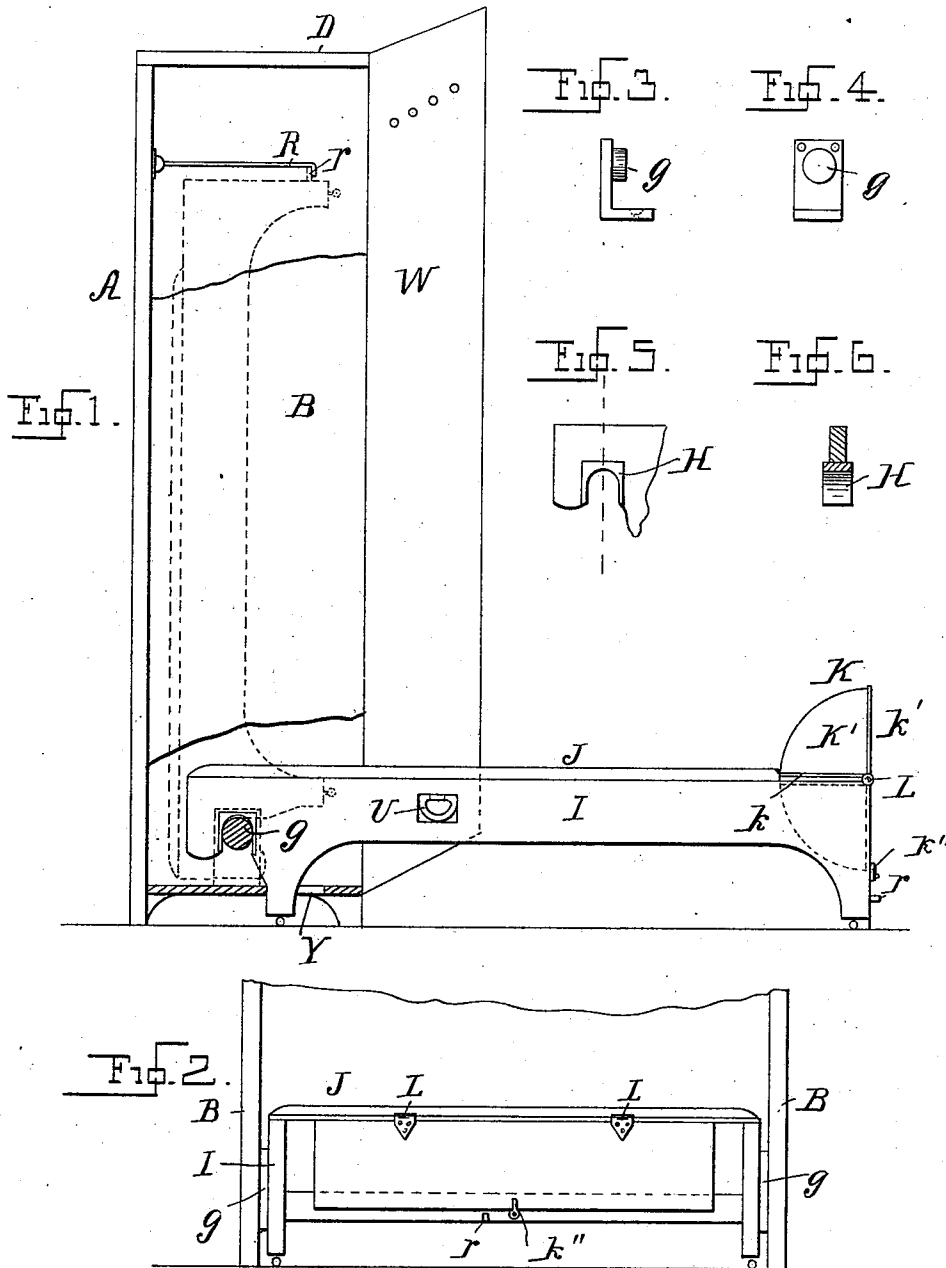


(No Model.)

J. L. FIRM.
FOLDING COUCH.

No. 563,580.

Patented July 7, 1896.



Witnesses
W. H. Cantland
R. W. Ann

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UNITED STATES PATENT OFFICE.

JOSEPH L. FIRM, OF JERSEY CITY, NEW JERSEY.

FOLDING COUCH.

SPECIFICATION forming part of Letters Patent No. 563,580, dated July 7, 1896.

Application filed March 30, 1893. Serial No. 468,308. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH L. FIRM, a citizen of the United States, and a resident of Jersey City, county of Hudson, and State of New Jersey, have invented certain new and useful Improvements in Folding Couches, of which the following is a specification.

My invention relates to wardrobe lounges or couches, and has for its object to produce a couch that will be simple in construction, economical in cost, and not likely to get out of order.

