No. 676,384. Patented June 11, 1901.

A. HABERMAN.

FOLDING BED.

(Application filed Dec. 10, 1900.)

(No Model.)

Fig. 1.

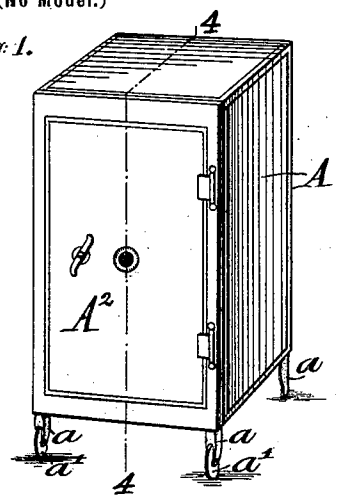
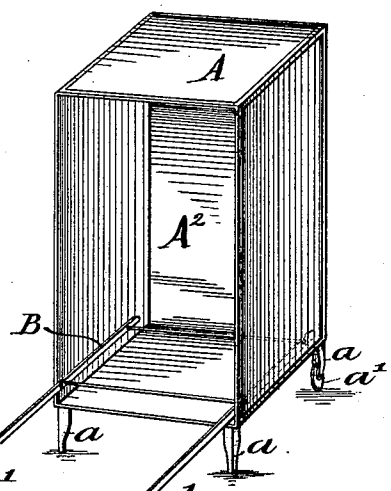


Fig. 3.



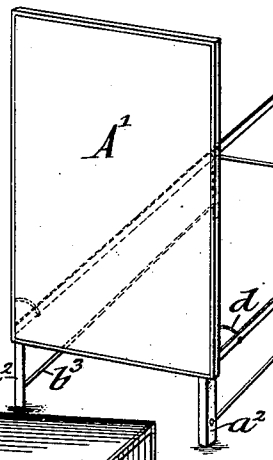


Fig. 2.

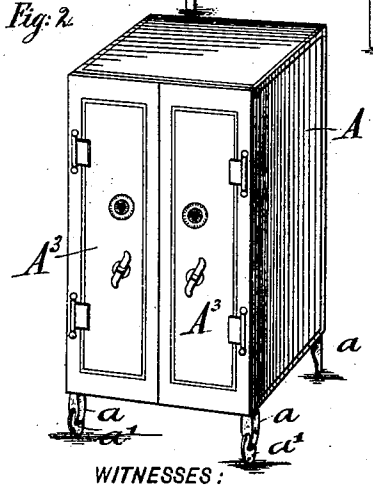
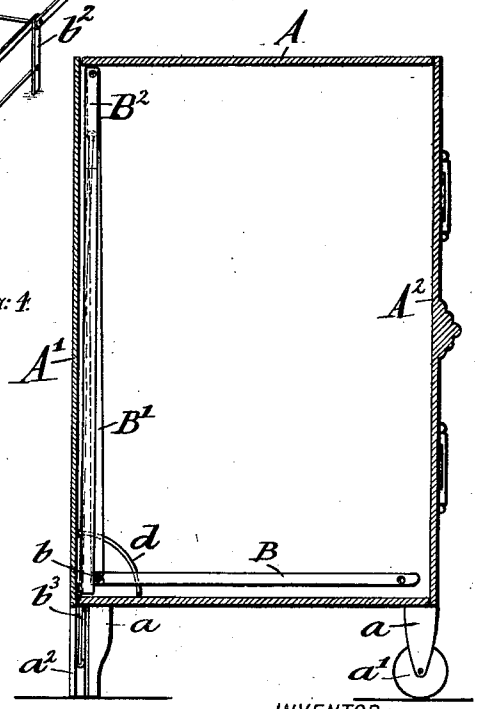


Fig. 4.



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UNITED STATES PATENT OFFICE.

ALTER HABERMAN, OF NEW YORK, N. Y., ASSIGNOR OF ONE-HALF TO BERNARD LUSTGARTEN, OF SAME PLACE.

FOLDING BED.

SPECIFICATION forming part of Letters Patent No. 676,384, dated June 11, 1901.

Application filed December 10, 1900. Serial No. 39,428. (No model.)

To all whom it may concern:

Be it known that I, ALTER HABERMAN, a citizen of the United States, residing at 165 Ludlow street, city of New York, in the county of New York and State of New York, have invented a new and useful Folding Bed in the Form of a Safe, of which the following is a specification.

This invention relates to an improved folding bed of that class in which the entire bed is folded up into a box-shaped structure which has the exterior appearance of a safe; and the invention consists of a folding bed which comprises a box-shaped structure of sheet metal provided at its front part with a hinged door and open at the rear end, a stationary head-section in the lower part of the box-shaped structure, an intermediate section pivoted to said box-shaped structure, a foot-section pivoted to the end of the intermediate section, and a rear wall pivoted to the foot-section, the intermediate and foot sections and rear wall being adapted to be folded into the open rear end of the box-shaped structure.

In the accompanying drawings, Figures 1 and 2 are perspective views showing my improved folding bed in folded-up position. Fig. 3 is a perspective view of my improved folding bed, shown extended for use as a bed; and Fig. 4 is a vertical transverse section on line 4 4, Fig. 1.

