

Improvement in Sofa Beds.

[35.]

Fig. 1.
No. 118,966. Patented Sep. 12, 1871.

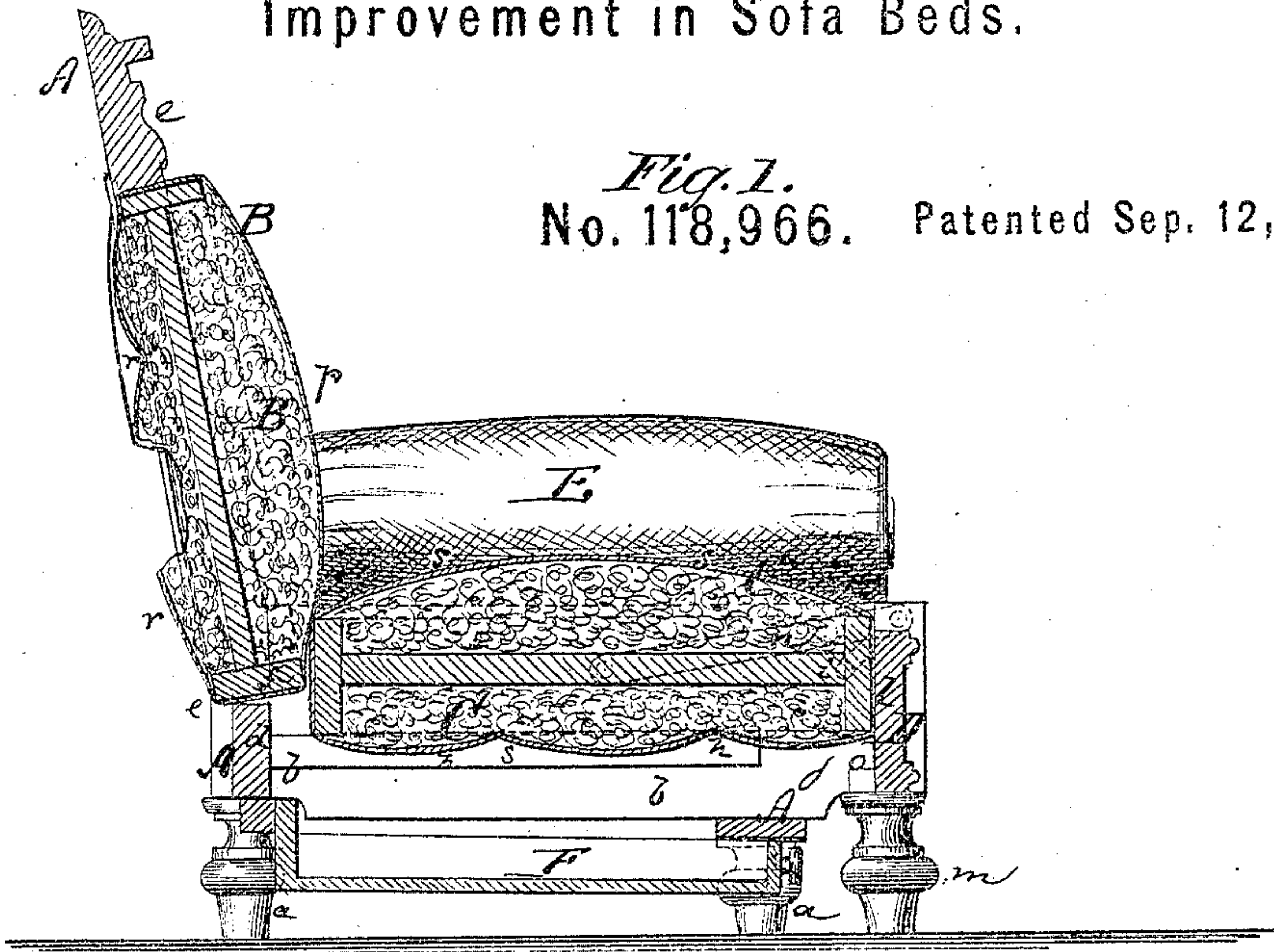
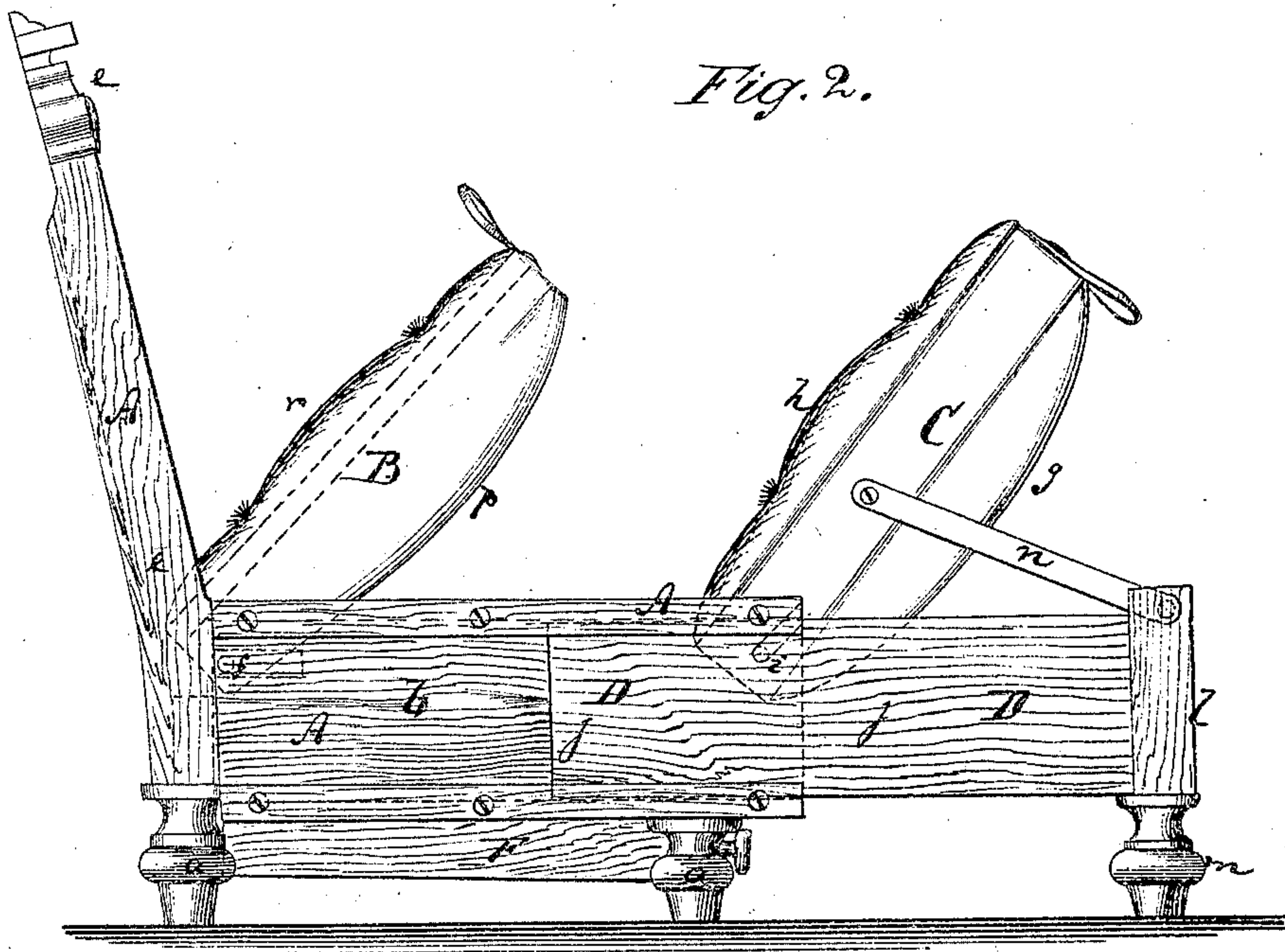


Fig. 2.



