

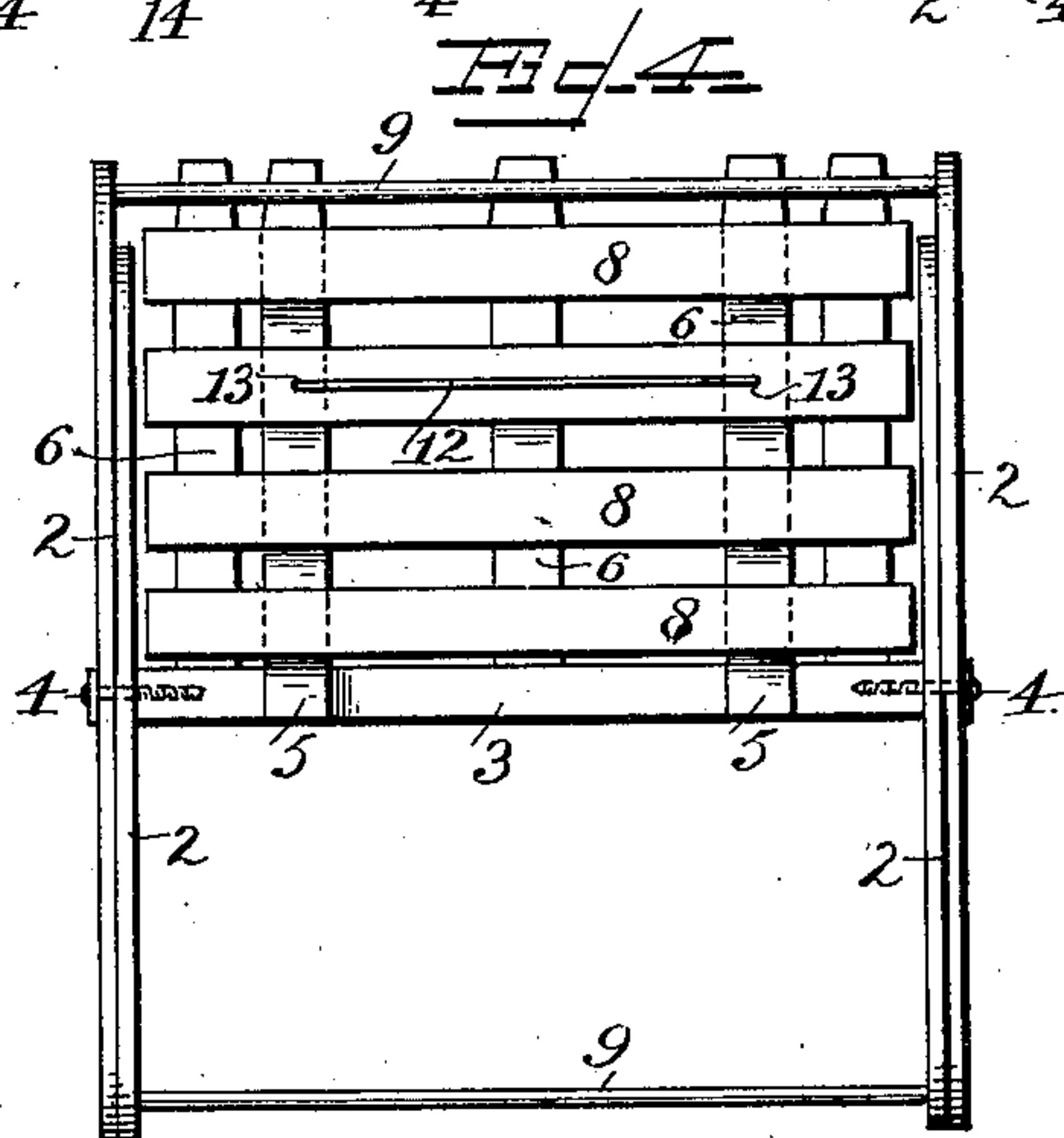
