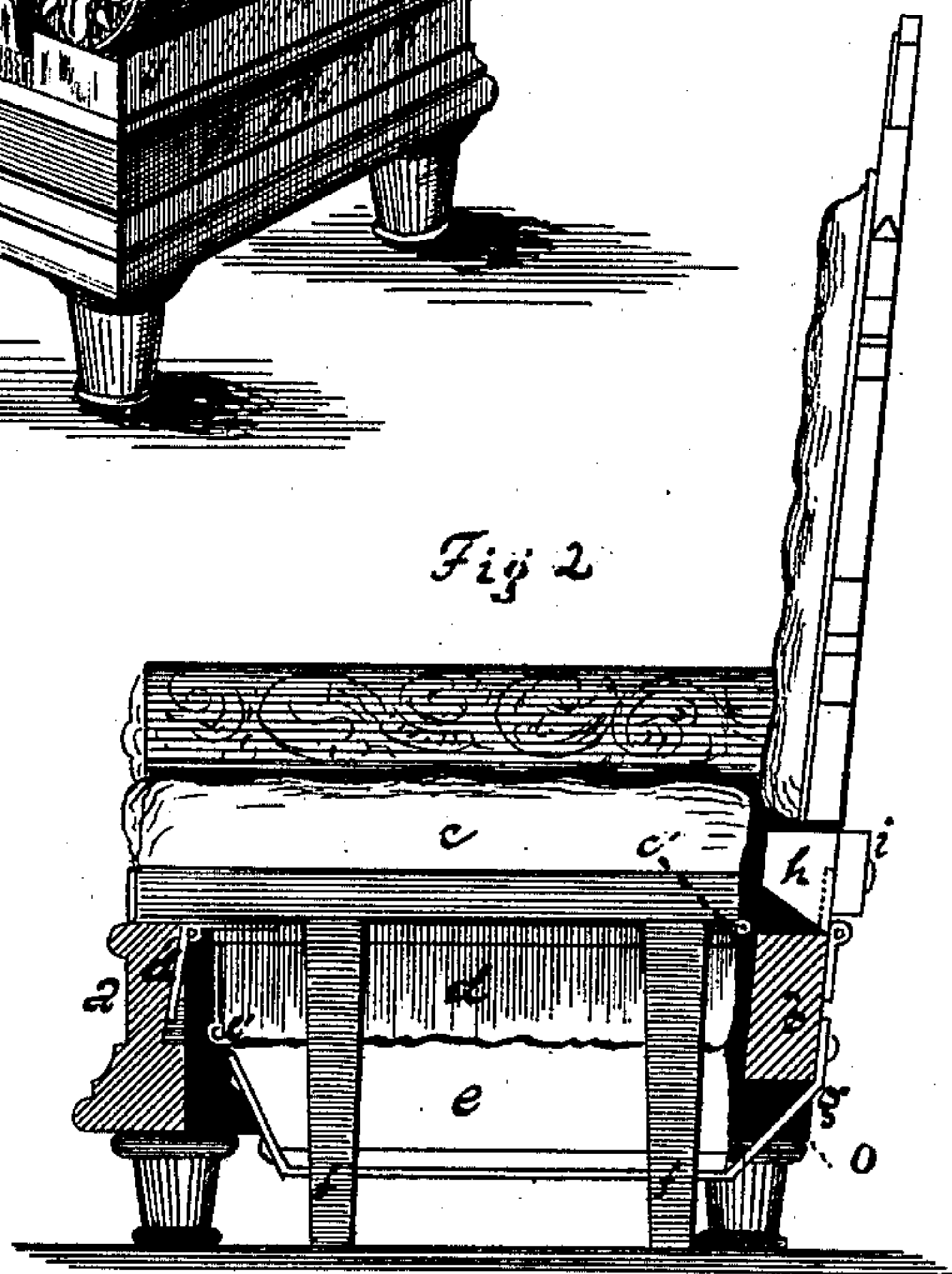
