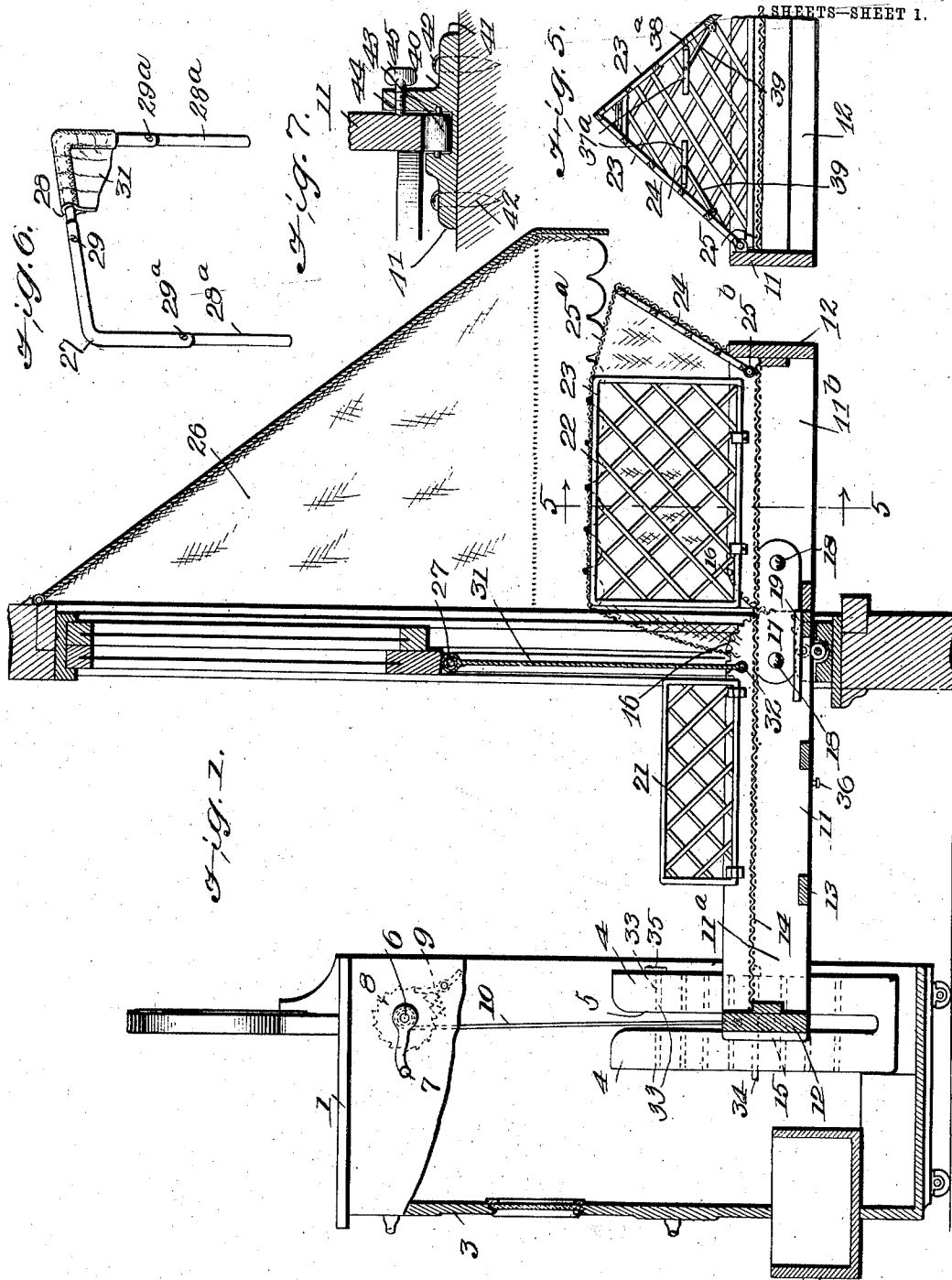


R. E. CARLTON.
ADJUSTABLE WARDROBE BED.
APPLICATION FILED SEPT. 28, 1908.

Patented Jan. 25, 1910.

