

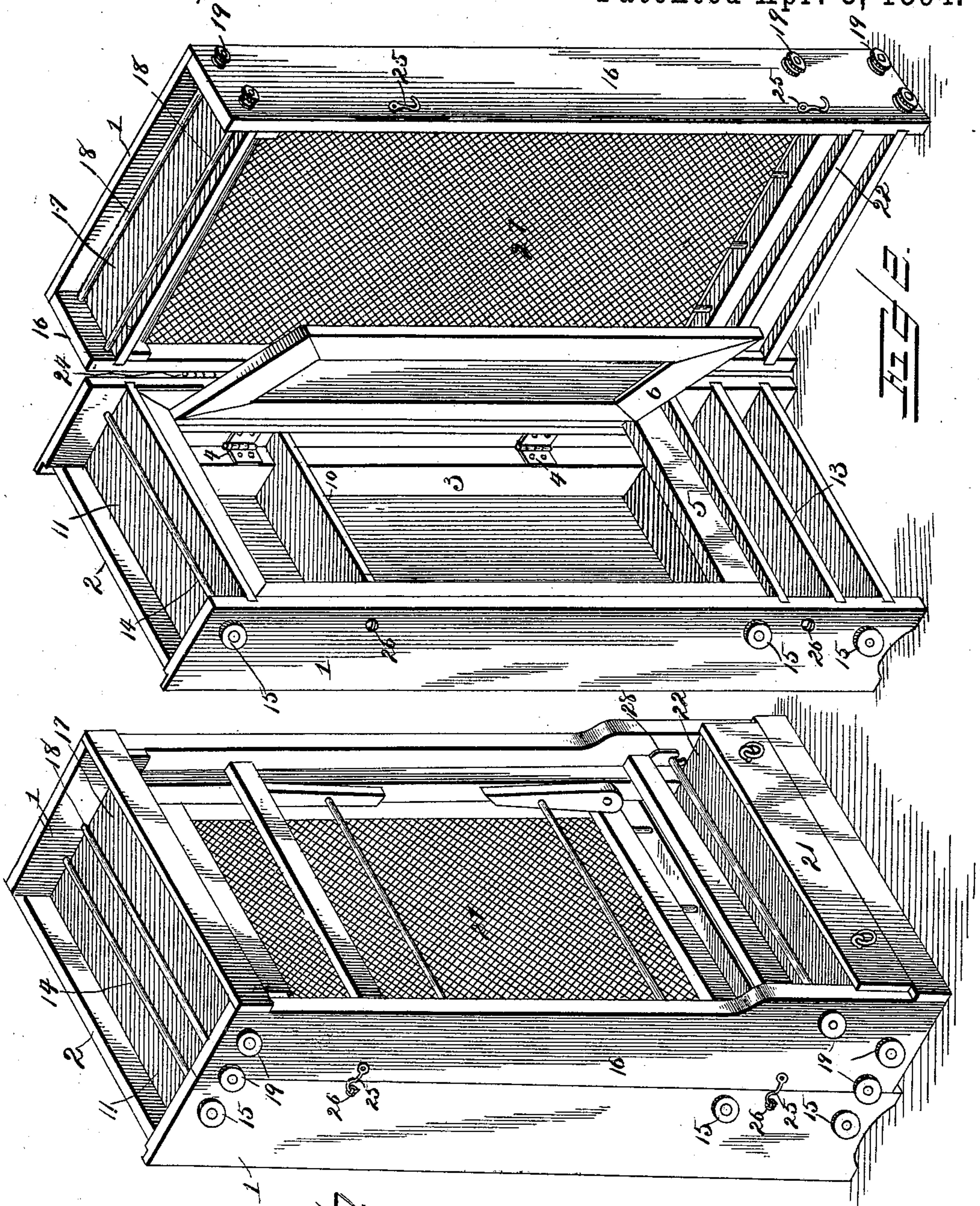
(No Model.)

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S. C. HOPKINS.
COMBINED COT AND WARDROBE.

No. 517,458.