Witnesses:

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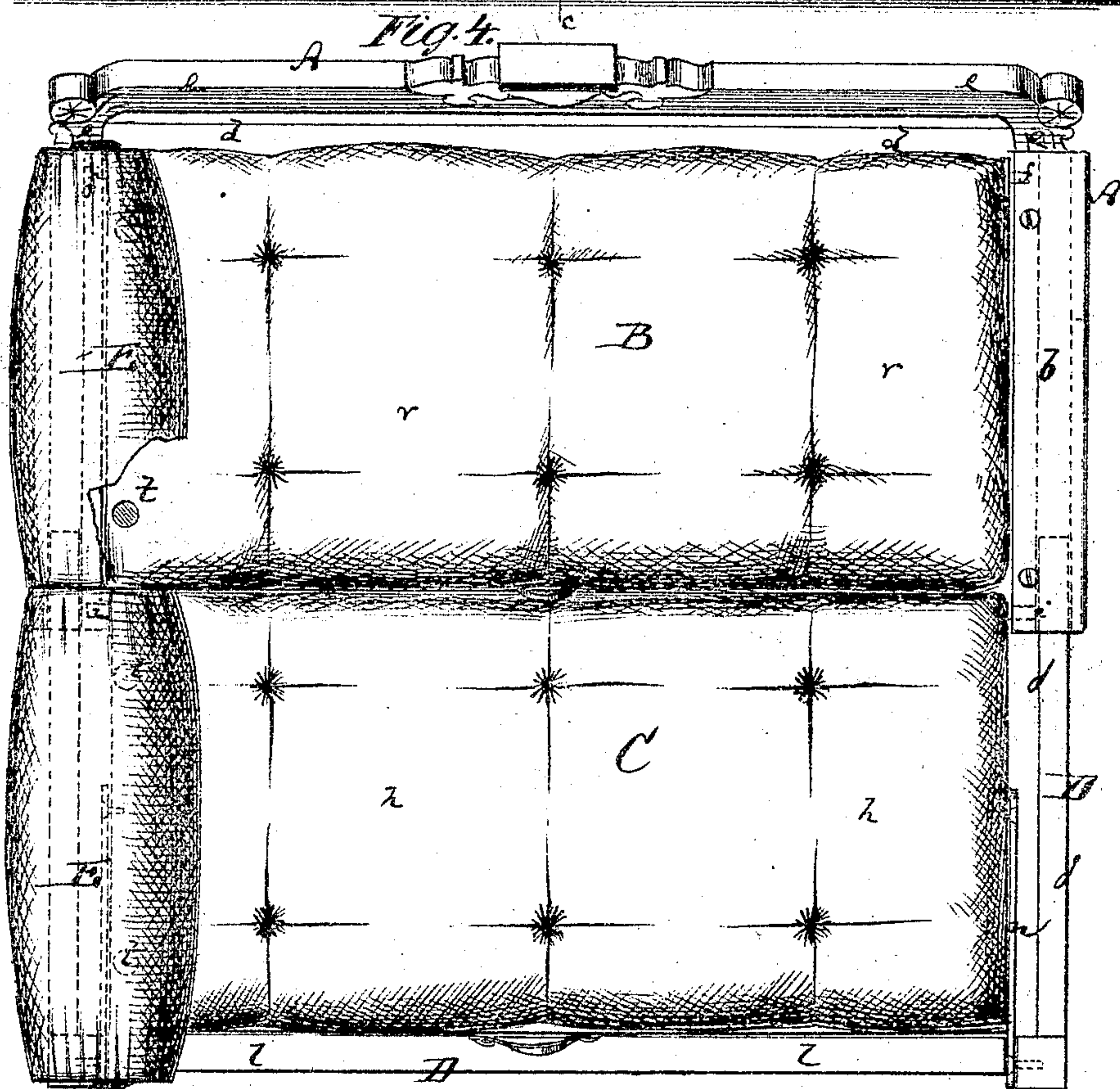
