

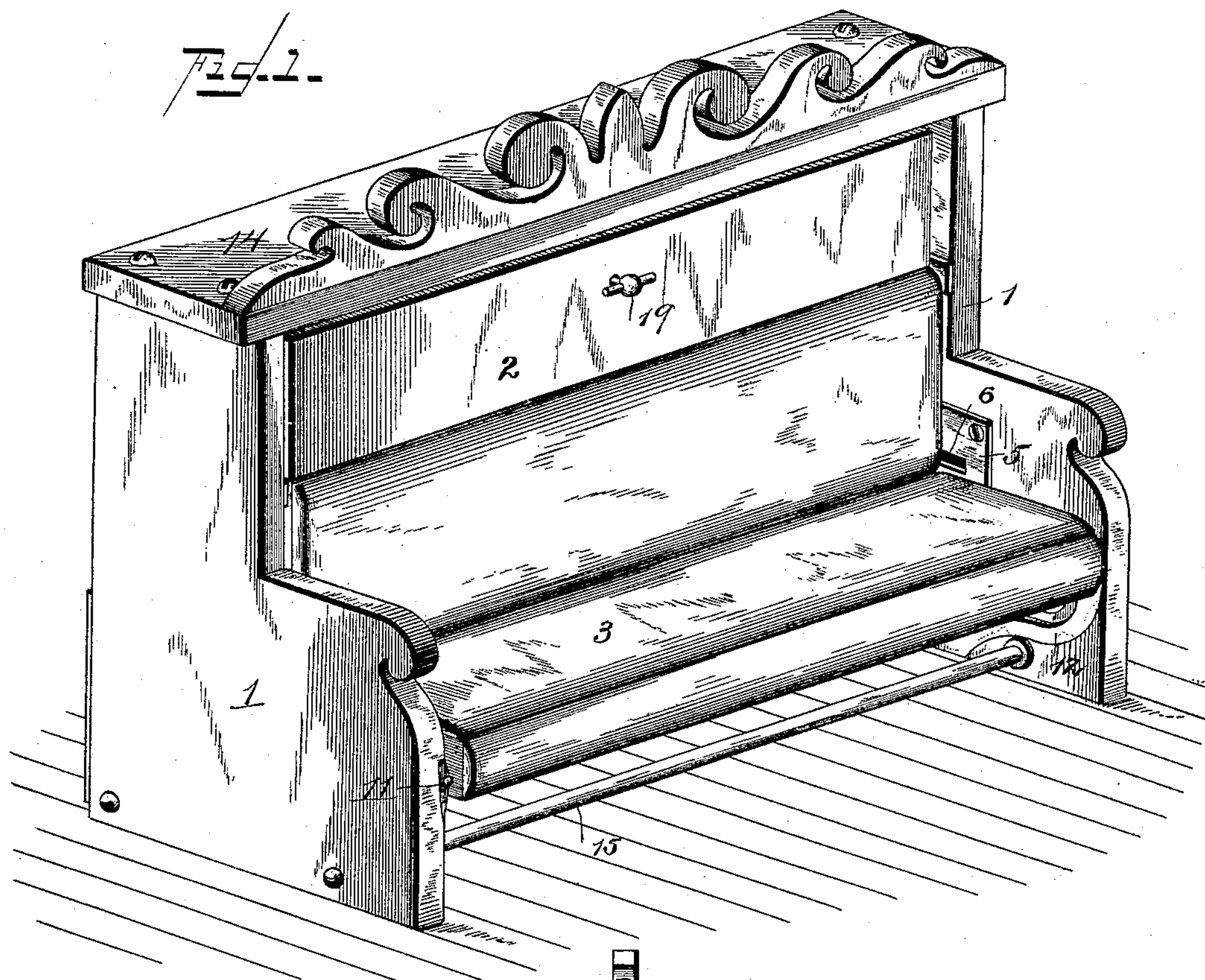
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