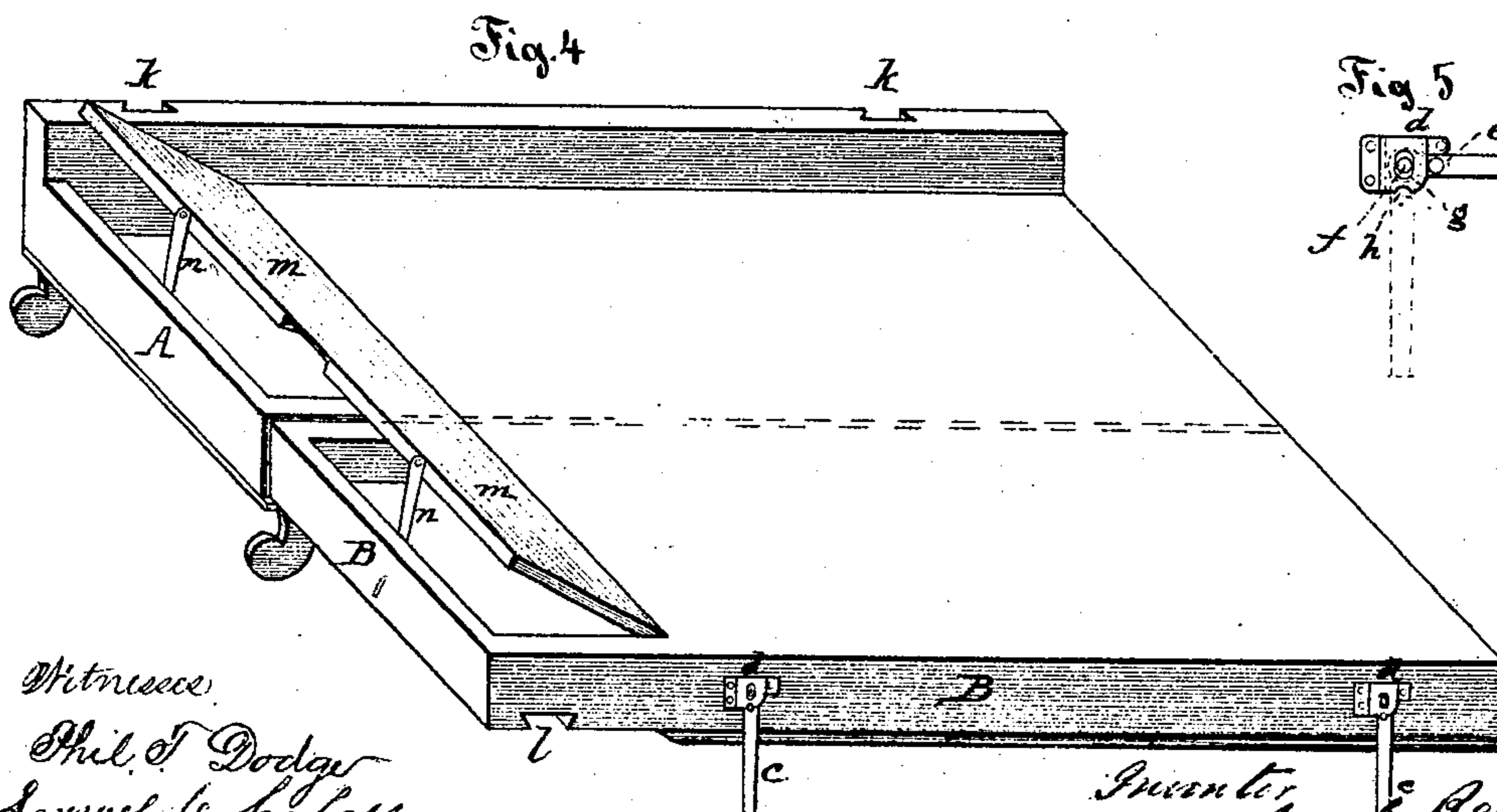


Patented Apr. 26. 1870.



Inwitness
 Jacob Berandof
 by Dodge & Munro
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UNITED STATES PATENT OFFICE.

JACOB BEIERSDORF, OF CHICAGO, ILLINOIS.

IMPROVED FOLDING LOUNGE.

Specification forming part of Letters Patent No. 102,360, dated April 26, 1870.

