

(No Model.)

G. W. ROBBINS.

SOFA BED.

No. 322,643.

Patented July 21, 1885.

Fig. 1.

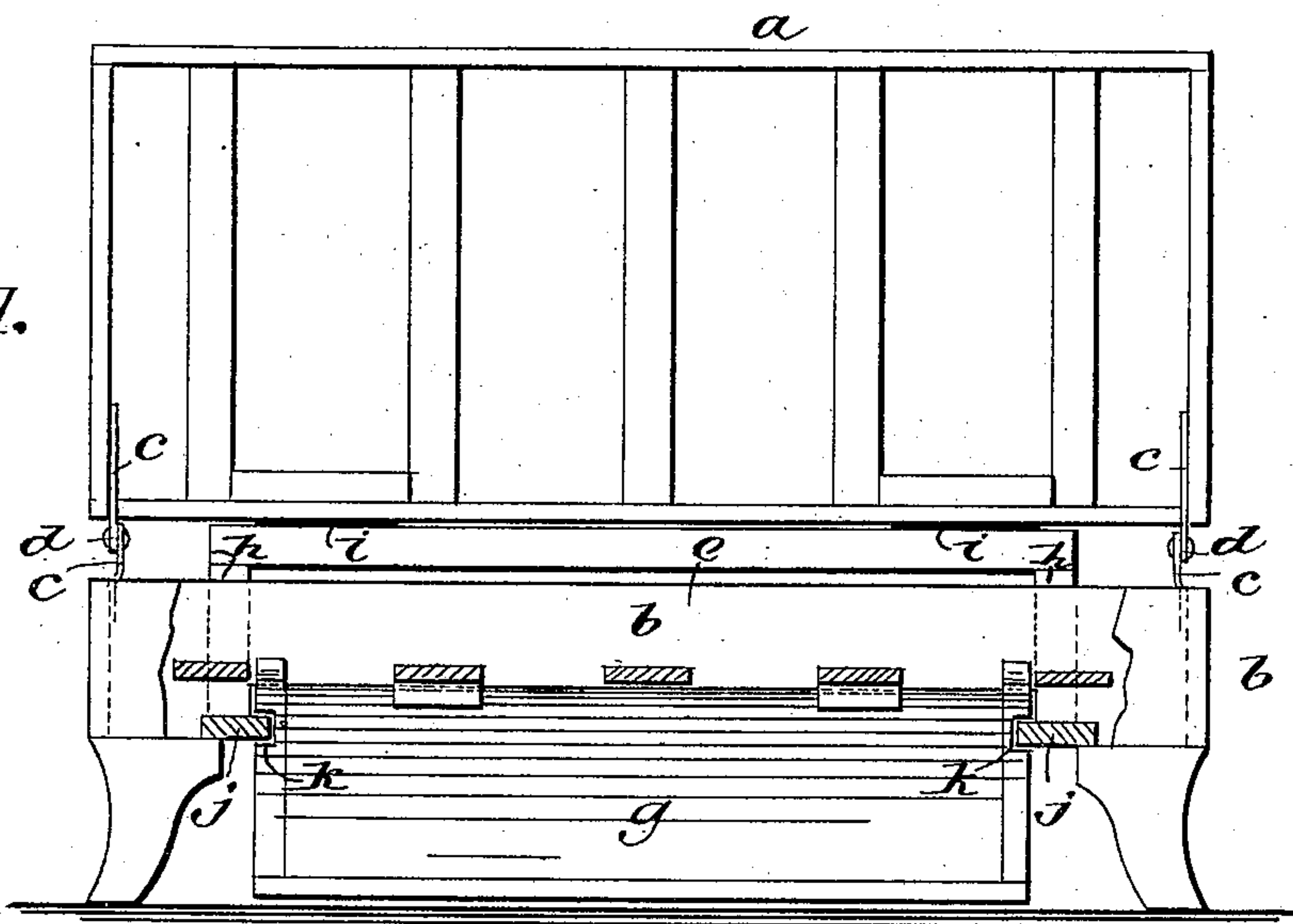


Fig. 2.