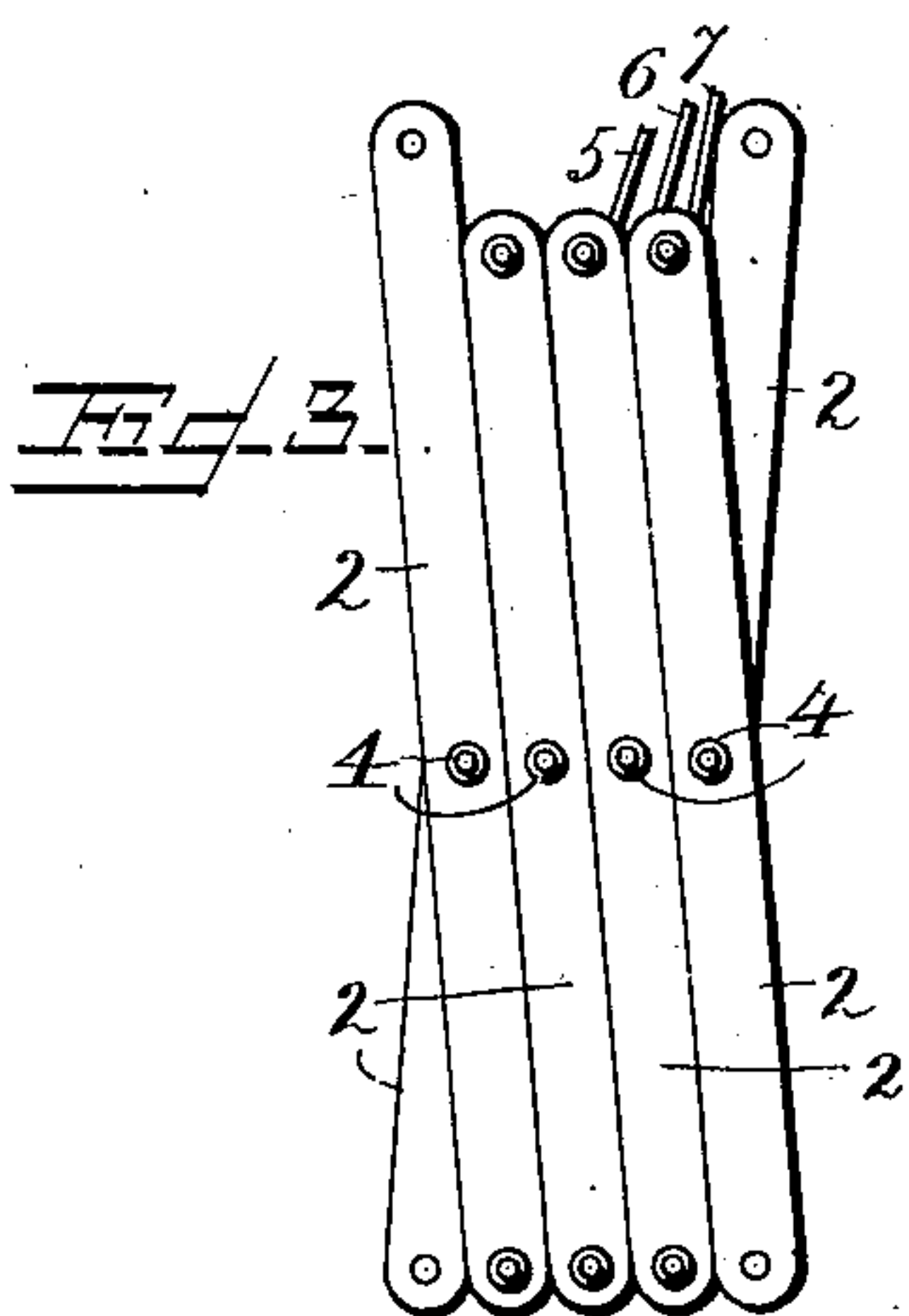
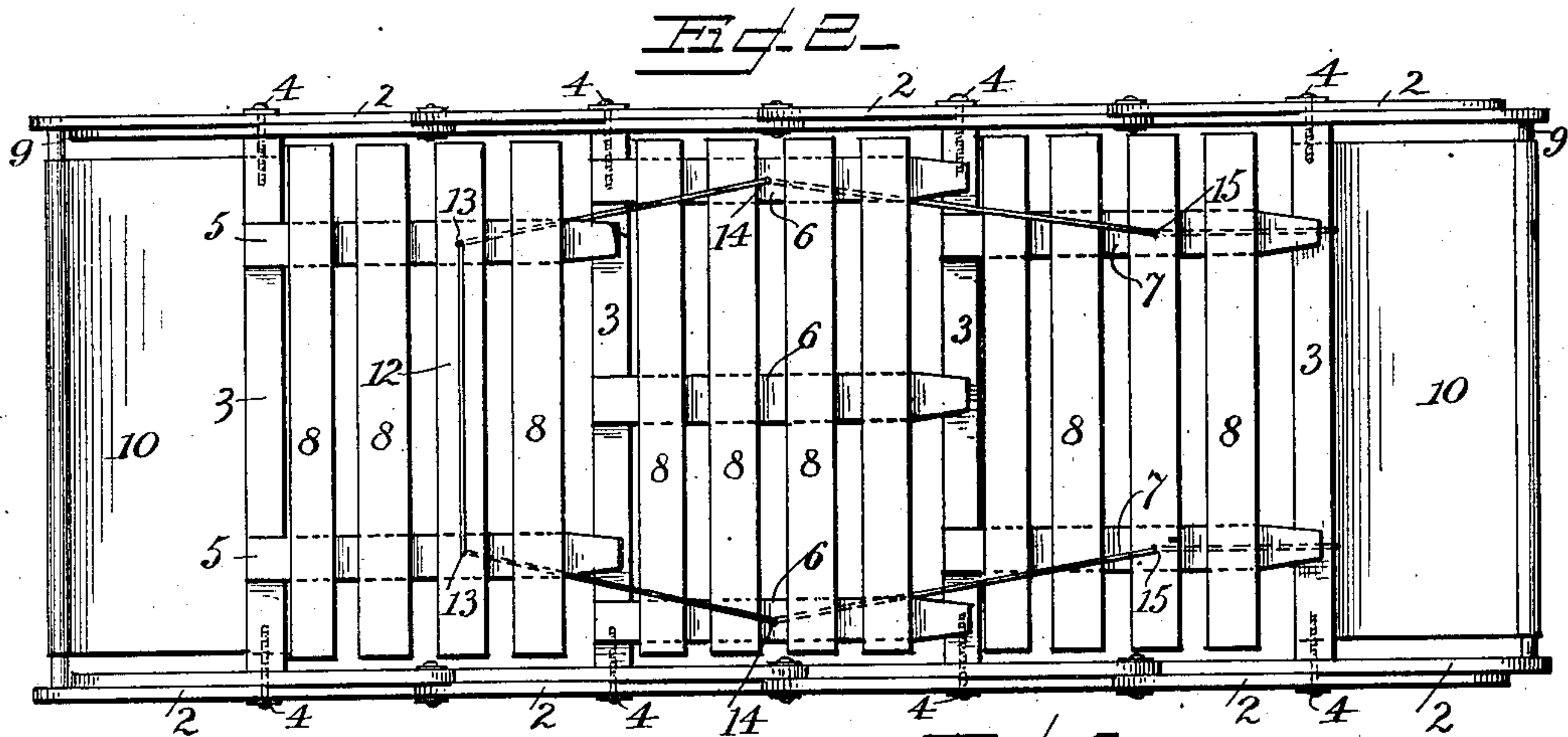
