

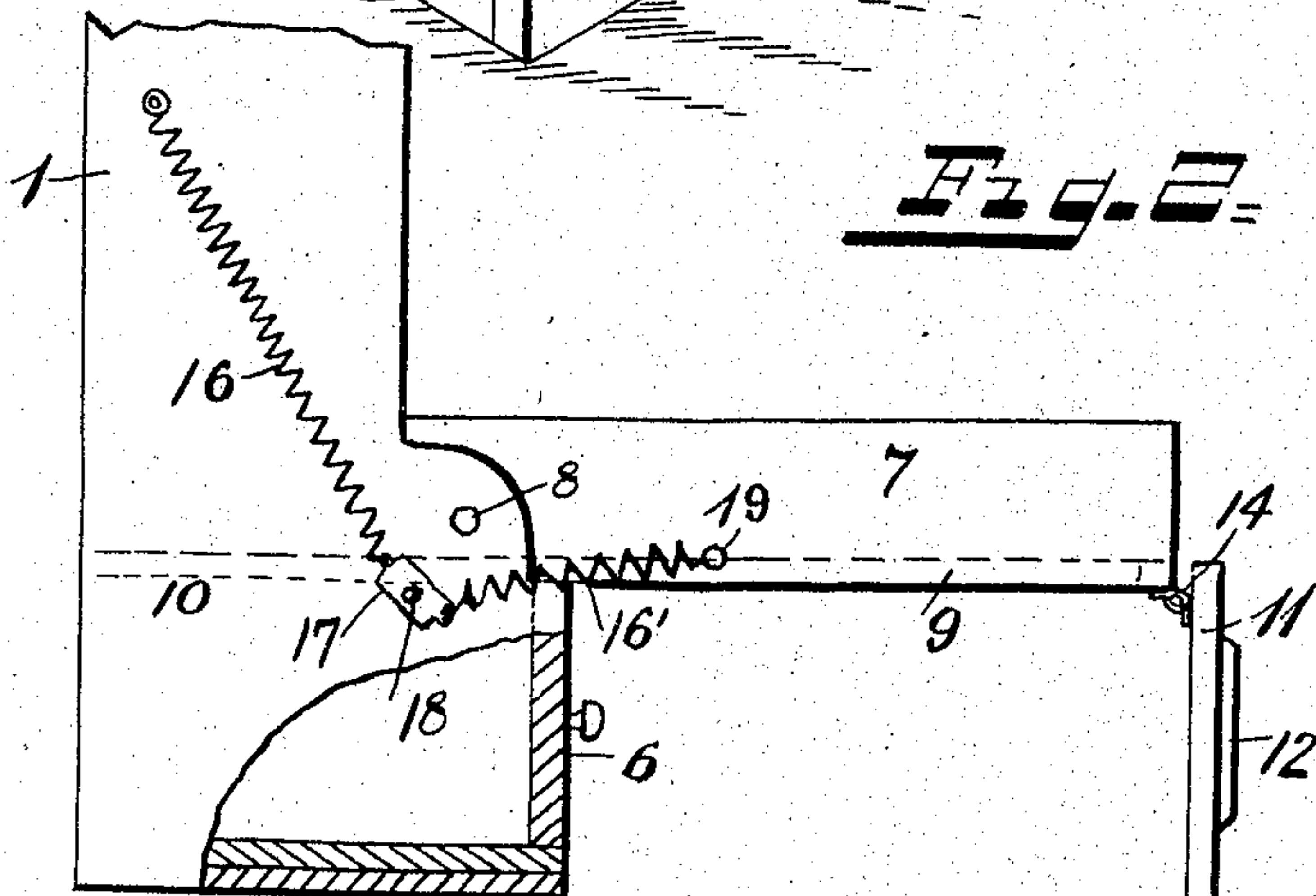
