No. 815,400. PATENTED MAR. 20, 1906.

W. H. BLOSE.

COMBINED FOLDING BED AND CABINET.

APPLICATION FILED SEPT. 21, 1905.

2 SHEETS—SHEET 1.

Fig. 1.

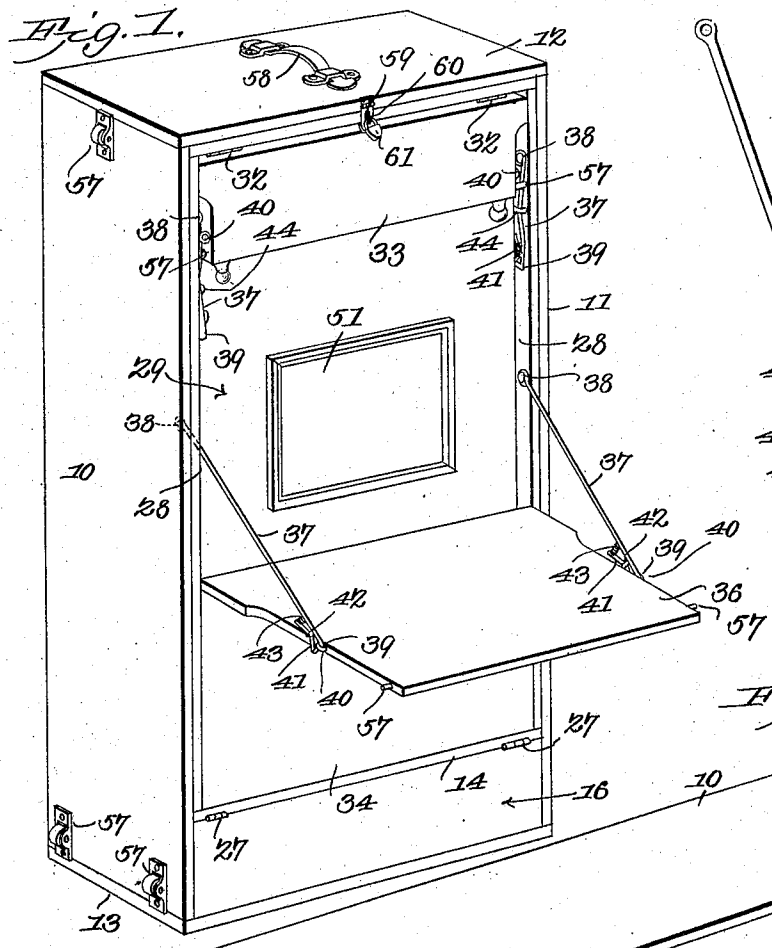
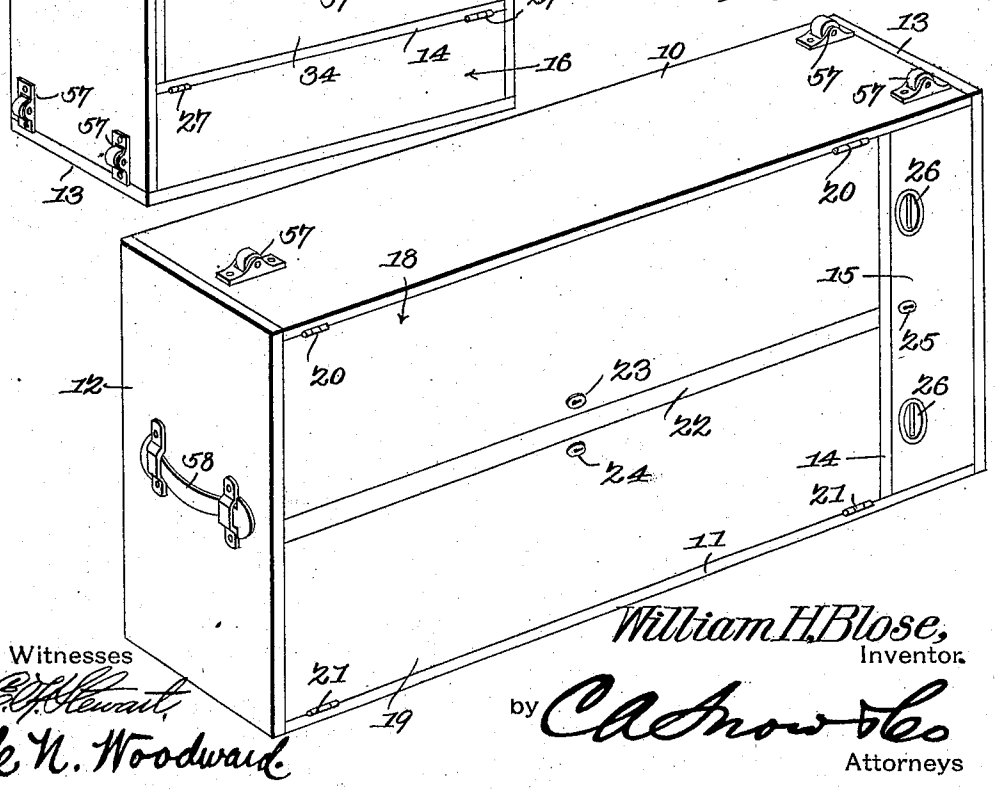