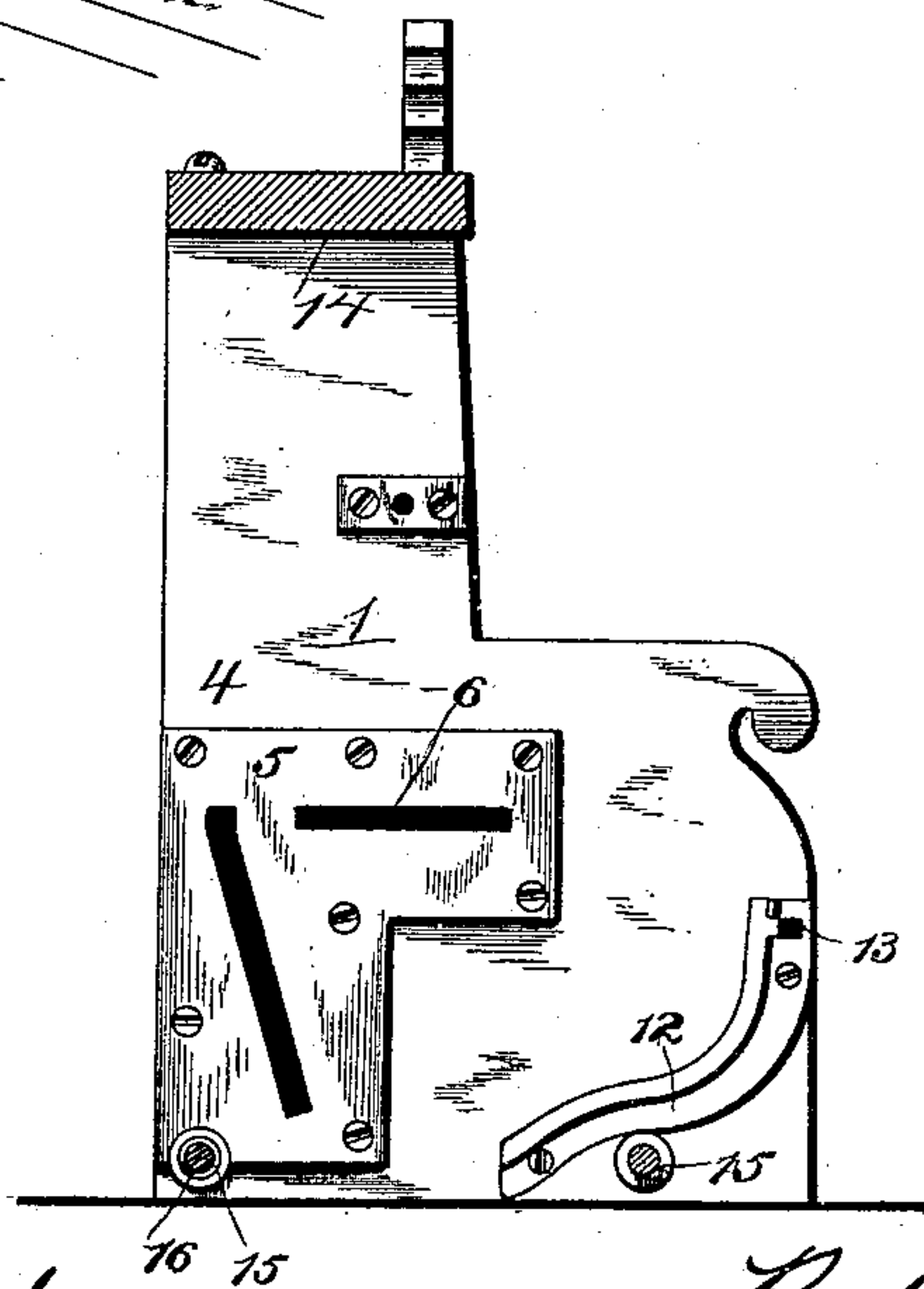
R. D. CODY.  
COMBINED SETTEE AND BED.