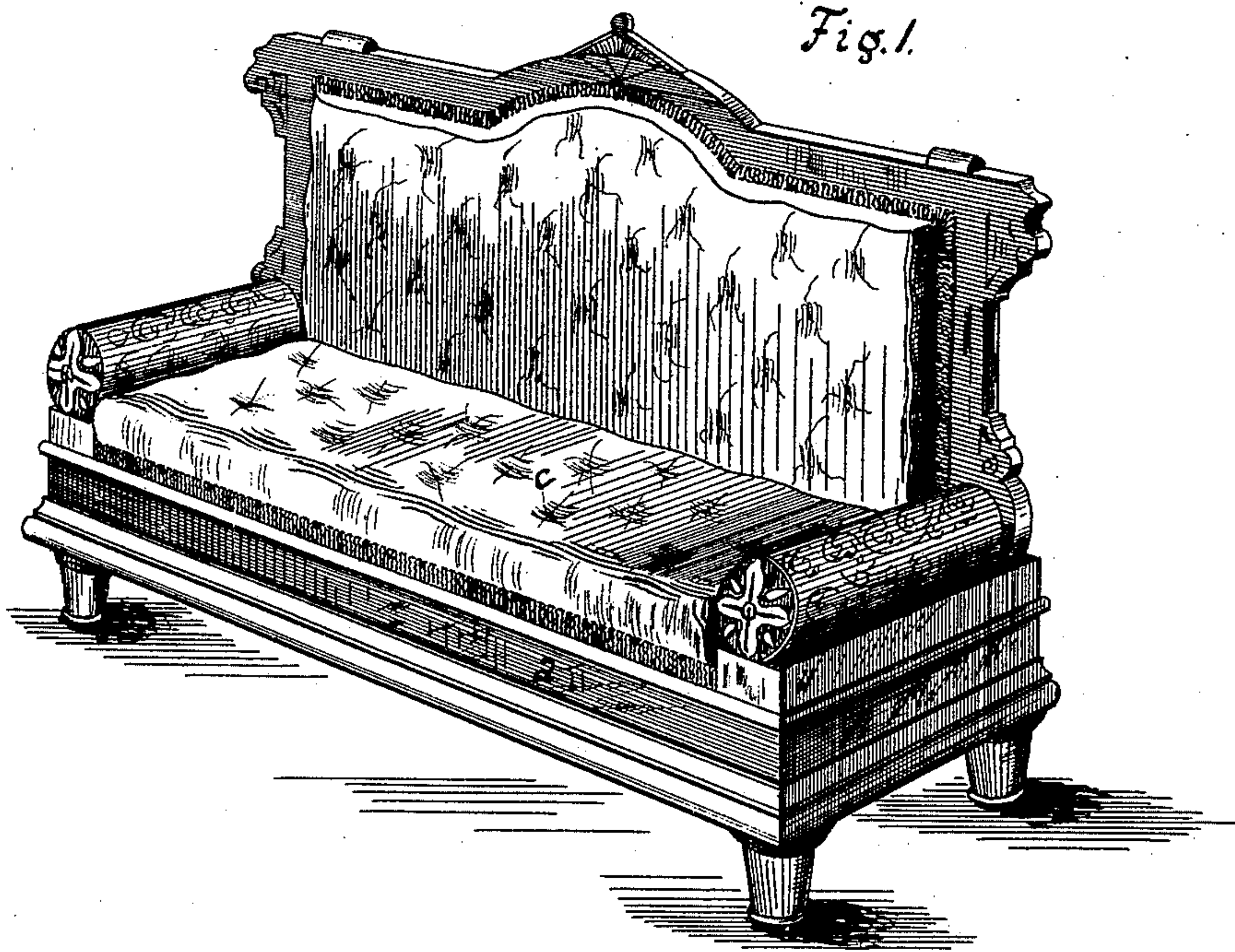