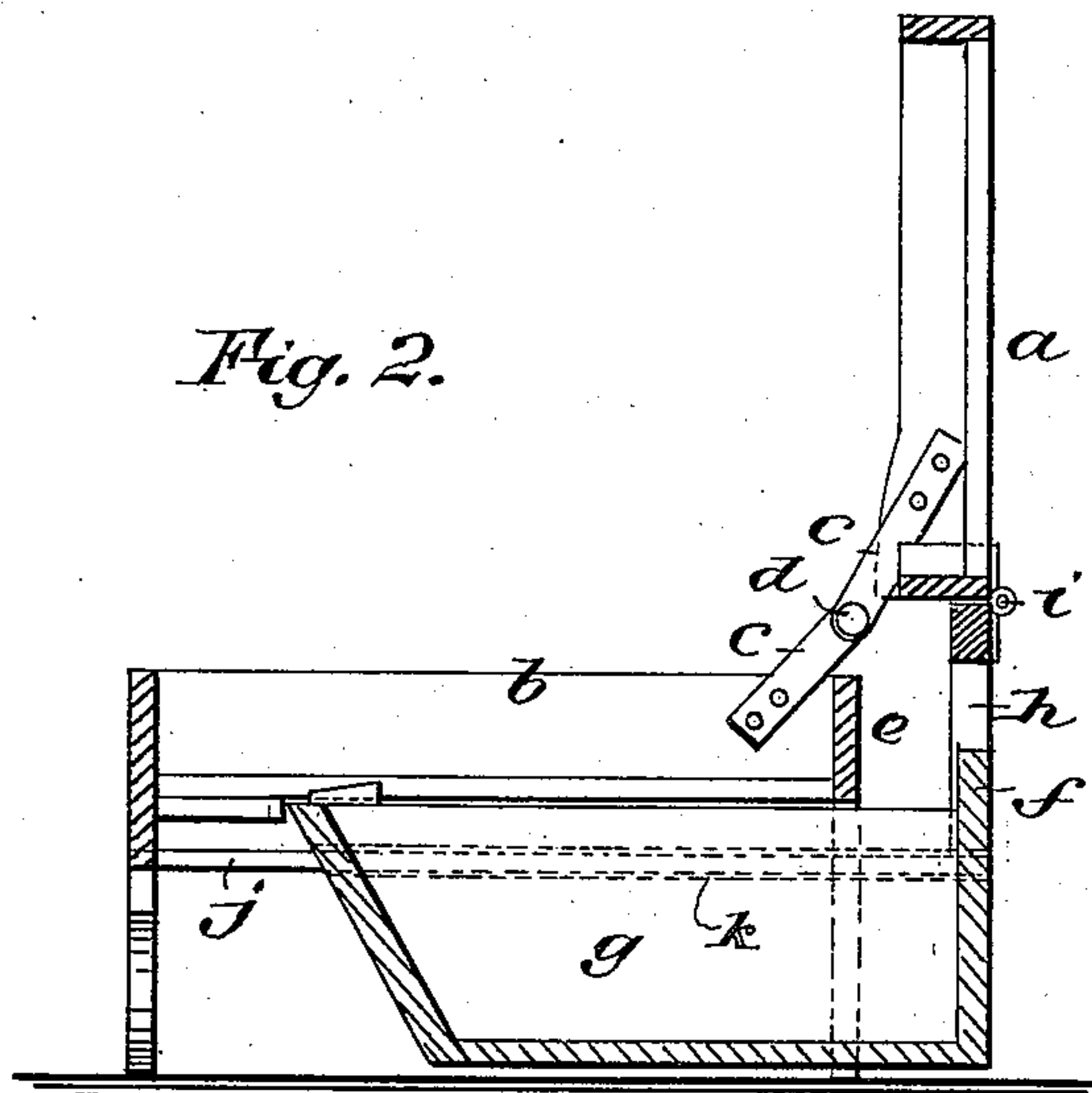
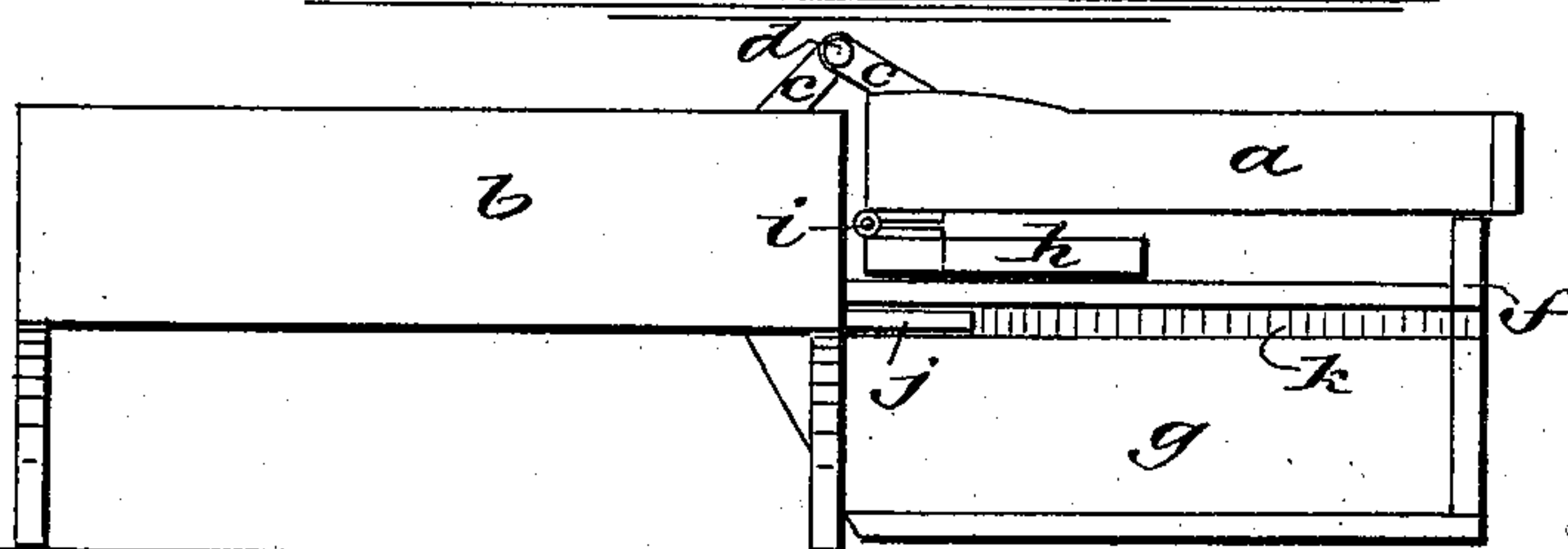