947,730.

2 SHEETS—SHEET 1.



WITNESSES
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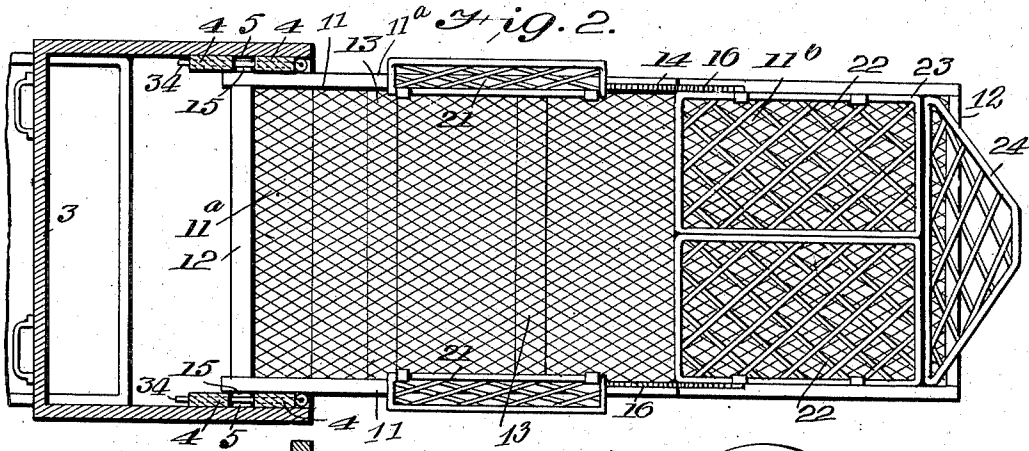


Fig. 3.

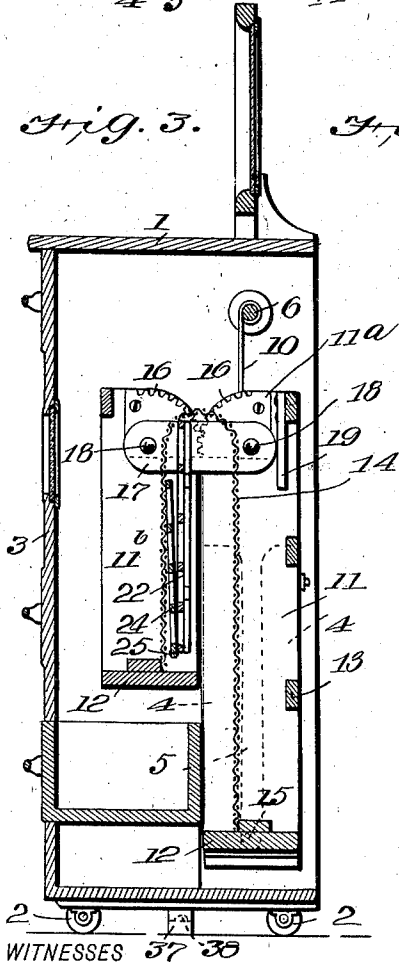
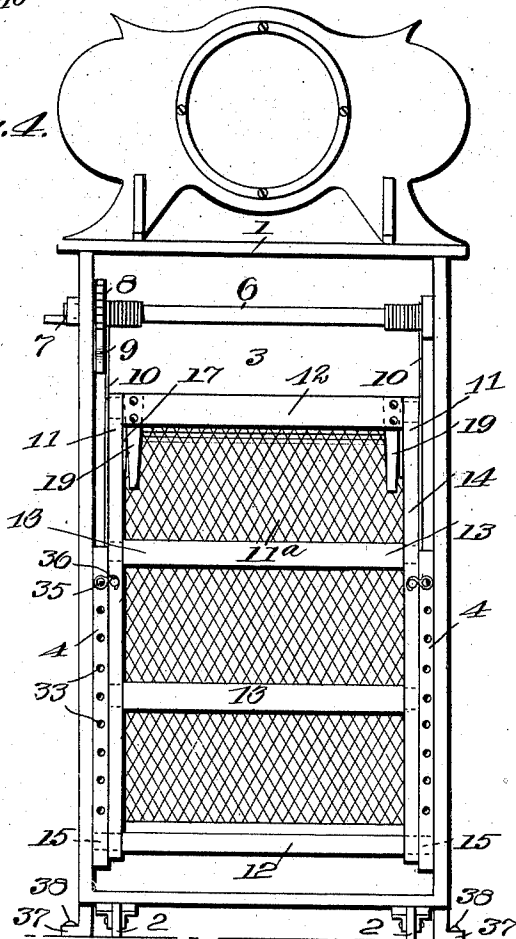