G. N. SEIDLER.
SOFA-BEDSTEAD.

No. 170,777.

Patented Dec. 7, 1875.



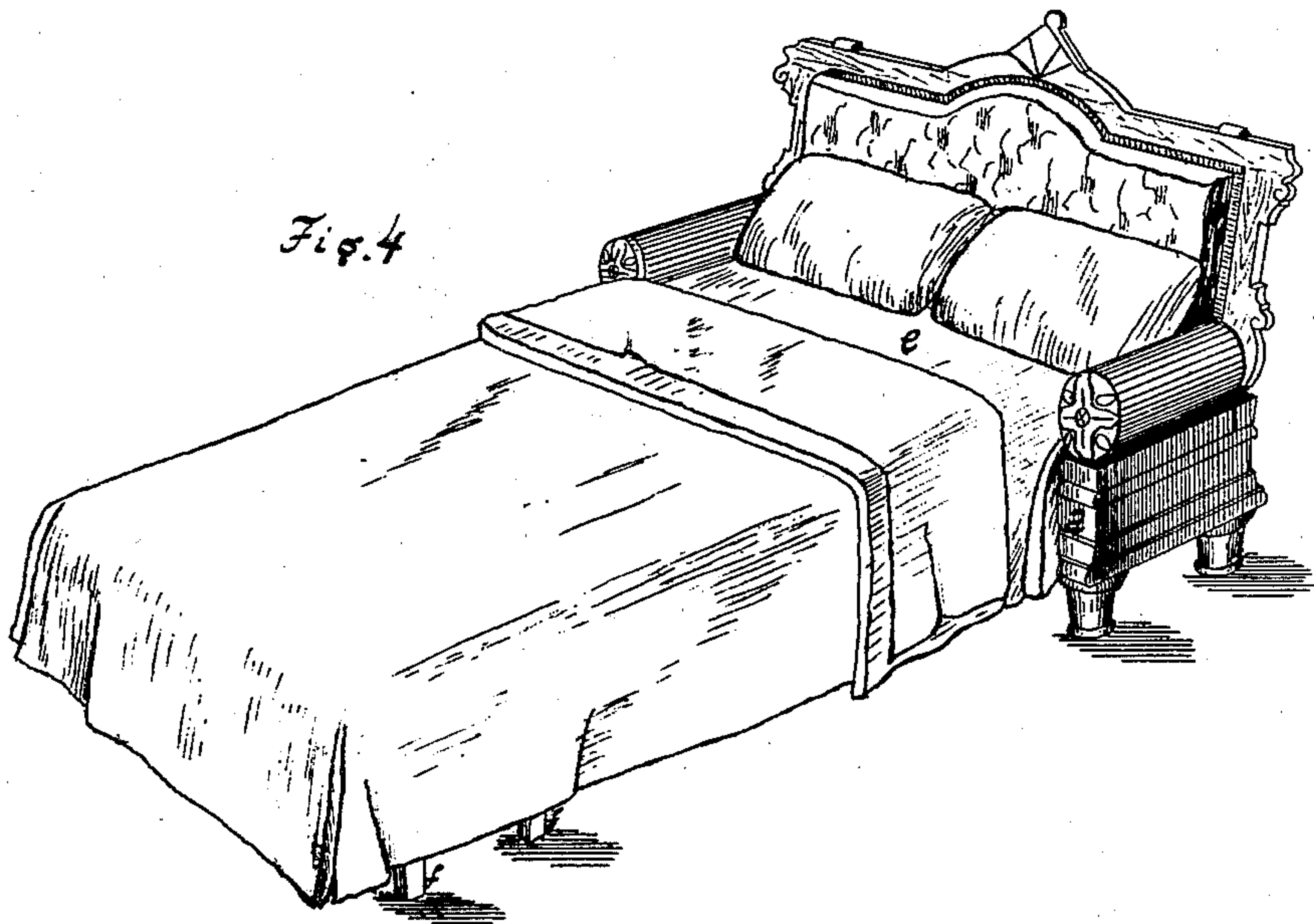
