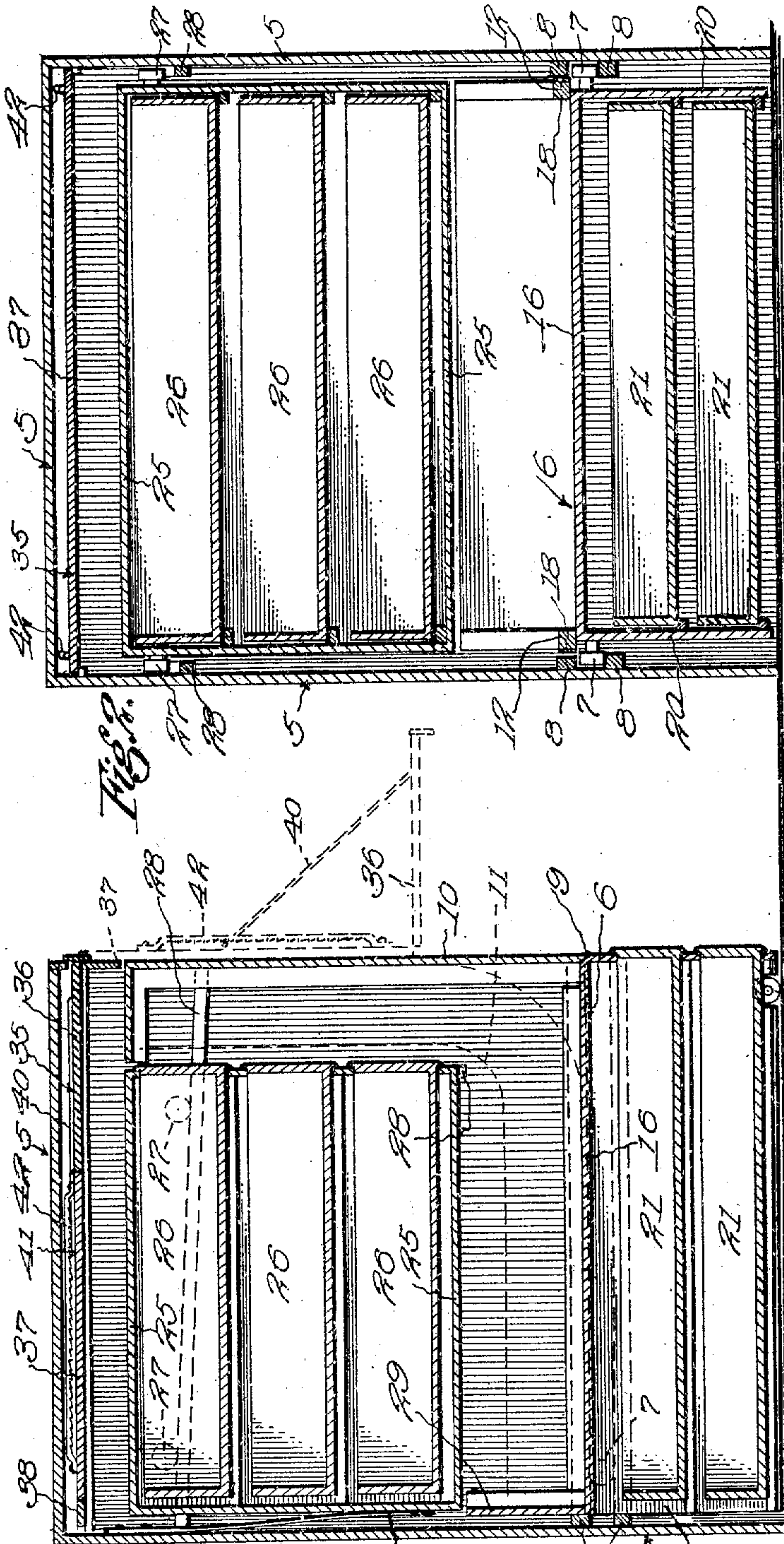


W. A. SNYDER.  
FURNITURE.

APPLICATION FILED JAN. 20, 1910.