Fig. 3.



Fig. 2.



Witnesses

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2 SHEETS—SHEET 2.

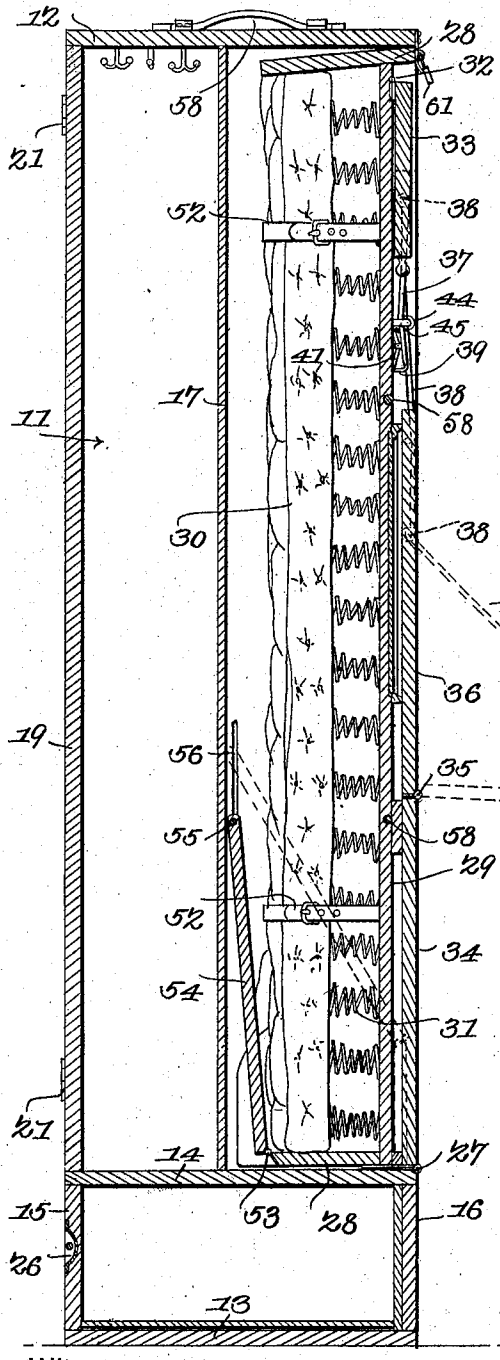


Fig. 7.

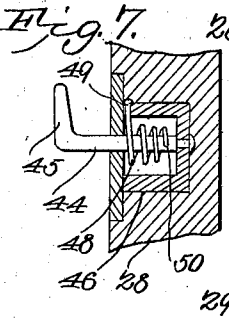
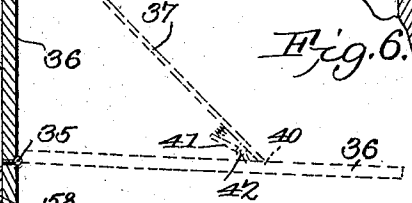


Fig. 4.