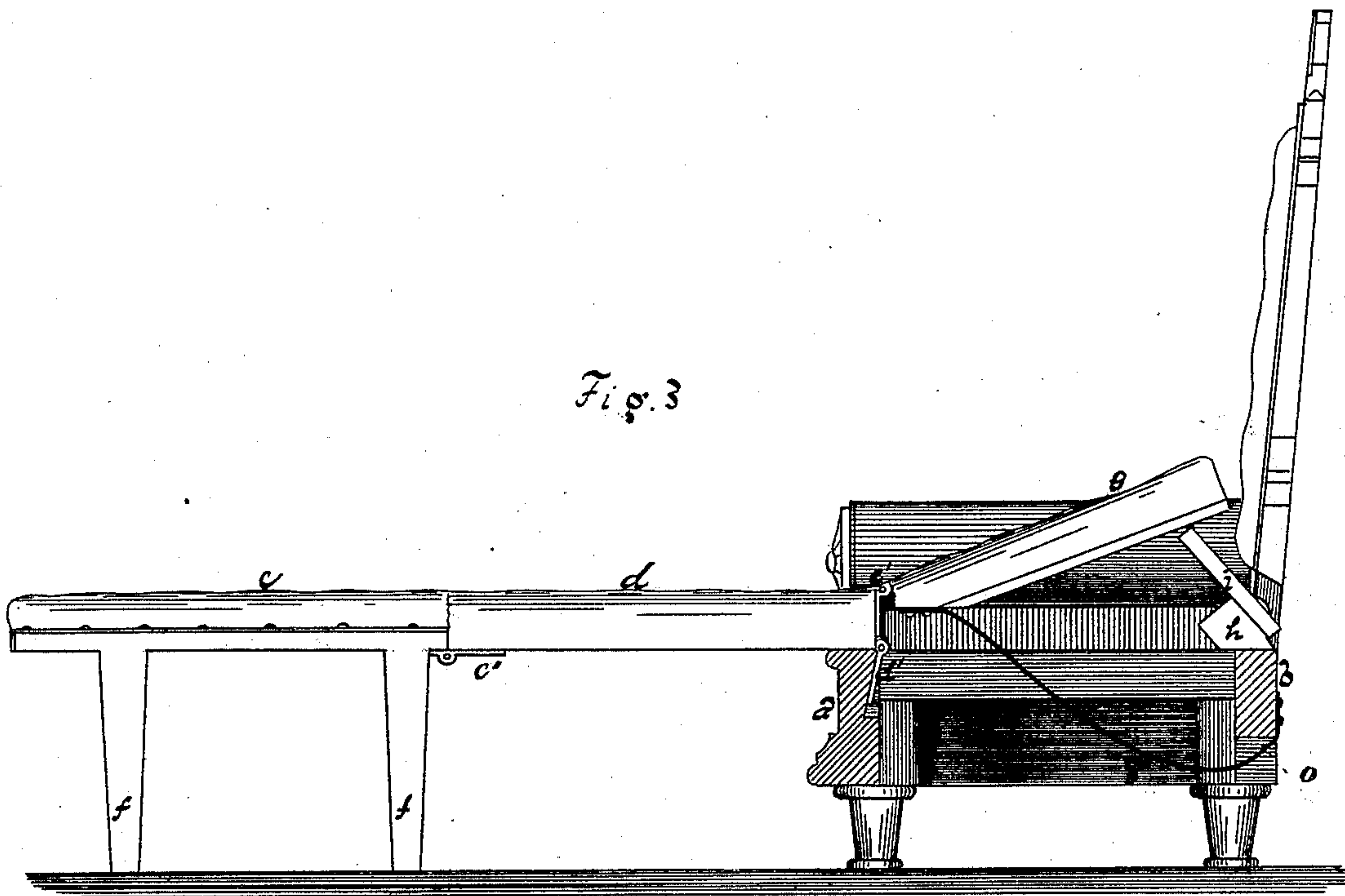
Witnesses
John Pollitt
George C. Hoban