Fig. 3.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

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## SOFA-BED.

SPECIFICATION forming part of Letters Patent No. 322,643, dated July 21, 1885.

Application filed March 28, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE W. ROBBINS, of Los Angeles, in the county of Los Angeles and State of California, have invented a new and useful Improvement in Sofa-Beds, of which the following is a full, clear, and exact description.

This invention pertains to improvements in sofa-beds, which, as indicated, are convertible to serve either as a sofa or as a bed; and the same consists of the combination of parts and their construction, substantially as hereinafter fully set forth and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a front elevation of my improved sofa bed with the back set upright and with a part of the frame in longitudinal section. Fig. 2 is a transverse section of the same with the back set upright. Fig. 3 is an end elevation with back turned down for a bed.

The back frame, *a*, is hinged to the main frame *b* by the jointed bars *c*, whose pivots *d* are located sufficiently above the top of the back rail, *e*, of the main frame *b* to support the back frame, *a*, sufficiently above and back of said rail *e* to allow the back frame, *a*, to swing down behind frame *b* and level with it, to rest at the back of said frame *a* when down on the outer side rail, *f*, of the clothes drawer *g*, which is fitted to slide in and out of the back of the frame *b*. To the back frame, *a*, thus hinged to the main frame *b*, I hinge a pair of short legs, *h*, at *i*, so as to swing directly under said frame when it is set upright to support it; and for the support of these legs I extend the guide-bars *j* of the main frame *b*, on which the drawer *g* runs, so far back of the

rear of frame *b* as the back *a* is extended when set upright, and these extensions are supported back of the frame *b* by the drawer, which has grooves *k*, in which one edge of the guides rests, and the drawer rests on the floor. In practice the drawer will have casters to roll and rest on. The drawer is fitted so that the back end projects even with the extension of back *a*, behind frame *b*, when said drawer is shoved in frame *b* to the end of its range, so that it always supports the guides *j* when the back *a* sets upright and rests on them. The joint-bars *c* are arranged at about forty-five degrees of inclination to the frames *b* and *a*, so that when back *a* sets upright and sustains the pressure of persons sitting on the sofa the pressure on the back mainly thrusts directly downward on the legs *h*, which afford substantial support to the back, and with said joint-bars make ample means of effectually maintaining it in position.

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

The combination, with the main frame having cleats or rails projecting beyond the rear sides of said frame, of the back frame jointed to the main frame, and the auxiliary frame with its longitudinal bar hinged to the lower edge of the back frame, to permit its side bars to rest upon the projections or extensions of the said cleats or rails in supporting the back frame in an upright position, and to fold underneath the said back frame in lowering the latter into a horizontal position, substantially as and for the purpose set forth.

GEORGE W. ROBBINS.

Witnesses:

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