No. 444,529.

Patented Jan. 13, 1891.



*Fig. 2.*



WITNESSES

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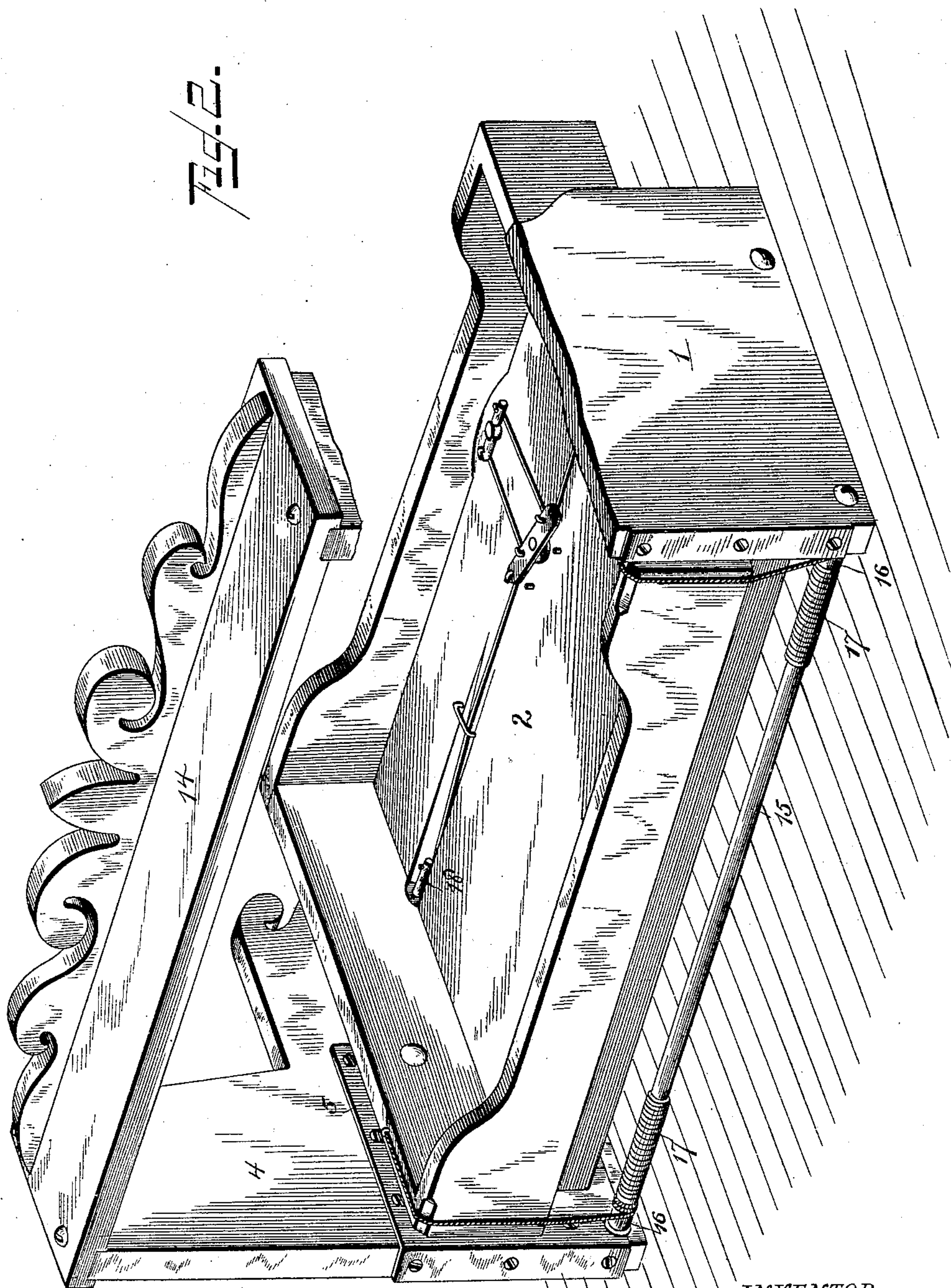
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