Patented Apr. 3, 1894.



Witnesses

W. C. Schneider

John H. Siggers

By his Attorneys,

C. A. Snow & Co.

Inventor
S. C. Hopkins

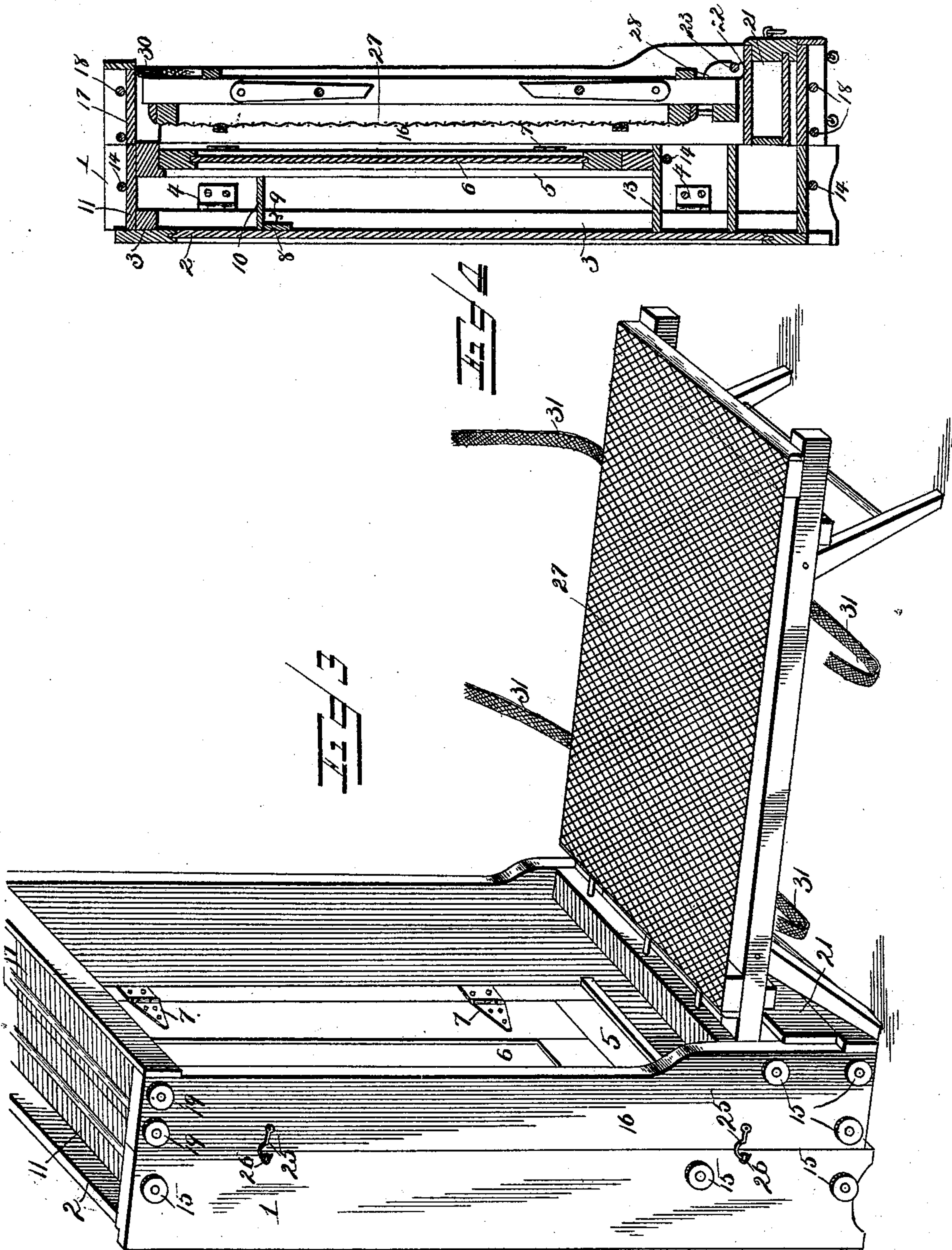
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UNITED STATES PATENT OFFICE.