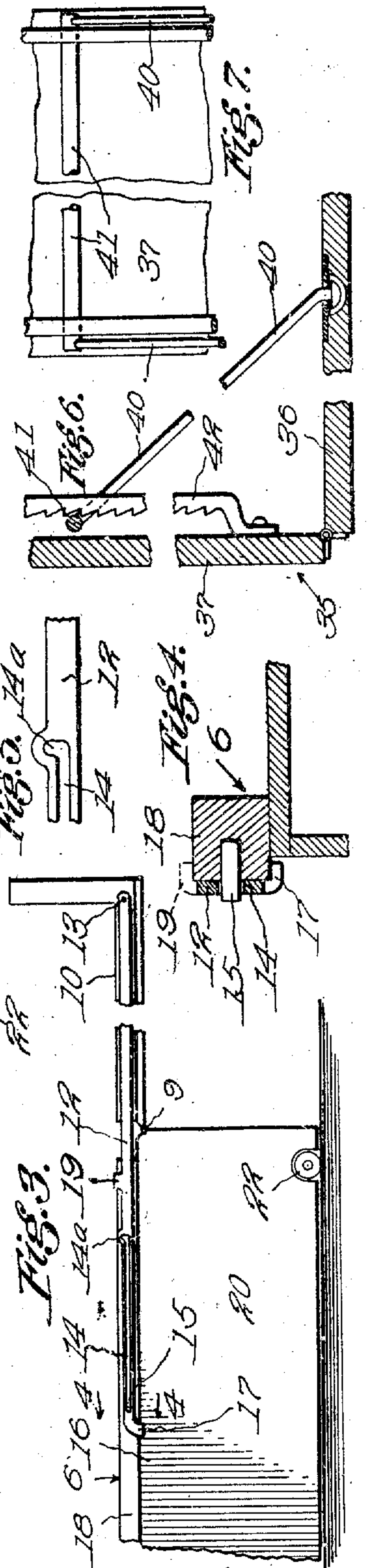
959,631.

Patented May 31, 1910.



Witnesses  
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Cesar G. Macy.

Fig. 1.



Inventor  
William A. Snyder  
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his atty.



# UNITED STATES PATENT OFFICE.

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FURNITURE.

959,631.

Specification of Letters Patent.

Patented May 31, 1910.

Application filed January 20, 1910. Serial No. 539,037.

*To all whom it may concern:*

Be it known that I, WILLIAM A. SNYDER, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented new and useful Improvements in Furniture, of which the following is a specification.

This invention relates to a combination of a bed with other articles of furniture in such a manner that the bed and other articles may be operated in conjunction with each other or in independence of each other.

The prime object of the invention is the provision of a furniture construction for the purpose noted, which will occupy a minimum space when folded up.

In the accompanying drawings, Figure 1 is a longitudinal section of my improved device. Fig. 2 is a central cross section thereof. Fig. 3 is a detail elevation of the outer end of the bed frame. Fig. 4 is an enlarged detail cross section taken on line 4-4 of Fig. 3. Fig. 5 is an enlarged detail of a portion of the stiffening and holding means for the end of the bed frame. Fig. 6 is an enlarged sectional detail showing the construction of the writing desk. Fig. 7 is a front elevation of a portion of the devices shown in Fig. 6.

In the drawings 5 designates a cabinet of any desired construction, separate or embodied in the walls of a structure. Within this cabinet and at the lower end thereof is mounted a bed frame 6. The inner end of the frame is supported on rollers 7 which move horizontally between rails 8 both above and below the rollers, the inner end, or head, of the bed being thus restricted to motion in a horizontal plane and prevented from either rising or falling. The bed frame is longer than the cabinet is deep and would normally project from the cabinet but for being hinged at 9. This hinge allows the outer or foot portion 10 of the bed frame to be swung to the vertical position illustrated so as to close the upper portion of the cabinet opening. The mattress then rests as indicated in dotted lines as at 11.

On each side of the bed frame is a stiffening and holding bar 12, this bar being pivoted at 13 to the foot portion 10 of the frame and having a slot 14 in its other end, which slot encompasses a pin 15 mounted on the head portion 16 of the frame. At the end of the bar a lip 17 turns in under rail 18 so as to prevent the upward move-

ment of that end of the bar; while at the center of the bar a lip 19 projects over the rail 18 and thus prevents the downward movement of the outer end of the bar. By this means the outer or foot portion of the bed is prevented from being moved downwardly by any weight placed upon it, the inner end of the bed frame being prevented from moving upwardly by means of rails 8. At 14<sup>a</sup> a notch is made at the end of the slot 14, this notch engaging with pin 15 when the bed frame is in the position shown in Fig. 1, thus holding the frame in that position. When it is desired to release the frame it is only necessary to raise the bars.