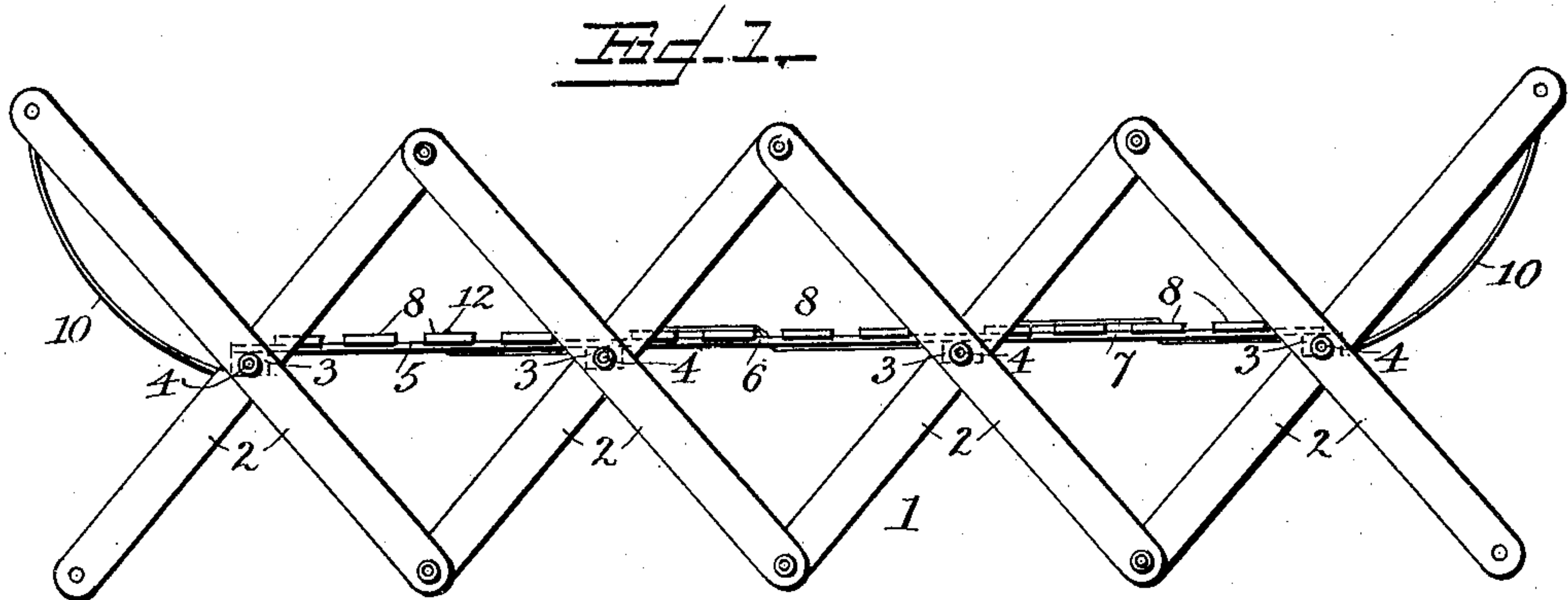
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PATENTED AUG. 6, 1907.