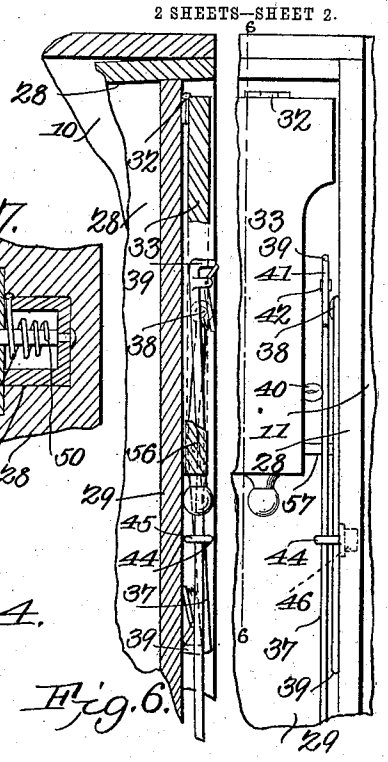
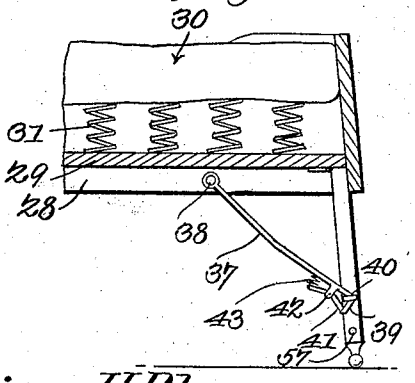


Fig. 6.

Fig. 5.

Fig. 8.



Witnesses

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UNITED STATES PATENT OFFICE.

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COMBINED FOLDING BED AND CABINET.

No. 815,400. Specification of Letters Patent. Patented March 20, 1906.

Application filed September 21, 1905. Serial No. 279,514.

To all whom it may concern:

Be it known that I, WILLIAM H. BLOSE, a citizen of the United States, residing at New Paris, in the county of Preble and State of Ohio, have invented a new and useful Combined Folding Bed and Cabinet, of which the following is a specification.

This invention relates to combined folding beds and cabinets, and has for its object to produce a device of this character with the parts so arranged that when folded or collapsed there will be no projections or protuberances.

Another object of the invention is to produce a device of this character constructed with an inclosing casing in which the parts are so compactly arranged and firmly supported that the device may be transported without displacement of or injury to the contents of the casing.

With these and other objects in view, which will appear as the nature of the invention is better understood, the invention consists in certain novel features of construction, as hereinafter fully described and claimed.

In the accompanying drawings, forming a part of this specification, and in which corresponding parts are denoted by like designating characters, is illustrated the preferred form of the embodiment of the invention capable of carrying the same into practical operation.

In the drawings, Figure 1 is a perspective view of the improved device from the bed side with the desk or table member extended. Fig. 2 is a perspective view from the wardrobe side of the improved device turned on one edge in position for transportation. Fig. 3 is an enlarged detached view of one of the brace-rods. Fig. 4 is an enlarged transverse sectional elevation. Fig. 5 is an enlarged detail view illustrating the construction and arrangement of the brace-rods and of the mechanism for locking the braced rods in folded position. Fig. 6 is a section on the line 6 6 of Fig. 5. Fig. 7 is an enlarged sectional detail of one of the spring-controlled brace-rod supports. Fig. 8 is a sectional detail of the foot portion of the bed in extended position.

In the improved device is comprised an inclosing rectangular casing formed with spaced parallel sides 10 11 and with spaced ends 12 13 and with a transverse partition 14 near one end, the partition forming a relatively small compartment for receiving a drawer 15, the compartment being closed at the rear end, as at 16. A longitudinal partition 17 is also disposed within the casing and between the transverse partition 14, sides 10 11, and end 12. The partition 17 thus divides the upper portion of the casing into two relatively large compartments opening through the front and rear of the casing. One of the larger compartments is closed by doors 18 19, hinged at 20 21 to the sides 10 11 and closing centrally against a parting-strip 22, the strip extending between the partition 14 and the end 12 and serving the two-fold purpose of a parting-strip to support the swinging edges of the doors and as a stay to strengthen the casing. The doors 18 19 are provided with suitable locks, as indicated by the keyholes 23 24, and the drawer 15 is likewise provided with a suitable lock, as indicated by a keyhole 25. The drawer 15 is also provided with suitable "pulls" 26.

Hinged at 27 to the rear edge of the partition 14 is a bed-frame 28, foldable into the rear compartment, with the bottom edges of the bed-frame flush with the rear edges of the sides 10 11 and end 12 of the casing when the bedstead is folded, as shown in Figs. 1 and 4. Disposed within the bed-frame 28 and spaced from the bottom edge is a partition 29, dividing the frame into two parts—one part to receive and support the mattress 30 and spring 31.

Hinged at 32 to the partition 29 is a foot-support 33 for sustaining the foot of the folding bedstead in position when the latter is projected as shown in Fig. 8 and foldable against the partition 29, with its outer face substantially flush with the rear edges of the bed-frame and of the side members of the casing.