Underneath portion 16 of the bed frame a box structure 20 is built, this structure affording a housing for drawers 21. At the lower forward end of this box structure are placed rollers 22 which movably support that end so that the whole bed frame may be moved out of the cabinet into the adjoining room.

Directly above the horizontal portion of the bed frame and behind the vertical portion is a drawer inclosing box 25, having drawers 26 therein. This box is supported on rollers 27 running on rails 28 which are slightly inclined downwardly toward the front of the cabinet, the tendency being for the box of drawers to always move toward the front when the bed is withdrawn. A small cleat or lug 28 on the forward lower edge of the box 25 also engages with head 29 in order to positively move the box forwardly. Also there is a spring 30 provided behind the box for forcing the box forwardly.

Directly above the drawer box and the bed is a writing desk structure 35, this structure being formed of three panels 36, 37 and 38, all hinged together in such a manner as to bend to the relative dotted positions shown in Fig. 1. When drawn out of the cabinet, the different panels are placed in the configuration shown, panel 38 still being within the cabinet, panel 37 hanging down the front of the cabinet, and panel 36 forming the desk proper. Panel 36 is supported in its horizontal position by rods 40 which are attached to a cross bar 41 passing under ratchet bars 42 attached directly to panel 37. By means of bar 41 engaging with ratchet teeth on the ratchet member, the panel 36 may be held in any desired position. When it is desired to slide the desk

construction inside the cabinet, the bars 40 are flattened out on the panels as illustrated.

From the foregoing it will be seen that my invention consists of a combination of a bed  
5 frame with drawers or other conveniences in such a manner that the whole takes up a minimum space. In the present construction the depth of the cabinet need not exceed four feet and the height about the same. Within  
10 this space a large number of conveniences, as above described, are located.

Having described my invention, I claim:

1. A furniture construction, comprising a cabinet, a bed frame slidably mounted in the  
15 cabinet, the bed frame being hinged and the foot portion adapted to swing to a vertical position to close the cabinet opening, a member mounted in the cabinet above the horizontal portion and behind the vertical por-  
20 tion of the bed frame, and means to move the member forwardly when the bed frame is moved out of the cabinet.

2. A furniture construction, comprising a cabinet having an open front, a bed frame  
25 slidably mounted within the cabinet, the outer portion of the bed frame being hinged to the inner portion so as to be swung to a vertical position to close the upper portion of the cabinet opening, a drawer containing  
30 member slidably mounted in the cabinet above the horizontal portion of the bed frame and behind the vertical portion thereof, means to force the drawer containing member forward when the bed frame is  
35 moved forwardly, and means to hold the two portions of the bed frame in their relative angular position.

3. A furniture construction, comprising a cabinet, a bed frame horizontally slidable in  
40 the cabinet, the frame being hinged near its center so that one portion of the frame may

be swung to a vertical position, a member slidably mounted in the cabinet above the horizontal portion and in back of the vertical portion of the bed frame, and means 45 to move the member forwardly.

4. A furniture construction, comprising a cabinet open at its front, a bed frame horizontally slidable in the cabinet, the frame being hinged near its center so that one por- 50 tion of the frame may be swung to a vertical position to close the opening at the front of the cabinet, rails arranged within the cabinet above the horizontal portion of the bed frame and behind the vertical portion thereof and sloping downwardly toward 55 the front of the cabinet, and a member movably mounted on the rails.

5. A furniture construction, comprising a cabinet open at its front, a bed frame hori- 60 zontally slidable within the cabinet, the frame being hinged intermediate its ends so that the outer portion of the frame may be swung to a vertical position to close the upper part of the cabinet opening, rails 65 mounted on the inside of the cabinet above and behind the bed frame, the rails sloping downwardly toward the front of the cabinet, a drawer containing member movably mounted on the rails, and means on the bed 70 frame and on the drawer containing member adapted for inter-engagement so that the member is moved forwardly when the bed frame is moved forwardly out of the cabinet. 75

In witness that I claim the foregoing I have hereunto subscribed my name this 11th day of January 1910.

WILLIAM ASHLEY SNYDER.

Witnesses:

ELWOOD H. BARKELEW,  
CORA E. MONTGOMERY.