Heretofore in this class of lounges or couches the only object sought is to fold them; but I accomplish more, inasmuch as the couch is folded away within a wardrobe and the surrounding space utilized to hang garments in, and when the couch is placed in a horizontal position it can be lifted from its trunnions and moved to any part of the room desired. The main feature of my invention will be hereinafter more fully described, and then pointed out in the claims.

Referring to the accompanying drawings, Figure 1 is a side elevation of the wardrobe when ready for use, parts of the wardrobe being broken away to show the manner of securing the couch. Fig. 2 is an end view of the couch. Fig. 3 is a detail view of the trunnion-plate. Fig. 4 is an end view of the same. Fig. 5 is a detail end view of the box for the rails. Fig. 6 is a cross-section of the same.

Similar letters indicate like parts in all the figures.

A is a wardrobe of ordinary construction, having the sides B B, the top D, the bottom C, and the door W. Secured to the pieces B B near the bottom on their inner sides are studs *g g*, which form a trunnion-bearing for the lower end of the couch by means of the cast-iron boxes H H, secured to the side rails of the couch J. These boxes H H are so constructed that they bear on the studs *g g*, thereby forming a pivotal connection, so that the couch can be readily placed in either a vertical or horizontal position.

The side rails of the couch have L-shaped projections extending out beyond the rear legs. These L-shaped projections have rectangular openings cut therein, said openings being lined with metal boxes to provide an

easy bearing for the studs in the wardrobe-case upon which the couch rides when it is raised and lowered.

The couch J is of ordinary construction, with the exception of the opening at the head, where the pillow K is secured to the couch by means of the hinges L L. This pillow K is made of two pieces *k* and *k'* at right angles from the hinges L L, with the filling or head-rest, as shown at K'. When the couch is in use, this pillow K is placed in the position shown in Fig. 1, that is, so that the angle-piece *k* rests on the top of the couch, and when the couch is in the closed position (the one shown in dotted lines in Fig. 1) the angle-piece *k'* rests against the under side of the couch, and the catch *k''* holds it in position.

In the bottom of the wardrobe A are slots Y Y to permit the legs on the foot of the couch to pass through and rest on the floor. When the couch is in a horizontal position, it does not rest upon the studs *g g*, thereby preventing any strain upon the wardrobe. At the top of the wardrobe is a hook-rod R, which engages with the projection *r* on the end of the couch-frame and thereby securing the couch in a vertical position when not in use.

On the rails I I are handles U U for the purpose of lifting the couch free from its bearings on the studs *g g*, so that it can be moved to any part of the room desired. The legs of the couch are provided with casters in the ordinary manner.

The operation of my invention is as follows: The couch being in a vertical position, the hook-rod R is lifted free from the projection *r* on the couch-frame, and the couch then lowered to a horizontal position, as shown in Fig. 1. The pillow is released by the catch *k''* and turned on its hinges until the angle-piece *k* rests upon the top of the couch-frame and the filling or pillow proper is in a position to form a head-rest. When it is desired to remove the couch from the wardrobe and place it in another part of the room, the handles U U are seized and the couch lifted from its bearings on the studs *g g* and withdrawn from the wardrobe and placed as desired.

Of course it is obvious that certain parts can be changed without departing from the spirit of my invention.

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

1. The combination with a wardrobe-case
5 having pintles projecting inwardly from opposite sides, of a couch provided with front and rear legs, and having sockets at opposite sides
10 of the rear end back of the legs, adapted to fit over said pintles to allow the couch to be raised and lowered thereon and forming projections lying on opposite sides of the pintles
15 when the couch is raised and also lowered thereby holding it against longitudinal movement in both its raised and lowered position while at the same time permitting the couch
20 to be lifted from off the pintles and used apart from the wardrobe-case when desired, substantially as and for the purposes described.
2. The combination with the wardrobe-case
25 having pintles projecting inwardly from opposite sides and a bottom formed with openings for the passage of legs to a couch, of a couch provided with front and rear legs and having at its rear lower opened-faced sockets lying
back of the legs and fitting over said pintles,

whereby the couch is raised and lowered on said pintles and by them held against longitudinal movement in its raised and lowered position while at the same time permitting the couch to be lifted from off the pintles and
30 used separate from the wardrobe-case, the rear legs of said couch extending through the bottom of the case and resting upon the floor when the couch is lowered and used with the case, substantially as and for the purposes
35 described.

3. In combination with a wardrobe-case, the portable couch J, having the head-rest K, composed of the pieces *k* and *k'* hinged at L, and adapted to swing under the couch for the
40 purpose described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of two witnesses, this 14th day of February, 1893.

JOSEPH L. FIRM.

Witnesses:

R. WARREN,
W. A. THOMPSON.