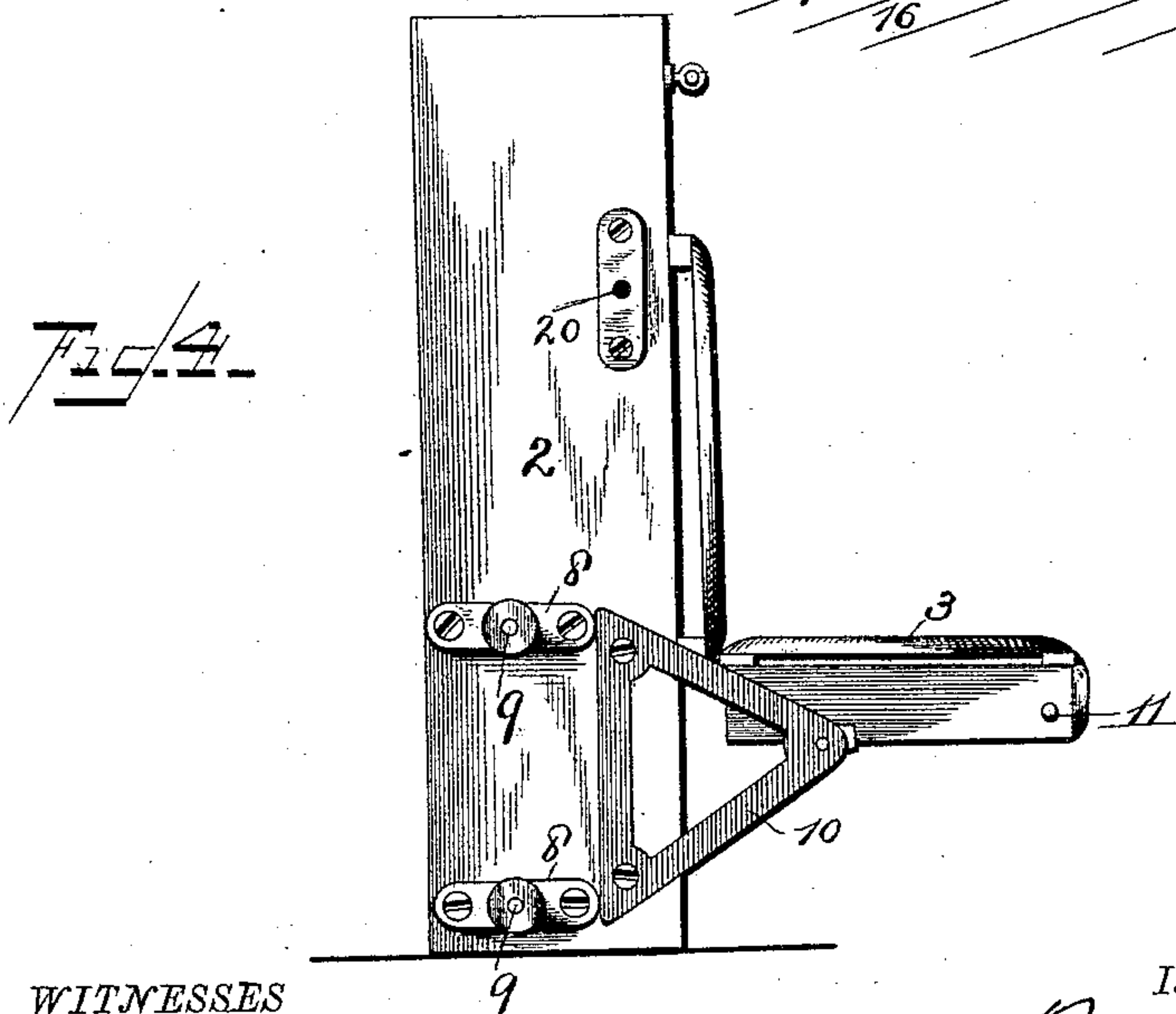
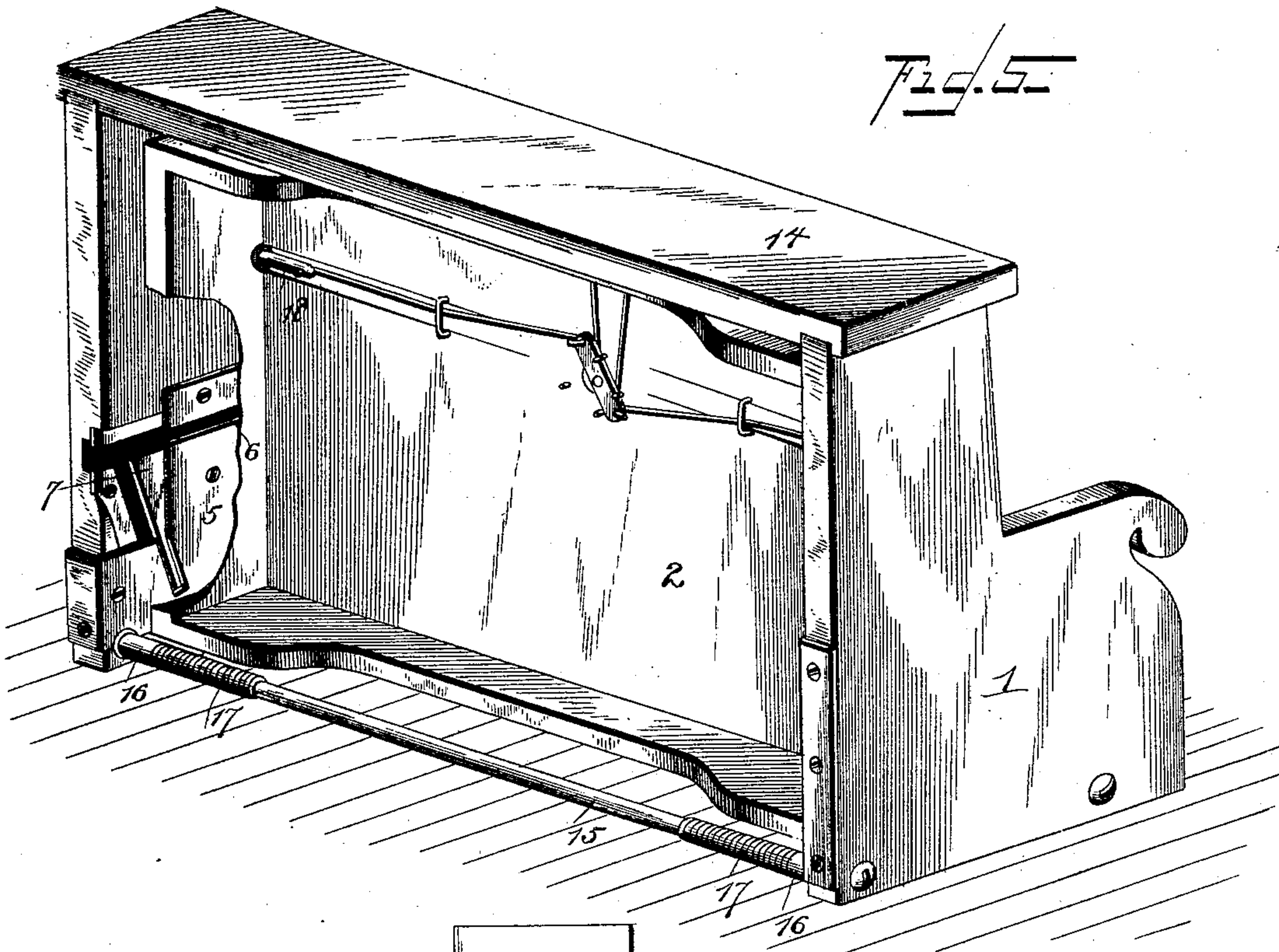
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# UNITED STATES PATENT OFFICE.

