

(No Model.)

C. M. WAGNER.
FOLDING COT.

No. 440,730.

Patented Nov. 18, 1890.

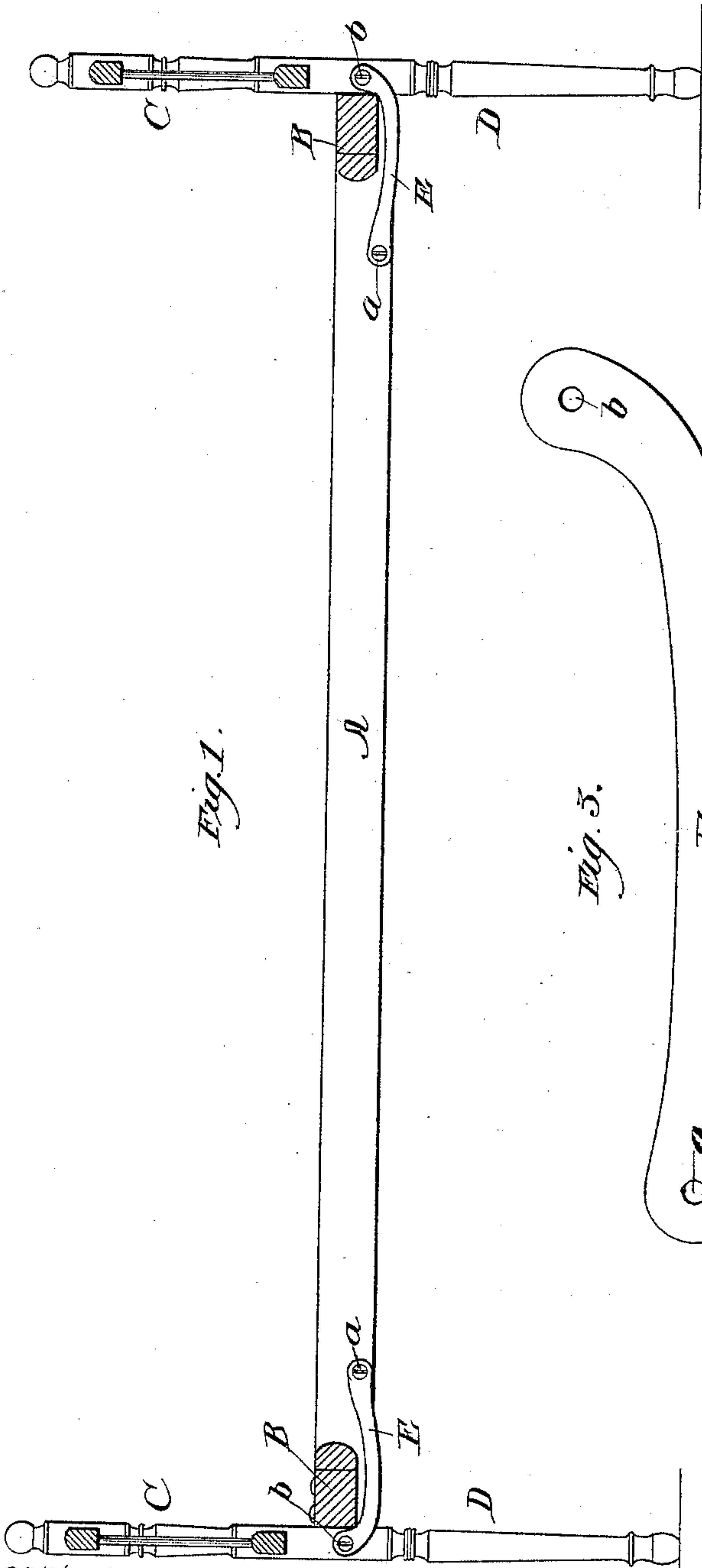


Fig. 1.

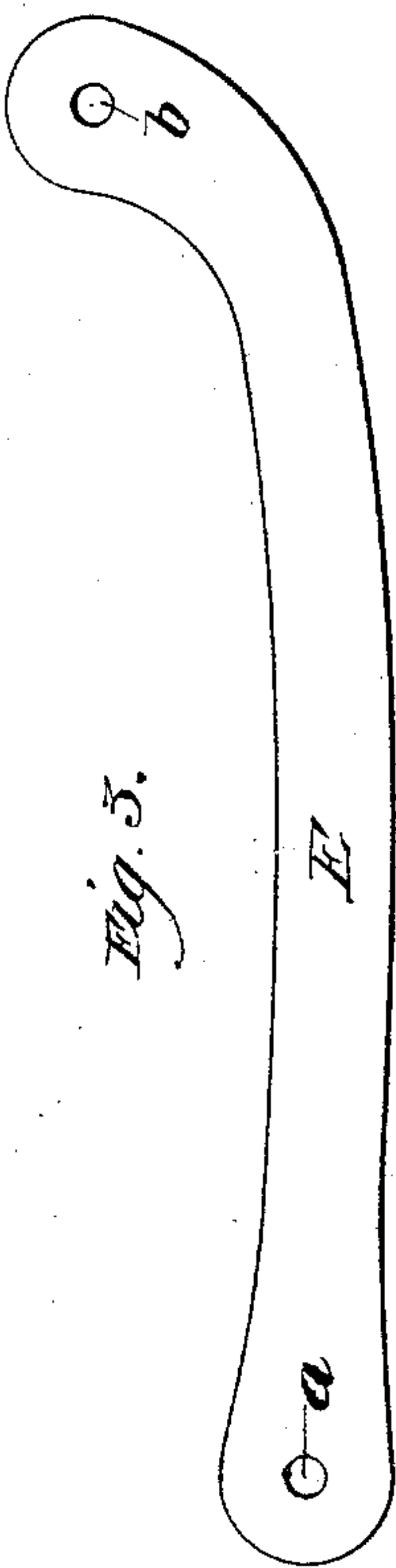


Fig. 3.