SAMUEL C. HOPKINS, OF THE UNITED STATES ARMY.

COMBINED COT AND WARDROBE.

SPECIFICATION forming part of Letters Patent No. 517,458, dated April 3, 1894.

Application filed November 18, 1892. Serial No. 452,400. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL C. HOPKINS, of Company B, Twentieth Infantry, United States Army, a citizen of the United States, residing at Fort Assinaboine, in the county of Choteau and State of Montana, have invented a new and useful Combined Cot and Wardrobe, of which the following is a specification.

My invention has relation to improvements in folding beds, the objects in view being to provide a combined bed and wardrobe, the same being adapted to be readily disconnected and taken apart for storage during transportation and when assembled to serve as a convenient bed and wardrobe that may be folded so as to occupy a minimum space.

Heretofore at military posts where floor space must be economized, and where the squad-rooms are, during bad weather, employed as drill-rooms, great difficulty has been experienced in securing the desired space, by reason of the fact that the limited space allotted to each squad has been so completely occupied by the bunks or cots and lockers of the men. By my invention I propose to obviate this inconvenience by combining a cot and wardrobe capable of being separated and taken apart for transportation and storage, and also of folding snugly together so as to occupy the minimum space and leave ample room for the evolutions of the squad when it is desired to employ the squad-room for such a purpose.

With these objects in view the invention consists in certain features of construction hereinafter specified and particularly pointed out in the claims.

Referring to the drawings:—Figure 1 is a perspective view of a combined cot and wardrobe constructed in accordance with my invention. Fig. 2 is a similar view thereof, the cot being swung to one side to give access to the wardrobe and the door of the latter being open to expose the interior. Fig. 3 is a perspective view, the cot being lowered to an operative position. Fig. 4 is a vertical transverse sectional view through the structure, the parts being in the position occupied by them as in Fig. 1.

Like numerals of reference indicate like parts in all the figures of the drawings.

In practicing my invention I propose to con-

struct the entire device without the employment of nails or screws, and to assemble the parts by such devices as may be readily removed by hand and without the use of any tools whatever, or in other words, to render the device capable of being totally disconnected and its parts packed flat whereby it is adapted for shipment or transportation as well as storage.

In constructing the wardrobe I employ a pair of opposite sides 1, rabbeting the rear ends thereof to receive a back 2, which is provided at its opposite edges and inclosed by the sides with vertical strips 3, connected at their front ends by ordinary butt-hinges 4 with the inner surfaces of the sides, whereby, as will be obvious, the sides may be swung inward upon the back and thus these three elements which constitute the main portion of the wardrobe may be packed flat. A rectangular frame 5, is interposed between the sides at the front edges thereof, and the same forms a jamb for a door 6, which is connected by butt-hinges 7 to said frame. The back is provided with a cross-strip 8, from which extends a series of hooks 9, for the accommodation and suspension of apparel. To this cross-strip 8 is also secured a shelf 10. Above the frame 5 the sides are provided with transverse rabbets or grooves and in the same is inserted the top 11. Similar rabbets or grooves are formed below the frame 5 which preferably does not extend to the bottom of the structure, and if desired two or more pairs of rabbets or grooves may occur below the pair mentioned and in each pair there is seated removably a shelf 13, the upper shelf serving as the bottom of the compartment or interior of the wardrobe, while the lower shelves may be employed for any useful purpose. Above the top and below the bottom of the compartment, and also below the lowermost shelf 13, there are passed through perforations formed in the sides, tie-rods 14, said rods having their opposite ends threaded and provided with milled thumb-nuts 15.

Of course if the wardrobe is not intended to be "knock-down" or collapsible, any means may be provided for securing the parts permanently together, and in such instance, the rabbets and hinges for connecting the sides and back together could be omitted.

