(No Model.)

W. D. SNYDER.

FOLDING BEDSTEAD.

No. 474,868. Patented May 17, 1892.

Fig. 1.

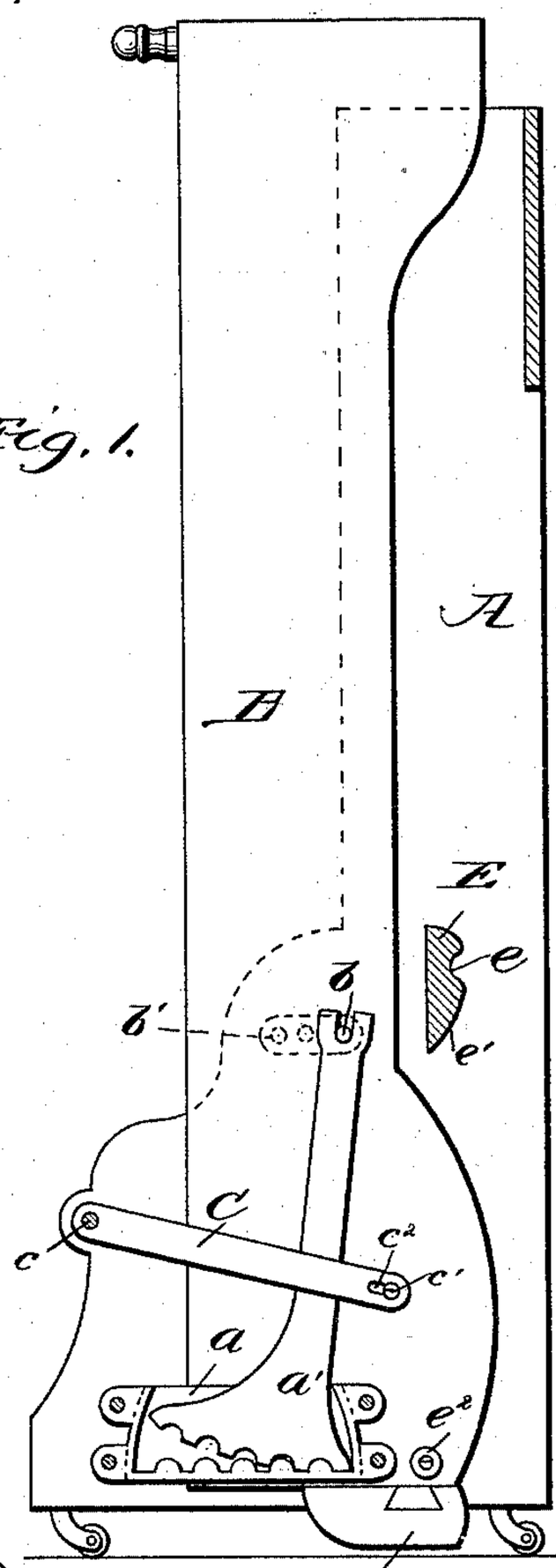

Fig. 3.