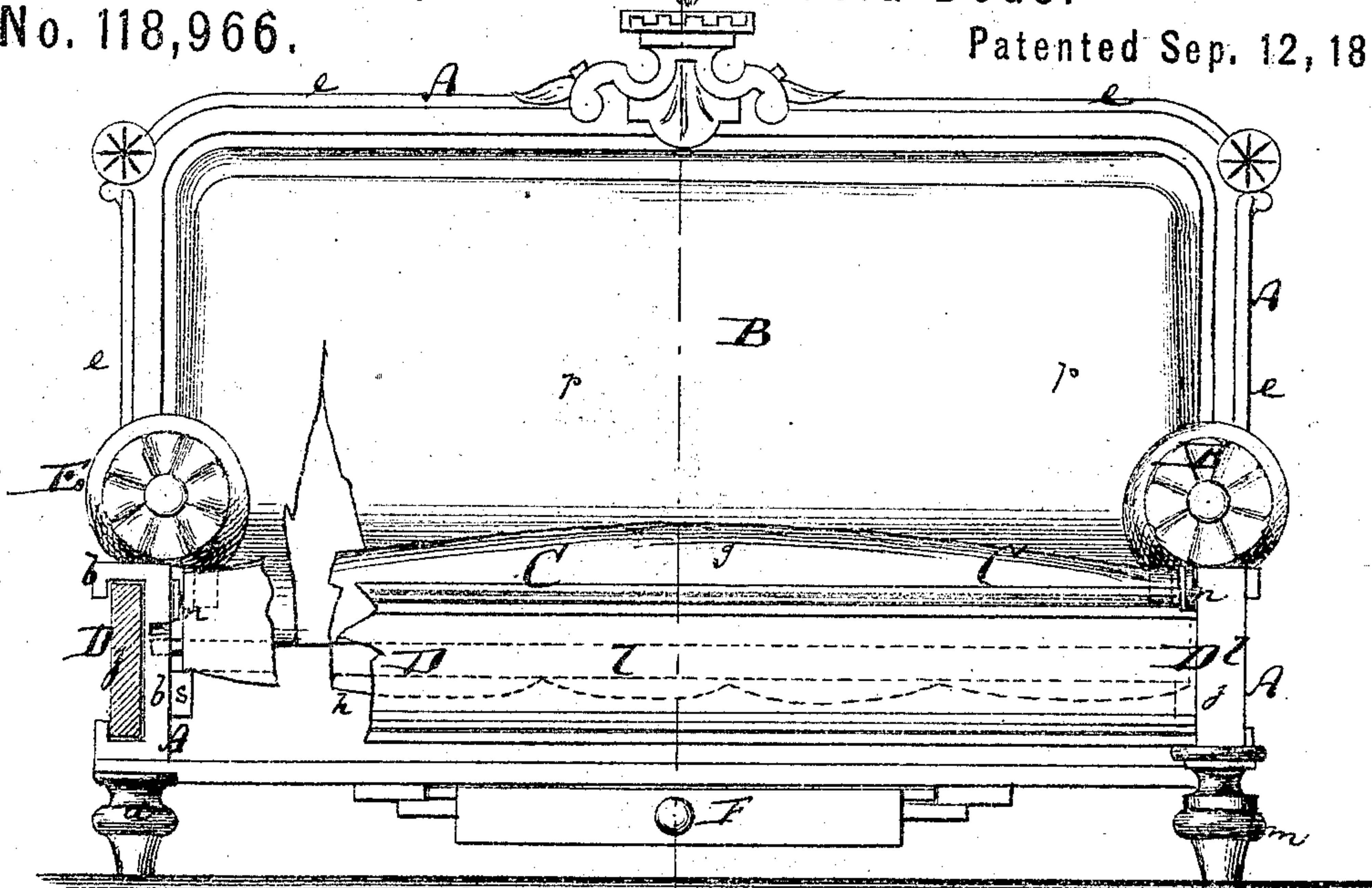
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UNITED STATES PATENT OFFICE.