Fig. 4.



WITNESSES 37 38

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UNITED STATES PATENT OFFICE.

ROBERT E. CARLTON, OF LATONIA, KENTUCKY.

ADJUSTABLE WARDROBE-BED.

947,730.

Specification of Letters Patent. Patented Jan. 25, 1910.

Application filed September 28, 1908. Serial No. 454,990.

To all whom it may concern:

Be it known that I, ROBERT E. CARLTON, a citizen of the United States, and a resident of Latonia, in the county of Kenton and State of Kentucky, have invented certain new and useful Improvements in Adjustable Wardrobe-Beds, of which the following is a specification.

My invention is an improvement in adjustable wardrobe beds and consists in certain novel constructions and combinations of parts hereinafter described and claimed.

The object of the invention is to provide a folding bed especially adapted for the use of persons suffering with phthisis, and so arranged as to permit such persons to breathe the outer air while the body is protected within the house.

A further object of the invention is to provide a bed of the class described, which may be adjusted to any height of window, and to any reasonable size of window opening.

Referring to the drawings forming a part hereof, Figure 1 is a longitudinal section of the bed and the window casing, Fig. 2 is a plan view of the bed. Fig. 3 is a longitudinal section showing the bed in folded position. Fig. 4 is a rear view. Fig. 5 is a section on the line 5—5 of Fig. 1, Fig. 6, is a detail perspective view of a portion of the frame which engages the window casing, and Fig. 7 is a sectional view of a bracket adapted to be placed on the window sill for supporting the side plates.

The present embodiment of the invention comprises a casing 1, of suitable shape and construction, which may be provided with rollers 2, and with an ornamental front 3, representing a chiffonnier, the uppermost drawers of which are dummies. The back of the casing is open and at each side adjacent to the opening is provided a pair of spaced parallel plates 4, forming a groove or guide-way 5 therebetween, and a shaft 6 is journaled in the casing, above the guide-ways, the end of the shaft outside of the casing being provided with a crank 7, and inside of the casing with a ratchet wheel 8, engaged by a spring pressed pawl 9, to prevent rotation of the shaft in one direction. Ropes or cables 10 are wound upon the shaft near each end, one end of each rope being connected with the shaft, and the other end with the frame of the bed proper to be presently described.

The frame comprises side plates 11, and

end plates 12, the side plates being connected at intervals by cross bars 13, and a mattress 14 is arranged between the side plates and the end plates, and the ropes 10 before mentioned are connected with the end plate 12 adjacent to the casing, the ends of the said end plate being provided with trunnions 15, which engage the guide ways 5 before mentioned.

The side plates 11 are divided at a point somewhat nearer their free end than their attached end, and the adjacent ends of the section are rounded on their upper corner and provided with teeth 16, the teeth of the one section meshing with the teeth of the other section. The sections are connected together by a hinged plate 17 pivoted to each section as at 18, the point of pivotal connection being the center of the circle upon which the rounded corner is struck.

It will be evident from the description, that by turning the shaft 6, the attached end of the bed may be adjusted in height in accordance with the height of the window upon which the outer end of the bed is intended to rest, and may be retained in such position by the pawls 9.

It will be evident from the description that the bed is divided into two sections, an inner section 11^a, and an outer section 11^b, the inner section being of greater length than the outer section. When used in connection with a window, the outer section is adapted to rest upon the sill as shown in Fig. 1, and when not so used, the outer end of the said section is provided with a folding foot 19, which is adapted to rest upon the floor to support the outer end of the bed.