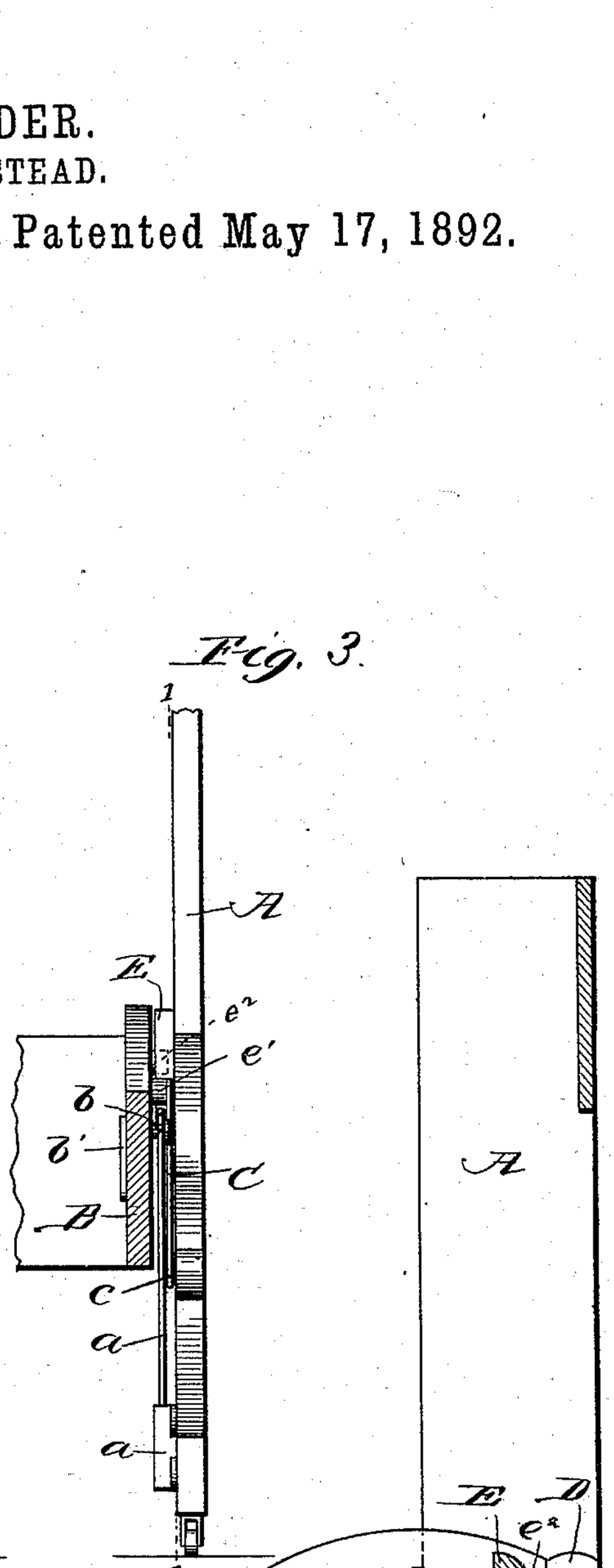

Fig. 2.

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WILLIAM D. SNYDER, OF CHICAGO, ILLINOIS.

FOLDING BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 474,868, dated May 17, 1892.

Application filed January 22, 1891. Serial No. 378,640. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM D. SNYDER, of Chicago, in the State of Illinois, have invented certain new and useful Improvements in Folding Bedsteads, of which the following is a specification.

My invention relates to folding bedsteads in which the bed-frame is connected with the standard by means of rocking links; and one of the objects of my improvements is to simplify the construction and better the operation of such link connection.

Another object is to provide in conjunction with such link connection an automatic-locking device for preventing the accidental closing of the bed-frame after being opened.

These objects I have attained by the construction illustrated in the accompanying drawings, in which—

Figure 1 is a vertical section of a closed bedstead of the class mentioned, taken on the line 1 1 of Fig. 3, looking toward the left. Fig. 2 is a like view to that shown in Fig. 1, except that it shows the bedstead open. Fig. 3 is a fragment of a transverse vertical section, taken on the line 3 3 of Fig. 2, looking toward the right.

In the drawings, A designates the standard, and B the bed-frame, which are of ordinary construction. On each side of the standard near its base is attached a cleat or rest a for the lower end of a link a', provided with a rocker-base, which is adapted to rock back and forth upon said cleat, said rocker-base and cleat being preferably provided with teeth, as shown. The top of the link a' is provided with a socket, in which the pivot-pin b, secured to the plate b' of the bed-frame, can rest and work in opening and closing the bed.

For the purpose of steadying the bed-frame upon the rocking links a' I provide on each side a cross-link C, one end of which is pivoted to the standard at c and the other to the bed-frame at c', a washer being interposed to hold said cross-link out of the plane of the rocker-link, so that the two can work without interfering.

The rocker-links carry the weight of the bed-frame, and the relation of the parts is such as to produce a slight pull on the cross-links. This means of connecting the standard and bed-frame gives great advantage to the counterpoise D, thus reducing the amount required to counterbalance the bed. It also affords an ease and smoothness in the working of the bed-frame not heretofore attained.

To the side boards of the standard on the inside is attached projecting pieces E, which are provided with a notch e in their rear edges. Below said notch said pieces are beveled, as shown at e'. The bed-frame has a pin e^2, projecting outwardly on each side and adapted to strike the pieces E and engage the notches therein. A slot c^2 in the end of the cross-links allows the pivots at c' enough play to permit the pins e^2 to pass over the incline at e' and engage the notches when the bed-frame is let down and to be disengaged from said notches by a slight lift at the foot when starting to close it up.

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

1. The combination, with the standard provided with rests a and bed-frame, of links a', provided with a rocker-base adapted to work upon said rests a on the standard and pivoted at their upper ends to the bed-frame, and links C, pivoted at one end near the front edge of the standard at a point in front of links a' and at the other end to the bed-frame at a point behind the links a', so as to play across and alongside of the same, as specified.

2. The combination, with the standard and bed-frame, of links a', supported at the base of the standard and connected with the bed-frame, as shown, cross-links C, pivoted to the standard and bed-frame, as shown, a slot c^2 being provided at one end to allow slight play of the pivot-pin therein, and projecting notched pieces and pins on the standard and bed-frame adapted to interlock when the bed-frame is let down, as specified.

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