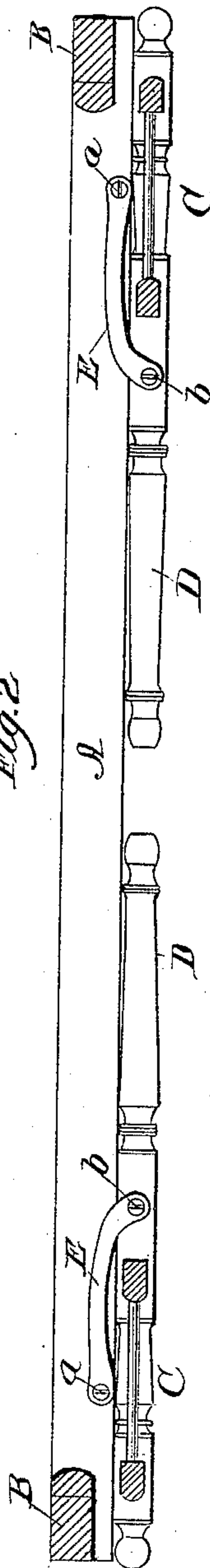


Fig. 2.

Witnesses:

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UNITED STATES PATENT OFFICE.

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FOLDING COT.

SPECIFICATION forming part of Letters Patent No. 440,730, dated November 18, 1890.

Application filed May 3, 1890. Serial No. 350,502. (No model.)

To all whom it may concern:

Be it known that I, CASPAR M. WAGNER, residing in Chicago, in the county of Cook and State of Illinois, and a citizen of the United States, have invented a new and useful Improvement in Folding Cots, of which the following is a specification, reference being had to the accompanying drawings, in which—

Figure 1 is a longitudinal vertical section through the cot in its upright position. Fig. 2 is a similar view showing the cot in its folded or "knockdown" position. Fig. 3 is an enlarged detail, being a side view of one of the metal straps connecting the end boards with the side rails of the cot.

This invention relates to cots, and has for its object to so construct a cot that its head and foot boards or pieces and the legs attached to the same can be readily turned to lie against the under side of the cot-frame when it is desired to store or ship the cot, and can be as readily turned up into place when it is desired to use the cot, and when in use will be firmly held in position by the pivoted straps that connect said end boards or pieces and legs to the cot-frame, which I accomplish as illustrated in the drawings, and hereinafter described. That which I claim as new will be pointed out in the claims.

In the drawings, A represents the side rails of the cot-frame, and B the end rails. A woven-wire fabric or other material is to be secured to this frame A B in any usual manner.

C D are posts, the upper portions C of which form the side pieces of the ordinary head and foot boards or frames of a bed or cot, and the lower portions D form legs or supports.

E are four metal straps which pivotally secure the end boards or frames C and the legs D to the side pieces A of the cot-frame. Each strap E is pivoted at one end at *a* to the inner surface of one of the side pieces A and at the other end is pivoted at *b* to the inner surface of one of the legs D, as shown. The straps are pivoted to the side pieces A far enough from the ends of such pieces to bring the legs D close against the end pieces B when the cot is in an upright position, as shown in Fig. 1. The pivots *b*, when the cot is in an

upright position, as shown in Fig. 1, are above the pivots *a*, so that the legs D are firmly locked against the end of the frame A B. As shown, the straps E are curved considerably near their pivots *b*, and when the cot is in the position shown in Fig. 1 the end bars B of the cot-frame rest on such curved portion of the straps, the effect of which is to firmly secure the parts together without any other fastening, and any weight on the cot tends to force the end bars down the curved edges of the straps E. Each strap E may be about eight inches long.

When it is desired to fold up the cot for storage or transportation, the frame B C can be raised a little at one end and the end board or frame C, with its two legs D, turned under the cot and against the frame of the cot, as shown in Fig. 2. The other end board or frame and its legs are then to be turned under in the same manner. When such end boards and legs are turned under the frame, as just described, the straps E will be turned completely over, as shown in Fig. 2, which allows the parts C D to be swung in far enough so that the end boards C will not project beyond the ends of the cot-frame.

A cot constructed as described and shown can be made very cheaply, and can be placed in position for use or for transportation very readily and easily.

The ends of the strap-irons E when secured to the posts are arranged so that when the cot is in position for use such ends will be about in line with the center line of the frame, and thereby the parts will be locked in position for use without any additional device. The pivots *b*, when the cot is in position for use, being about in line with the center line of the frame and the pivots *a* being below such line, the cot will not collapse when pushed longitudinally.

What I claim as new, and desire to secure by Letters Patent, is as follows:

1. A cot-frame consisting of rails A B and posts C D, the upper portions of which form the side pieces of the head and foot boards and the lower portions of which form legs or supports, in combination with rigid straps, each strap being pivotally attached at one end to the cot-frame and at the other end to

one of the posts in position to bind the post to the cot-frame and passing beneath a rail B, substantially as specified.

5 2. A cot-frame consisting of rails A B and posts C D, the upper portions of which form the side pieces of the head and foot boards and the lower portions of which form legs or supports, in combination with rigid straps, each strap being pivotally attached at one end

to the cot-frame and at the other end to one of the posts in position to bind the posts to the cot-frame and being curved at its outer end and adapted to support the cot-frame, substantially as specified.

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