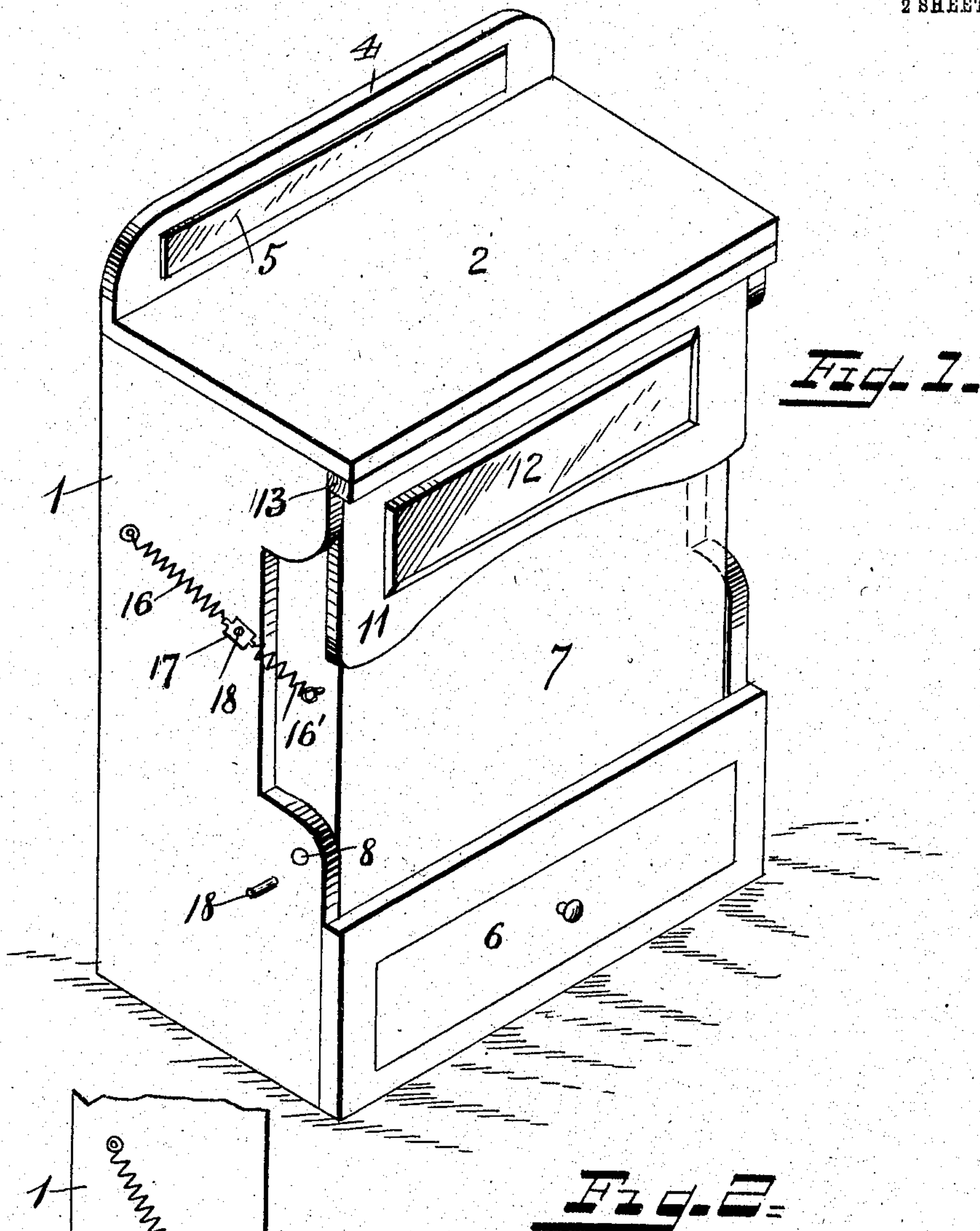
No. 791,857