Similar letters of reference indicate corresponding parts.

Referring to the drawings, A represents a box-shaped structure which is closed at the rear part by a movable rear wall A′. The front wall of the box-shaped structure is made in imitation of a safe, either with a hinged single door A^2, as shown in Fig. 1, or with two hinged doors A^3, as shown in Fig. 2. The box-shaped structure A is provided with legs a, two or all of which are provided with rollers or casters a', so as to be readily moved over the floor and turned around. The movable rear wall A′ is provided with legs a^2, which abut against the legs a of the structure A when the rear wall is moved up against the same. The box-shaped structure A is preferably made of sheet metal, so as to be light and capable of being easily moved. Near the bottom of the box-shaped structure A a stationary section B is attached to the side walls of the same. An intermediate section B′ is pivoted to the stationary section and connected by a transverse pivot-rod b with the foot-section B^2, which is pivoted to the rear wall A′. The intermediate and foot sections $B'B^2$ are supported by means of legs b^2, which are pivoted to the pivot-rod b, said legs being connected by pivoted brace-rods b^3 with the stationary legs a^2 of the rear wall A′, as shown clearly in Fig. 3. Upon the head-section B, intermediate section B′, and foot-section B^2 is placed a spring-bottom, of any approved construction, (not shown in the drawings,) which forms a yielding support for the mattress.

When my improved folding bed is not used as a bed, it is folded up into the box-shaped structure A in the manner shown in Fig. 4 by folding up the intermediate section and foot-section at the adjacent rear wall A′, which is then made to abut against the rear edge of the box-shaped structure A, while its legs a^2 abut against the rear legs of said structure. The mattress, pillows, and other accessories are stored in the interior of the box-shaped structure A, to which access is given by opening the front doors A^2 or A^3. When the bed is intended to be used, the box-shaped structure A is turned around, so that the front doors, which are formed in imitation of a safe, are turned toward the wall, after which the movable rear wall A′ is moved away from the box-shaped structure, so that the intermediate and foot sections are extended in downward direction, as shown in Fig. 3, until they are supported by the legs b^2 and a^2, in which position the rear wall is held in upright position, the lower hooked ends of the arcuate braces d preventing the falling backward of the rear wall A′. When the intermediate and foot sections are in this position, the mattress is placed on the same and the pillow then on the head-section in the usual manner in folding beds. The friction of the legs a, b^2, and a^2 with the floor prevents movement of the same relatively to each other, and the rear wall A′ is thereby held in upright position.

The advantages of my improved folding bed are that a structure is obtained in which all

the material used is metal and in which wood is entirely dispensed with; second, that a safe-like appearance is imparted to the bed when folded up, so that the same is of special use for offices—such as those of real-estate agents, physicians, &c.—in which a bed of this class is of advantage; third, that the box-shaped body of the folding bed has sufficient capacity for storing the mattress, pillows, &c., so that everything required for a bed is immediately at hand; fourth, that the structure can be readily changed into a bed by extending the intermediate and foot sections and moving the rear wall A′ away from the box-shaped structure A, so that the mattress can be readily placed on the extended sections, in which the rear wall forms the footpiece of the folding bed, and, lastly, that by reason of the brace-rods and braces b^3 and d, respectively, which coöperate in bracing the legs and the rear wall A′, a strong and well-braced folding bed is obtained.

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

1. The combination, with a box-shaped structure, provided with a hinged door and open at the rear end, of a stationary head-section in the lower part of the box-shaped structure, an intermediate section pivoted to said box-shaped structure, a foot-section pivoted to the end of the intermediate section, and a rear wall pivoted to the foot-section, the intermediate and foot sections being adapted to be folded upon the rear wall and into the open rear end of the box-shaped structure, substantially as set forth.

2. The combination, with a box-shaped structure, provided with a hinged front door, and open at the rear end, of a rear wall provided with stationary legs abutting against the rear legs of the box-shaped structure, when closed, a stationary head-section in the lower part of the box-shaped structure, an intermediate section pivoted to said box-shaped structure, a foot-section pivoted to the rear wall, a pivot-rod connecting the intermediate and foot sections, intermediate legs pivoted to said pivot-rod, and braces connecting said intermediate legs with the stationary legs of the rear wall, substantially as set forth.

3. The combination, with a box-shaped structure, provided with a hinged front door, and open at the rear end, of a rear wall provided with stationary legs abutting against the rear legs of the box-shaped structure, when closed, a stationary head-section in the lower part of the box-shaped structure, an intermediate section pivoted to said box-shaped structure, a foot-section pivoted to the rear wall, a pivot-rod connecting the intermediate and foot sections, intermediate legs pivoted to said pivot-rod, braces connecting said intermediate legs with the stationary legs of the rear wall, and arc-shaped braces, hooked at their outer ends, pivoted to said rear wall and engaging at their hooked ends with the intermediate section, substantially as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ALTER HABERMAN.

Witnesses:
BERNARD LUSTGARTEN,
JAKOB LUSTGARTEN.