Extending transversely of the lower portion of the bed-frame is a filler member 34, with its outer face flush with the rear edges of the sides of the bed-frame, and hinged at 35 to the upper edge of the member 34 is a leaf 36, which when in open position, as in Fig. 1 in full lines and in dotted lines in Fig. 4, serves as a table or desk.

Stay rods or braces 37 are employed to maintain the foot-support 33 and desk member 36 in distended position, and as these rods are substantially alike except as to length the description of one will suffice for all. The rods are pivoted to the frame 28, as represented at 38, and terminate in hooks 39 for engaging eyes or staples 40, respectively at-

tached to the members 33 and 36 when the latter are distended, as in Figs. 1 and 8. Each stay-rod is also provided with a tongue 41, pivoted to the rod at 42 and yieldably supported by a spring 43, bearing between the free end of the tongue and the body of the rod. The spring-controlled tongue thus serves to lock the rod to the holding-staples and prevent accidental displacement, while at the same time the rods can be readily coupled to and disconnected from the staples by compressing the spring-supported ends of the tongues. The members 33 and 36 are cut away at the side edges to permit the stay-rods to interlap and fold in between the sides of the bed-frame and the members 33 and 36 when not in use, as represented in Figs. 1, 4, 5, and 6.

Attached to the bed-frame 28 are spring-controlled bolts 44, having lateral projections 45 at the outer ends for bearing over the brace or stay rods when the latter are interfolded, and thus hold them in folded position, while at the same time easily releasable when required. The bolts 44 are mounted for rotation in casings 46, embedded in the bed-frame 28, and provided with a spring 48, one end connected at 49 to the casing and the other end connected at 50 to the bolt. The spring thus exerts its force to hold the laterally-extended end 45 of the bolt yieldably in position bearing over the interlapping stay-rods, but which can be easily rotated to release the rods when required. Supported upon the rear face of the partition 29 is a mirror, (represented at 51,) the mirror being covered and protected by the desk member 36 when the latter is folded between the sides of the bed-frame, as shown in full lines in Fig. 4. The mattress and bedclothing are supported in position by suitably-disposed straps 52 to prevent their displacement when the device is being transported.

Hinged at 53 to the "head" end of the bed-frame 28 is a bolster-support 54, the free end of the member 54 provided with pins 55, operating in slots 56 in the bed-frame.

Attached to the side members 10 11 of the inclosing casing are casters 57 to facilitate the movement of the device when turned on the side, as in Fig. 2, for transportation, and to further assist this action the end 12 of the casing is provided with a hand-grip 58 of approved form.

Projecting from the members 33 and 36 are pins 56, over which the braces 37 bear when folded, and thus effectually lock the members 33 and 36 in closed position when the bolts 44 are applied.

Any suitable fastening means may be employed to hold the bed-frame 28 and its attachments in folded position, such as a hasp and staple 59 60 and padlock 61.

It will be noted that the device herein shown and described is simple in construction, the parts compactly arranged, and all contained within the inclosing casing and without projections or protuberances beyond the general surface of the casing, so that when the parts are folded the device is in convenient shape for transportation and without danger of displacing the parts or the contents of the several compartments.

Stay-rods 57 are disposed transversely of the partition 29 of the bed-frame to stiffen and strengthen the structure.

Having thus described the invention, what is claimed is—

1. In a device of the class described, an inclosing casing, a bed-frame foldable within said casing and provided with stop members, a foot-support swinging from said bed-frame and foldable within the same and provided with brace supporting members and stop members, brace-rods swinging from said bed-frame and terminating in hooks for detachable engagement with said brace supporting members when the foot-support is extended, said brace-rod adapted to bear against the stop members upon the foot-support and beneath the stop member of the bed-frame when the foot-support is in closed position.

2. In a device of the class described, a bed-frame mounted for swinging into vertical position, stop-hooks extending from said bed-frame and yieldably supported in operative position, a foot-support swinging from said bed-frame and foldable within the same and provided with brace supporting members and stop members, brace-rods swinging from said bed-frame and terminating in hooks for detachably engaging said brace supporting members when the foot-support is extended, said brace-rods adapted to bear against the stop members upon the foot-support and beneath the yieldable hooks on the bed-frame when the foot-support is in closed position.

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

WILLIAM H. BLOSE.

Witnesses:
GEO. E. THOMPSON,
C. E. FULKERSON.