PATENTED JUNE 6, 1905.

W. A. ARNOLD.
FOLDING BED.

APPLICATION FILED AUG. 25, 1904.

2 SHEETS—SHEET 1.



Witnesses
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Inventor
William A. Arnold
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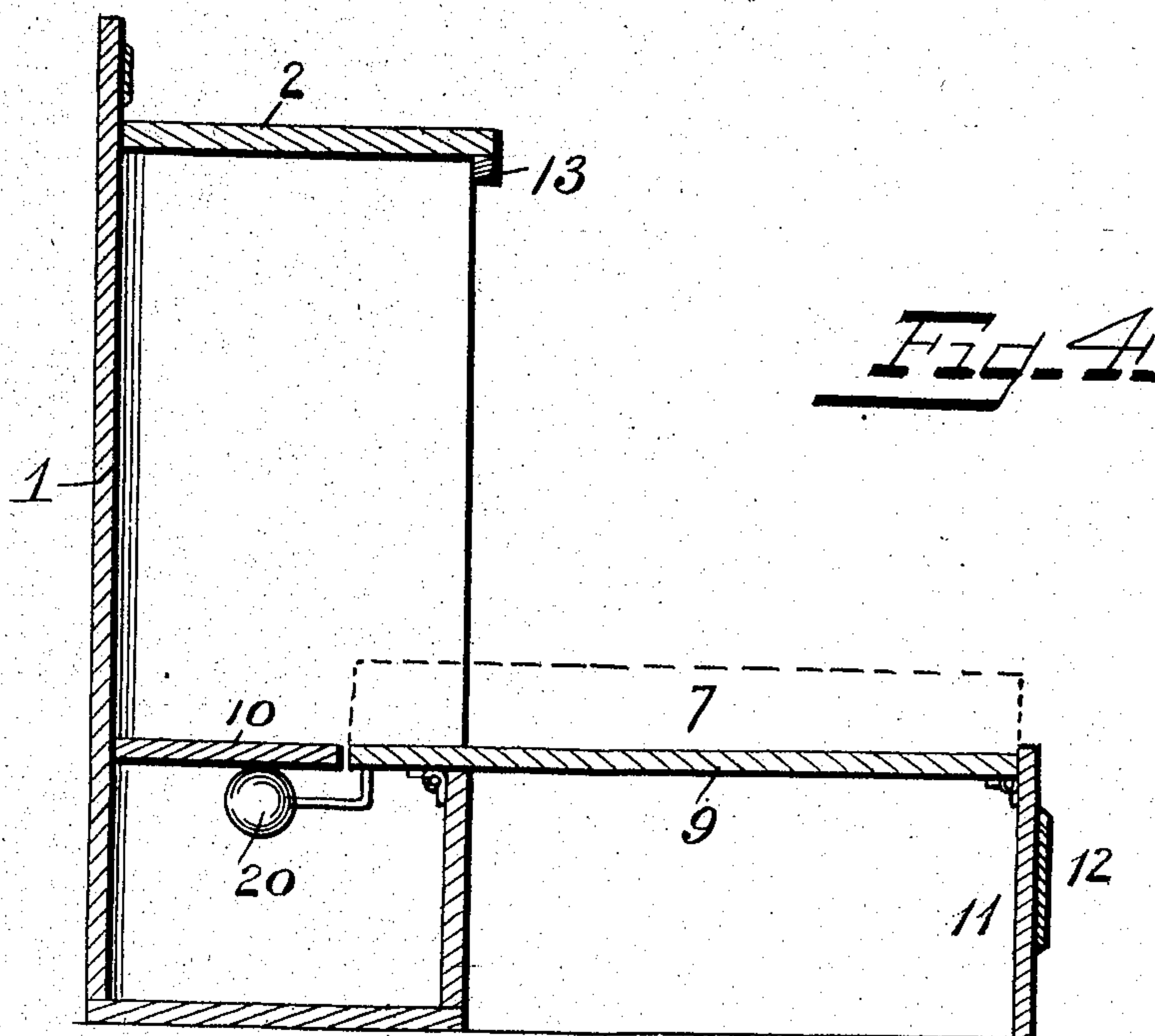
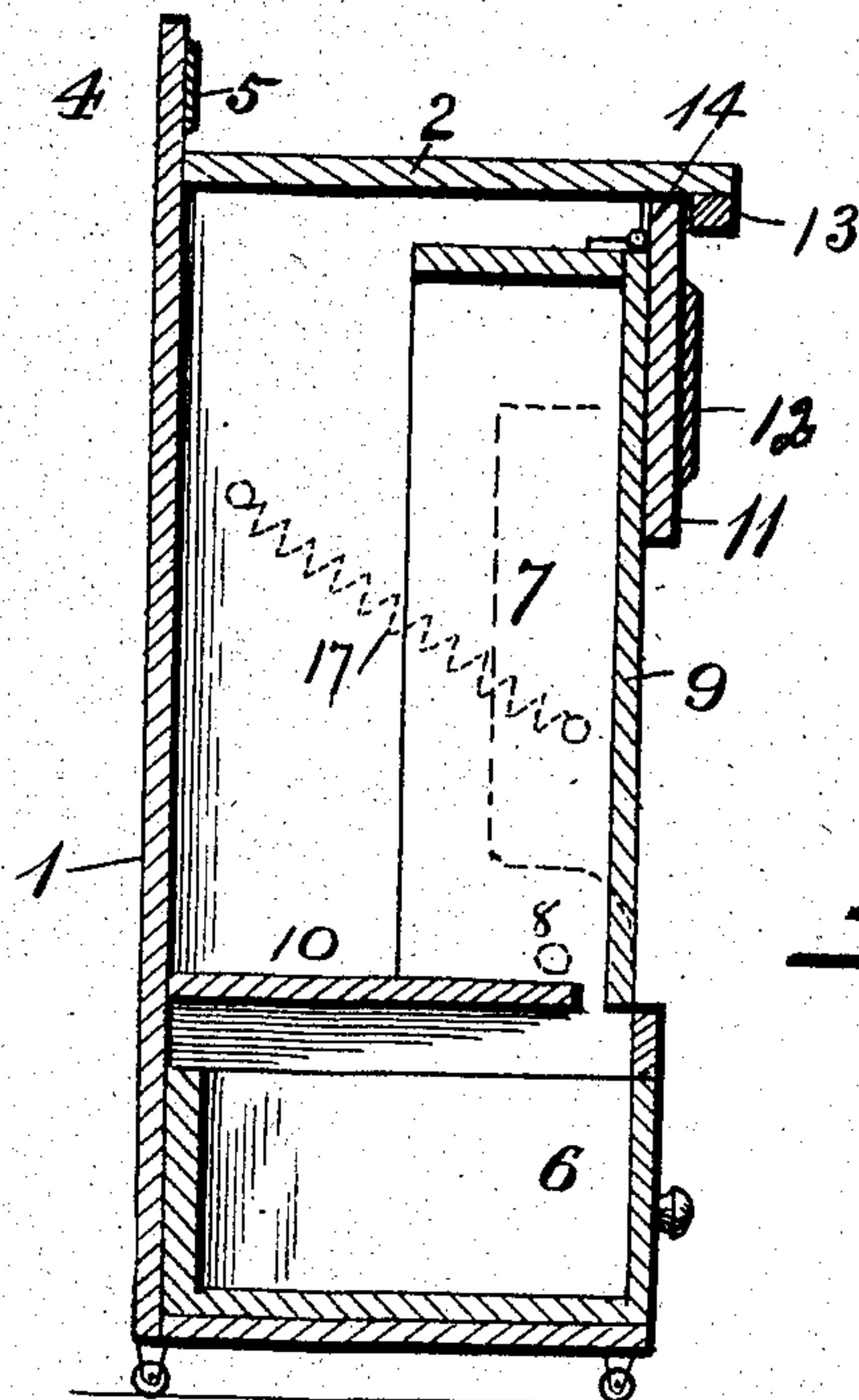
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2 SHEETS—SHEET 2.