The inner section is provided with hinged side guards 21, at each side, and the outer section is also provided with hinged side guards 22 which are of greater height than the side guards 21, and the free edges of the side guards 22 are adapted to meet at the center of the bed, forming a tent shaped structure. A substantially triangular end guard or gate 24 is hinged between the side plates at 25, and each of said side guards and the end gate are of reticulated material as shown, and a mosquito netting or the like may be supported by the said boards and the gate.

The end gate 24 is hinged as before stated as at 25^b to the side plates, at a point below the upper edge thereof, so that when the said gate is permitted to take the position shown

in Fig. 1, it will be supported by the adjacent end plate 12. If desired an awning 26 may be arranged above the outer section of the bed.

5 Within the window opening is arranged a frame consisting of members 27, each member consisting of a hollow horizontal and a hollow vertical arm. The vertical arms are engaged by rods 28^a, which are retained in
10 position by set screws 29^a and whose lower ends rest on the window-sills outside of the side plates of the bed. The horizontal arm of one member has secured therein a rod, which is slidable in the horizontal arm of
15 the other member, and retained in adjusted position by a set screw 29. The frame supports a fabric cover 31 whose lower free edge is provided with an elastic cord 32 extending the full width of the frame. The elastic
20 cord is arranged to rest across the body of the person sleeping in the bed, whereby to cut off the room from the outer air.

The plates 4 are provided with a series of aligned transverse openings 33, through which
25 is adapted to be passed a pin 34, above the trunnions 15 for preventing upward movement of the attached end of the bed, after it is adjusted to a proper vertical position. Hooks 35 are also connected with the upper
30 ends of the plates 4 and are adapted to engage pins 36, on the side plates of the bed whereby to retain it in its closed position.

The bottom of the casing is provided at each side with angle plates 37, having open-
35 ings through which may be passed screws 38 whereby to secure the casing to the floor if so desired.

Tables 37^a may be hinged to the side guards as at 38^a and braced by hinged braces
40 39, the tables or racks being adapted to support a sputum cup or the like and being arranged within reach of the occupant.

The bracket 40 shown in Fig. 7 is provided with lateral lugs 41, having openings
45 through which may be passed securing means 42, and a roller 43 is journaled in each bracket upon which rests the lower edge of the side plate 11. One of the sides of the bracket is extended upwardly as at
50 44, and a set screw 45 is threaded through

the extended side for engaging the side plate whereby to secure it in adjusted position. The roller permits the side plate to slide easily inwardly or outwardly, and when the bed is in proper position, the set screw will
55 prevent further movement of the side plates.

It will be understood that a bracket is arranged upon each side of the bed.

I claim:

1. A device of the class described, comprising a casing having an open back, guide ways on the sides of the casing, adjacent to the back, a bed frame comprising hinged sections, said frame being provided at one end with trunnions engaging the guide ways,
65 a shaft journaled in the casing above the guide ways, and provided with means for rotating the same outside of the casing, a ratchet wheel on the shaft, a pawl engaging the wheel for preventing rotation of the
70 shaft in one direction, cords winding upon the shaft, and connected with the bed frame, side guards hinged to each of the bed sections, the side guards on the outer section being of greater height and whose free edges
75 are adapted to meet above the bed, an end gate hinged to the bed frame at the outer end thereof, and means engaging the trunnions for retaining the bed in adjusted position.
80

2. A device of the class described, comprising a casing having an open back, guide ways on the sides of the casing, adjacent to the back, a bed frame comprising hinged sections, said frame being provided at one
85 end with trunnions engaging the guide ways, a shaft journaled in the casing above the guide ways, and provided with means for rotating the same outside of the casing, a ratchet wheel on the shaft, a pawl engaging
90 the wheel for preventing rotation of the shaft in one direction, cords winding upon the shaft and connected with the bed frame, and means engaging trunnions for retaining the bed in adjusted position.

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Witnesses:

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