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FOLDING BED.

APPLICATION FILED JAN. 3, 1907.



Witnesses
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UNITED STATES PATENT OFFICE.

CHARLES F. PIHLBLAD AND OSCAR B. NORGRÉN, OF BOONTON, NEW JERSEY.

FOLDING BED.

No. 862,346.

Specification of Letters Patent.

Patented Aug. 6, 1907.

Application filed January 3, 1907. Serial No. 350,675.

To all whom it may concern:

Be it known that we, CHARLES F. PIHLBLAD, a citizen of the United States, and OSCAR B. NORGRÉN, a subject of Sweden, residing at Boonton, in the county of Morris and State of New Jersey, have invented certain new and useful Improvements in Folding Beds; and we do 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 improvements in folding beds.

The object of this invention is to provide a bed or cot of this character adapted to be readily folded into small compact form.

With the foregoing and other objects in view, the invention consists in certain novel features of construction, combination and arrangements of parts, as will be more fully described and particularly pointed out in the appended claims.

In the accompanying drawings, Figure 1 is a side view of the folding bed constructed in accordance with the invention showing the same in open position; Fig. 2 is a plan view of the same; Fig. 3 is a side view showing the bed in folded position; Fig. 4 is an end view of the bed when folded as shown in Fig. 3.

Referring more particularly to the drawings, 1 denotes the bed which consists of side rails formed of a series of bars 2 pivotally connected together in the form of lazy tongs. The side rails of the bed are connected together by a series of cross-bars or slats 3, the ends of which are reduced when formed with pivotal connections 4 for the central portions of the bars 2 which form the rails.

Secured to the outer cross-bar, or slat at one end of the rails are longitudinally extending slat supporting bars 5, the opposite ends of which are adapted to engage and rest upon the next adjacent cross-bar 3. To the cross-bar 3 upon which the free ends of the longitudinal bars 5 rest is secured the ends of three longitudinally-disposed slat supporting bars 6, the opposite ends of which are adapted to engage and rest upon the next adjacent cross-bar 3. To the cross-bar 3 upon which the free ends of the bars 6 rest is secured the ends of another pair of longitudinally-disposed supporting bars 7, the free ends of which are adapted to engage and rest upon the outer cross-bar 3 at the opposite end of the side rails. Secured to the upper side of the bars 5, 6 and 7 are a series of transversely-disposed slats 8 which are adapted to form supports for a mattress. The outer ends of the end bars 2 of the side rails are connected by cross-rods 9. Secured to the upper cross-bars 9 at the opposite ends of the rail and to the outer

cross-bars 3 are head and foot rests 10 which are preferably formed of canvas or other flexible fabric.

Passed through the apertures 3 in the bars 5 is a cord or rope 12, the ends of which are passed through the apertures 14 formed in the bars 6 midway between their ends and after being passed through the apertures 14 are extended over and passed through apertures 15 in bars 7, after which the ends of the cord are extended beneath the forward end of the bars 7 and secured to the adjacent outer cross-bar 3. By arranging the cord 12 over and under the bars 13, 14 and 15, as herein shown and described, said cord, will serve to aid in holding the bed in position when extended and to also aid in folding and unfolding the same.

When the side rails of the bed are folded or pushed together, the bars 5, 6 and 7 and slats connected thereto will be turned upwardly to a vertical position as shown in Figs. 3 and 4 of the drawings, thus enabling the bed to be closed or folded in a small compact form.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention, as defined by the appended claims.

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

1. In a folding bed having side rails constructed in the form of lazy tongs, supporting bars arranged between and connecting with said side bars and a series of slatted sections secured to said supporting bars, substantially as described.

2. In a folding bed having side rails in the form of lazy tongs, a series of slatted supporting cross-bars arranged between and connecting said side rails, longitudinally-disposed supporting bars secured at one end to said cross-bars, a series of slats secured to said longitudinal bars and head and foot rests arranged at the opposite ends of said side rails, substantially as described.

3. A folding bed comprising side rails constructed in the form of lazy tongs, a series of cross-bars arranged between and pivotally connected to said lazy tong side rails, a series of slatted sections secured at one end to said cross-bars, cross-rods connecting the outer ends of the side rails, and flexible head and foot rests arranged between said cross-rods and the adjacent end cross-bars, substantially as described.

In testimony whereof we have hereunto set our hand in presence of two subscribing witnesses.

CHARLES F. PIHLBLAD.
OSCAR B. NORGRÉN.

Witnesses:

EDWARD J. CAHILL,
GEORGE B. LOFTHOUSE.