ABRAHAM MORRIS, OF NEW YORK, N. Y.

IMPROVEMENT IN SOFA-BEDS.

Specification forming part of Letter _z Patent No. 118,966, dated September 12, 1871.

To all whom it may concern:

Be it known that I, ABRAHAM MORRIS, of the city of New York, in the county and State of New York, have invented a new and Improved Sofa-Bed; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

Figure 1 represents a vertical transverse section of my improved sofa-bed, showing it folded together for a sofa, the line *c c*, Fig. 3, indicating the plane of section. Fig. 2 is a side elevation of the same, showing it partly extended to form a bed. Fig. 3 is a front elevation, partly in section, of the same. Fig. 4 is a plan view, partly in section, of the bed.

Similar letters of reference indicate corresponding parts.

This invention relates to a new sofa-bed of very simple construction, which will be easily folded together and taken apart, and constitutes a strong, substantial sofa in one, and a large, comfortable bed in the other position. The invention consists principally in so pivoting the sofa-seat and connecting it by rods with the extension bed-frame that when the seat is turned outward it will at the same time cause the said frame to move out and support the outer half of the bed.

A in the drawing represents the main frame of my improved sofa-bed. Said frame consists of four supporting-legs, *a a*, of two side rails, *b b*, a back-rail, *d*, and the supporting-frame *e e* of the sofa-back, which frame *e* constitutes a rigid portion of the main frame A. The cushion B of the sofa-back is fixed in its own frame and pivoted at the lower end, at *f*, to the side pieces of the frame *e*. This permits it to be swung down, as in Fig. 2, when to be used as portion of the bed. The sofa-seat C is also formed in its own frame, properly cushioned to form a seat, *g*, on one side, and a mattress, *h*, on the other. It is, near its front edge, pivoted by projecting pins *i* to the front ends of the rails *b*, and can be swung out and reversed (see Fig. 2) when to be used on the

bed. D is a sliding frame having side pieces *j j*, a front beam or rail, *l*, and legs *m m*. Its side pieces *j* rest in grooves or tracks provided for their reception in the sides *b* of the frame A, and can slide in and out thereon. Rods *n n* connect the ends of the pivoted seat C with said sliding frame D in such manner that, when said seat is swung out, it will cause the frame D to slide out and constitute a support for the reversed seat. The outer part of the seat will then be supported on inwardly-projecting lugs *o* of the frame D. The back D, when swung down into the place formerly occupied by the seat C, will bring its upholstered face *p* down, and will be supported by inwardly-projecting lugs *S* of the side rails *b*. When the back B is swung up into the frame *e* it will be held therein either without any fastenings or by the aid of suitable catches. The seat C, when swung inward to form the sofa-seat, will, by means of the rods *n*, draw the frame D back, so that the front beam *l* of the said frame will form the face of the sofa-frame. E E are the head-rests of the sofa. They are held in place by means of projecting tenons *t t* entering sockets in the frame of the seat C. When the sofa is to be changed into a bed these head-rests are taken off, the seat is swung out, and the back folded down, as described. The head-rests can then be secured at the same end of the bed in sockets formed on the mattress-sides of the parts B and C, respectively, and will then constitute head-rests of the bed. F is a drawer arranged in the lower part of the frame A for the reception of the bed-clothes, &c.

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

The folded seat C of a sofa-bed, connected by rods *n* with the sliding frame D to operate the same, substantially as herein shown and described, and combined with the folding back B, in the manner specified.

ABRAHAM MORRIS.

Witnesses:

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