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UNITED STATES PATENT OFFICE.

WILLIAM A. ARNOLD, OF FORT SMITH, ARKANSAS.

FOLDING BED.

SPECIFICATION forming part of Letters Patent No. 791,857, dated June 6, 1905.

Application filed August 25, 1904. Serial No. 222,128.

To all whom it may concern:

Be it known that I, WILLIAM A. ARNOLD, a citizen of the United States, residing at Fort Smith, in the county of Sebastian and State of Arkansas, have invented new and useful Improvements in Folding Beds, of which the following is a specification.

My invention is a combination bureau and folding bed; and it consists in the novel construction and arrangement of its parts.

In the accompanying drawings, Figure 1 is a perspective view of my combination bureau and folding bed. Fig. 2 is a detail view showing the folded part of the bed down. Fig. 3 is a vertical sectional view of my invention. Fig. 4 is a view showing a modified form of the bed, the folding part down.

The purpose of this invention is to furnish a combination bureau and folding bed that may be ornamental, useful, easily operated, and cheaply manufactured.

My invention is described as follows:

The numeral 1 refers to the box part of the bed in perspective.

2 shows the top of the box, made substantially in the shape and appearance of a bureau-top. Secured to the rear part of this top is a frame 4, carrying a mirror. This frame may be rigidly secured to the top, may be hinged thereto, or removably secured by any ordinary means. In the bottom of this box there may or may not be one, two, or more drawers 6.

The folding part 7 of the bed is secured to the box part near its lower end by hinges 8. These hinges may be bolts, strap-hinges, or other things known to the art. Extending from the bed 9 of the folding part 7 and on a line with said bed 9 is a bed-bottom, (represented by the dotted lines 10,) so that the two bottoms 9 and 10 will produce a straight surface. These two bottoms 9 and 10 may be spring-bottoms or may be constructed to hold a bed-spring. Hinged to the foot end of the folding part 7 is a foot-piece 11, and secured in the outer face of said foot-piece 11 is a mirror 12; but said mirror may be attached to the face of the folding part 7. The folding part 7 works inside of the box part 1, as shown

in Fig. 1; but I do not confine myself to this particular construction, because the bed may be made with the front part of the box straight, and the folding part of the bed may fold up against the same, and the foot 11 may extend up above the box part of the bed, and said foot may be rigidly secured to the folding part 7 or may be hinged thereto. In order to hold the said folding part up, instead of using hooks, bolts, and the like I have for the purpose of ornamentation and convenience secured to the front edge and lower face of top 2 molding 13.

The upper edge 14 of the foot-piece 11 extends a little above the lower wall of the folding part 7. The folding part 7 does not quite reach to the top of the box part, and there is room enough left for the foot part to pass under the molding 13, the footboard being held in a horizontal position while thus passing. When passed, the said footboard is permitted to fall down in a vertical position, and thus said folding part is held up. (See Figs. 1 and 3.) In order to raise the foot part conveniently, I provide springs 16, one on each side of the bed, one end of said springs being secured to the box part and the other to the folding part.

The springs are strong enough to nearly raise the folding part. The said springs are each provided not far from their lower ends with a perforated plate 17, and when the folding part is down and hooked over the pins 18 thus the rear ends of the parts 16' of said springs 16 are a little lower than the points 19, where their front ends are secured to said folding part. To raise the folding part, I simply slip the perforated plates 17 off of the pins 18 and give the folding part a little upward push, and the said springs carry it up.

I do not confine myself to using the two springs 16, because I may in some cases use but one. Neither do I confine myself to the use of springs alone. I may use auxiliary weights 20, or I may entirely dispense with the springs and use weights of sufficient heft to raise the folding part. The weights are so arranged as not to interfere with the drawers or impinge against the front wall of the box 1.

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

1. A folding bed consisting of an upright
5 box 1, having near its lower end a bed-bottom
10, and at its top a molding 13, secured to the
front edge and lower face of the top 2; a foot
11, hinged to the free end of the folding part;
springs 16, each provided near its lower end
10 with a perforated plate 17, one end of said
springs secured to said box and the other end
to said folding part; pins 18, secured on each
side of said box, on a line with said bed-bot-
tom 10; said plates adapted to be hooked over
15 the pins 18, when the folding part is down,
substantially as shown and described and for
the purposes set forth.

2. A folding bed consisting of an upright

box 1, having near its lower end a bed-bottom
10; a folding part 7, hinged in such position 20
that its bottom wall 9, is on a line with said
bed-bottom 10; springs 16, each provided,
near its lower end, with a perforated plate 17,
one end of said springs secured to said box,
and the other end to said folding part, and 25
pins 18, secured in each side of said box on
a line with said bottom 10, said plates adapted
to be hooked over the pins 18, when the fold-
ing part is down, substantially as shown and
described and for the purposes set forth. 30

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

WILLIAM A. ARNOLD.

Witnesses:

MILTON P. BOYD,
JOS. V. FERRARI.