The bed-frame corresponds in shape to the

wardrobe, and consists of the vertical side-bars 16 rabbeted near their upper edges and receiving an interposed top 17, above which they are connected by tie-rods 18 passed through perforations in the sides 16, threaded, and provided with milled-nuts 19. Near their lower ends a bottom 20 is inserted in rabbets formed in the sides and similar tie-rods and milled nuts 18 and 19 are located below the bottom. The lower ends of the sides 16 are provided with casters, whereby they are supported slightly above the lower ends of the sides 1 of the wardrobe. If desired, a drawer 21, may be located in the bottom bed-frame and a false bottom or partition 22 located over the drawer.

A tie-rod 23 is passed through the bed-frame above the false bottom and is provided with milled nuts. The inner edge of one of the sides 16 is connected by a pair of butt-hinges 24 with the adjacent edge of the wardrobe, and a pair of hooks 25 are located upon the opposite side 16 and are designed to engage a pair of eyes 26 on the sides 1, whereby it will be obvious that the bed-frame may be swung away from the wardrobe so as to give access to the same and permit of an opening of its door, or may be swung toward the wardrobe and locked in position through the medium of the hooks and the eyes.

27 designates an ordinary woven-wire cot, whose construction is of the ordinary kind, and so common as not to require any description, with the exception that the lower end of the cot is provided at its opposite side bars with a pair of cast-metal hooks 28, which are designed to engage with the tie-rod 23, whereby the cot is hinged within the bed-frame and may be swung up into the same or lowered therefrom. When lowered to an operative position, as shown in Fig. 3, the legs of the cot may be swung down to support it and when swung up to a vertical position a spring-bolt 30, located upon the upper end of the cot or what would be the foot of the cot, may be thrown into engagement with an opening formed in the under side of the top 17 of the bed-frame, whereby the cot is held in a vertical position during the swinging of the bed-frame to give access to the wardrobe. In the movements of the bed-frame the same are facilitated by means of the casters at the lower ends thereof so that it will swing open or close with nearly as much facility as an ordinary door. The bed-clothes are secured upon the cot by means of bands 31, as is commonly the case in folding-beds.

From the foregoing description, in connection with the accompanying drawings, it will be seen that I have provided a combined cot and wardrobe that is capable of being detached and their parts separated and conveniently and flatly packed, whereby they may be transported readily; that such construction of the parts may be accomplished with-

out the intervention of hand tools, such as screw-drivers, wrenches, and hammers, as is ordinarily the case in separating the parts of a bed or wardrobe, and that the two together when closed will occupy but little more room than an ordinary locker or wardrobe; and furthermore, that by reason of the elements of construction that have been pointed out and are described and shown, the said device is particularly applicable or useful in military posts, wherein economy of space is of paramount importance, as well as neatness and convenience.

It is to be understood that changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having described my invention, what I claim is—

1. The combination with a wardrobe, of a bed frame hinged to one of the side edges thereof and adapted to be swung to one side of the wardrobe or in front of and against the same, and a cot frame hinged at its lower end in the front of the bed frame and adapted to swing down therefrom and from and in line with the wardrobe, substantially as specified.

2. The combination with a wardrobe, of a bed frame hinged to one of the side edges thereof and adapted to be closed against the front thereof and provided with casters, hooks connected to the bed frame at its free edge and eyes for receiving the same connected to the wardrobe whereby the two are detachably and hingedly connected, and a cot frame hinged at its lower end in the front of the bed frame and adapted to swing down therefrom and from and in line with the wardrobe, substantially as specified.

3. The combination with a wardrobe, of a bed frame detachably hinged to one side thereof and adapted to close against the front of the same, of a cot frame detachably and pivotably connected to the front of the bed frame and adapted to swing down therefrom and from and in line with the wardrobe, substantially as specified.

4. The combination with a "knock-down" wardrobe, of a "knock-down" bed-frame hinged at one edge thereto, and adapted to close against the front thereof and a cot removably mounted within and removably hinged to the front of the bed-frame, and adapted to fold down in front of and in line therewith and the wardrobe, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

SAMUEL C. HOPKINS.

Witnesses:

W. B. FERGUSON,
THOMAS DIXON.