RICHARD D. CODY, OF WINONA, MINNESOTA.

## COMBINED SETTEE AND BED.

SPECIFICATION forming part of Letters Patent No. 444,529, dated January 13, 1891.

Application filed March 17, 1890. Serial No. 344,143. (No model.)

*To all whom it may concern:*

Be it known that I, RICHARD D. CODY, a citizen of the United States, residing at Winona, in the county of Winona and State of Minnesota, have invented certain new and useful Improvements in Combined Settee and Bed; and I 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, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

This invention relates to a combined settee and bed.

The object of the invention is to produce a device of the above description which shall be so constructed and arranged that it may instantly be converted from a bed to a settee, and vice versa, with a small amount of labor. A further object of the invention is to produce a combined bed and settee which shall be simple of construction, efficient and durable in use, and which may be manufactured at a nominal figure.

With these objects in view the invention consists, broadly, of a frame, a bed having a sliding pivotal connection therewith, and means for causing the said bed automatically to resume its closed position when open.

The invention further consists in the combination, with the said bed, of a pivoted seat or settee, and mechanism connecting the two, whereby when one is opened the other will be closed.

The invention further consists in the various novel details of construction, as will be hereinafter fully described in the specification, illustrated in the drawings, and more particularly pointed out in the claims.

In the accompanying drawings, forming a part of this specification, and in which like figures of reference indicate corresponding parts, I have illustrated one form of device embodying the essential features of my invention, although the same may be carried into effect in other ways without in the least departing from the spirit thereof, and in these drawings—

Figure 1 is a perspective view showing the device when used as a settee. Fig. 2 is a similar view showing it when used as a bed. Fig.