To all whom it may concern :

Be it known that I, JACOB BEIERSDORF, of Chicago, in the county of Cook and State of Illinois, have invented certain Improvements in Folding Bed-Lounges, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to sofa-bedsteads; and it consists, first, in making the head and back of the sofa removable, so that it may be packed in a small space for transportation, and thus all danger of the back or head being broken while in transit avoided; second, in a novel manner of adjusting and elevating the head of the mattress when the sofa is extended as a bed; and, third, in the manner of constructing and attaching the folding legs that support the hinged portion of the frame when opened or extended.

Figure 1 is a perspective view of my sofa folded or closed up and the back and head or bolster in position; Fig. 2, a view of the back detached; Fig. 3, the bolster or head detached; Fig. 4, a perspective view of the sofa extended as a bed, and Fig. 5 a view of one of the folding legs and its socket.

In constructing my sofa-bed I first construct the oblong rectangular frame A, and mount it on legs in the ordinary manner, and pad or cushion the upper side. To this frame A, at its front side, I hinge a like frame, B, padded or cushioned upon both sides, and which may be folded upon the frame A, and the side that is then uppermost forms the bottom or bed of the sofa, or be turned outward so as to bring the opposite side up and form an extension of the frame A. The outer side of the frame B, when thus extended, I support by means of folding legs *c*, pivoted to sockets *d*, secured to the side of the frame, as shown in Fig. 4. The construction of these legs and their sockets is clearly shown in Fig. 5, the socket being formed with a vertical elongated hole, *g*, in the middle, and a notch, *h*, in the lower edge opposite this hole, and the leg being provided with two pins or studs, *f* and *e*, the former of which is inserted into the hole *g* from the back of the socket before the same is fastened in place, so that by turning the leg down and then shoving it up so that the stud *e* will enter notch *h* it will be held rigidly in position to support the frame, as in Fig. 4.

At the upper end of the frames A and B, I place hinged frames *m* underneath the padding or cushioning, and provide each of these frames with a pivoted leg, *n*, so that the frames may be elevated as desired and held by these legs, and thus the head of the sleeper supported in the required position. The back D, I make of any form desired, padded on its front side, and provided at its lower side with two or more dovetail tongues, *p*, and in the back of the frame A, I make slots *k*, into which the tongues *p* are inserted, and thus the back is held in position. The head or bolster C, I make of a form to correspond with the back D, and provide it on its lower side with a dovetail strip, *i*, and on the back end with a dowel-pin, *o*, and across the end of the frame B, I make a dovetail groove, *l*, into which the strip *i* is inserted, when the sofa is closed, to hold the bolster in place. In the back D, I make a hole, *t*, which the dowel-pin *o* enters when the bolster is slid into position, so as to relieve the strip *i* from strain when the occupant of the sofa reclines upon or against the bolster. At the front end of the bolster I extend the wood forming its front down, as shown at *j*, Fig. 3, so that when the bolster is applied to the sofa this extension will conceal the joint of the slide, as shown in Fig. 1.

When it is desired to open or extend my sofa so as to form a bed, it being closed as in Fig. 1, the bolster is slid from its place and laid one side, the frame B turned over outward, the legs turned down, and the head-pieces *m* elevated. The device will then form a wide and convenient bedstead, already padded or cushioned, as shown in Fig. 4.

To close the bedstead so as to form a sofa, the former operation is merely reversed—*i. e.*, the head-rests *m* lowered, the leg *c* turned up, the frame B turned over upon A, and the bolster placed in position, when it will present the appearance as shown in Fig. 1. When being transported, either by rail or otherwise, the back and the bolster are removed and either sent separately or laid flat against the body, and thus the danger of breakage avoided.

When thus arranged for transportation, it will be seen that the sofa is not in an unfinished or incomplete condition, requiring an upholsterer or other skilled person to put it together or to finish it, but that it is complete

and finished in every respect, ready for use, only requiring such fixing or adjustment as may be done by the most unskilled person in a moment.

Having thus described my invention, what I claim is—

1. A sofa-bedstead consisting of the parts A and B, hinged together, with the detachable end piece, C, and the bolster *m*, all arranged as herein described.

2. The detachable end piece, C, provided

with the pin *n* on its rear edge, the dovetailed projection at its bottom, and the depending front piece, *j*, as set forth.

3. The detachable back D, provided with the dovetailed cleats or projections *h*, arranged to fit into corresponding recesses in the frame A, substantially as described.

JACOB BEIERSDORF.

Witnesses:

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