolts as is customary. And further the bedstead can be narrowed for the purpose of moving from one room to another without being taken apart.

The devices described for sustaining and stretching the mattress form a marked improvement, as it can be easily and readily applied, removed, or tightened and also serves to hold the sections of the bedstead together. I claim as my invention—

1. A bedstead comprising a head piece having side piece sections 5 connected therewith by swinging joints, a foot piece having side

piece sections 6 connected therewith by swinging joints, and a separable slip-joint between said side piece sections 5 and 6.

2. A bedstead comprising a head piece having the side piece sections 5 connected therewith by swinging joints, the foot piece having the side piece sections 6 connected therewith by swinging joints, and a separable connection between said side piece sections 5 and 6.

3. A bedstead comprising a head piece having the swinging side piece sections 5, a foot piece having the swinging side piece sections 6, and a projection 12 on one of said side piece sections adapted to enter the recessed end of the other sections.

4. A bedstead comprising head and foot pieces having end uprights 1, cross bars 3 secured to shoulders rigidly connected with said uprights, revoluble collars upon said uprights resting upon said shoulders, and side pieces secured to said collars, each of said side pieces embracing two separable sections.

5. A bedstead comprising head and foot pieces having end uprights 1 provided with shoulders, revoluble collars 8 upon said uprights resting upon said shoulders, side pieces secured to collars 8 and embracing two separable sections, brace rods 9 secured at one end to said side piece sections, and revoluble collars 10 upon said uprights and secured to the other end of said side piece sections.

6. A woven wire mattress secured at each end between a pair of plates, cords or strands connected at one end with each of said pair of plates, two pairs of plates 19 and 20 to which the other ends of said cords or strands are secured, and a common tightening device connecting said pairs of plates 19 and 20.

7. A woven wire mattress secured at its ends between two plates 14 and 15, cords or strands 16 secured at one end between said plates 14 and plates 17, and a tightening device secured to the other ends of said cords or strands.

8. The combination substantially as herebefore set forth with a bedstead having side rails in separate sections connected by a slip joint cross bars 3 upon the head and foot pieces, of a mattress 13, cords or strands 16 secured to said mattress and carried around the cross bars at the adjacent end of the bedstead, and a tightening device secured to the ends of said cords or strands.

In testimony whereof I affix my signature in presence of two witnesses.

CHARLES C. LOCKSTAEDT.

Witnesses:

HARRY COBB KENNEDY,
OTTO LUEBKERT.