3 is an elevation of one of the ends, showing the means for holding the bed in place within the frame. Fig. 4 is a similar view of one end of the bed, showing plates carrying rollers for engaging tracks in the frame; and Fig. 5 is a rear perspective view of the device, a portion of one end of the bed and the frame being broken away to show the tracks mounted in the frame.

Referring to the drawings, 1 designates the frame which forms the support for the bed 2 and the settee or seat 3. This frame may be made of any suitable material and ornamented in any manner to meet the requirements of the case and produce a neat and finished appearance. Upon the inner side of each of the ends 4 is secured a metallic plate 5, provided with slots 6, which are approximately in the shape of a figure 7. The wood-work back of the said plates is cut away to form grooves of substantially the same shape as the slots 6, and between the plates and wood-work are secured tracks 7, adapted to be engaged by grooved rollers on the bed. These rollers may be held in place by any suitable means, but preferably in the manner shown—that is, by providing plates 8, having projections 9, on which the said rollers are journaled. As shown, only two of these roller-bearing plates are used on each end of the bed; but it is obvious that their number may be increased or diminished, if desired.

To each end of the bed is secured a support 10, which is by preference triangular in shape, and to which is pivoted the settee or seat 3, the ends of which seat are provided with studs or projections 11, adapted to engage curved tracks 12 on the frame, to cause the said seat to close up against the bed when opened, as shown in Fig. 2. These tracks or ways are further provided with recesses 13, in which the studs 11 fit when the bed is closed, whereby the outer edge of the settee is supported when used as a seat, and is prevented from sagging from constant use.

The frame of the bed is held together at the top by a cross-piece 14 and at the bottom by two or more rods 15. The rear rod has mounted at each end a revoluble collar 16, to which is secured one end of a coiled spring 17, the opposite end of which is rigidly se-



cured to the rod. Around each of these collars is wound a rope or chain, the upper ends of which are secured to the frame of the bed. Thus when the bed is lowered the rope or chain will be unwound, thereby tightening the spring and storing up sufficient power to cause it to overcome the weight of the bed and bring it to its closed position when desired. In order to hold the bed down two sliding bolts 18 are employed, which are actuated by means of a knob or handle 19 to engage with the recesses 13, and when raised to engage with openings 20 in the frame of the bed. The settee and bed-bottom may be upholstered in any manner desired, so as to make the device highly ornamental.

It will be readily seen from the foregoing description that, although this device is exceedingly simple of construction, it will be found of the highest efficiency and durability in use and simplicity of construction.

I would have it distinctly understood that I do not limit myself to the exact construction shown herein, but may vary widely therefrom in carrying my invention into effect.

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

1. In a combined settee and bed, the combination of a frame provided with tracks, a bed having rollers adapted to engage said tracks, ways carried by the frame, and a settee having a pivotal connection with the said bed and adapted to engage the said ways.

2. In a combined settee and bed, the combination of a frame having slots therein, tracks mounted adjacent thereto, a bed having rollers adapted to engage said tracks, supports carried by the bed, a settee pivoted in said supports, and ways on the frame adapted to engage said settee.

3. In a combined settee and bed, the com-

bination of a frame having slots therein, tracks adjacent thereto, a bed having grooved rollers adapted to engage said tracks, triangular-shaped supports carried by the bed, a settee pivoted in said supports, ways on the frame, and projections carried by the settee and adapted to engage said ways.

4. In a combined settee and bed, the combination of a frame having slots therein, tracks adjacent thereto, a bed having grooved rollers adapted to engage said tracks, a settee having a pivotal connection with the bed, ways on the frame adapted to engage said settee, a cross-bar carrying springs, and means for connecting the bed and springs to cause the former to resume its closed position when open.

5. In a combined settee and bed, the combination of a frame, a bed having a sliding pivotal connection therewith, a settee having a pivotal connection with the said bed, ways on the frame adapted to engage said settee, and a cross-bar having spring-actuated collars thereon, and means for connecting the said collars and bed, whereby the bed will be caused to resume its closed position.

6. In a combined settee and bed, the combination of a frame having slots therein, tracks adjacent thereto, a bed having grooved rollers adapted to engage said tracks, triangular-shaped supports carried by the bed, a settee pivoted in said supports, ways on the frame, projections carried by the settee and adapted to engage said ways, springs for causing the said bed to resume its closed position, and means for locking the bed in that position.

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

RICHARD D. CODY.

Witnesses:

EDWARD LEES,

W. A. FINKELNBURG.