Inventor
George N. Seidler
By W. E. Simonds Atty

G. N. SEIDLER.
SOFA-BEDSTEAD.

No. 170,777.

Patented Dec. 7, 1875.



Witnesses

John Pollard
George A. New

Inventor

George N. Seidler
By W. E. Simonds Atty

UNITED STATES PATENT OFFICE.

GEORGE N. SEIDLER, OF HARTFORD, CONNECTICUT, ASSIGNOR OF ONE-HALF HIS RIGHT TO CHARLES MAY, OF SAME PLACE.

IMPROVEMENT IN SOFA-BEDSTEADS.

Specification forming part of Letters Patent No. 170,777, dated December 7, 1875; application filed March 6, 1875.

To all whom it may concern:

Be it known that I, GEORGE N. SEIDLER, of Hartford, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements pertaining to Sofa-Beds, of which the following is a specification, reference being had to the accompanying drawings, where—

Figure 1 is a perspective view of the apparatus adjusted as a sofa. Fig. 2 is an end view of the same with the end of the sofa-frame cut off, so as to show the manner of folding the sections of the bed. Fig. 3 is an end view of the apparatus adjusted for a bed, with the end of the sofa-frame cut off as in Fig. 2. Fig. 4 is a perspective view of the apparatus adjusted as a bed.

This is one of that class of devices which, when folded up, appears to be simply a sofa or lounge, but when unfolded or expanded serves as a bed.

The features of the invention are four in number, to wit: first, a pawl-rail hinged to the rear rail of the sofa-frame, which can be swung forward to support the end of the head-section of the bed when adjusted as a bed; second, two or more pawls hinged to the pawl-rail just specified, which can be swung forward to support and raise the head-section of the bed when adjusted as a bed; third, four rigid legs attached to the under side of the foot-section of the bed, which support this foot-section when adjusted as a bed, and which, when the apparatus is adjusted as a sofa, swing inside the sofa-frame, and outside the ends of the head and middle sections of the bed, and give a firm support to the section which forms the sofa-seat; and, fourth, the combination of three sections only to form the bed, in combination with a sofa-frame, so cut away at the rear as to allow the head-section to project through the cut-away part when the sections are changed from adjustment as a sofa to adjustment as a bed, such cut-away part being necessary to allow the bed to be made of three sections only.

The letter *a* denotes the front rail, and *b* the rear rail, of the rectangular frame of the sofa. The bed is composed of three sections only,

c d e, of which the middle section *d* is hinged to the front rail *a* by hinges *d'*. The section *e* is hinged to section *d* by hinges *e'*, and section *c* is hinged to *d* by hinges *e'*. Section *c* forms the seat of the sofa when the device is adjusted as a sofa, and it bears four rigid legs, *f*, which serve to support the foot and middle sections of the bed when adjusted as a bed, and which, when adjusted as a sofa, fold inside the sofa-frame, the middle and head sections being shortened in length somewhat to permit the same, and afford a firm support from the floor, and independent of other support, for section *c* when adjusted as a sofa-seat. Sections *d* and *e* are prevented from falling to the floor, when adjusted as a sofa, by the straps *g*. The free end of head-section *c* is supported, when the apparatus is adjusted as a bed, by the pawl-rail *h*, which is hinged to the rail *b*, standing as shown in Fig. 2, when the apparatus is adjusted as a sofa, and swinging forward to support the free end of section *c* when the apparatus is adjusted as a bed. On this pawl-rail *h* are hinged two or more pawls, *i*, which can be swung up, as shown in Fig. 3, if desired, and thereby support the head of the bed in a higher adjustment.

It will be observed that section *e*, when adjusted as a bed, extends, or will extend, from the front rail of the sofa-frame to the rear rail—that is, entirely across the width of the sofa-frame—and does not need a narrow additional section at the extreme head of the bed, as does the only sofa-bed heretofore made, of which I am aware, having these sections otherwise in substance like mine.

I am enabled to make use of this cheapened, simplified, and improved construction by having the rear or back of the sofa-frame cut away or mortised with a recess, *o*, just underneath the rear rail *b*, extending nearly the whole length of the frame, through which the section *e* can project when the rear of the device commences to swing the sections from the position shown in Fig. 2 to that shown in Fig. 3. If it were not for this recess *o* the free end of section *e* would strike the frame when this operation is commenced and wholly prevent it.

I claim as my invention—

1. The combination of the hinged pawl-rail *h* with the rear rail *b*, substantially as described.

2. In combination, the rear rail *b*, hinged pawl-rail *h*, and hinged pawls *i*, substantially as described.

3. In combination, the sofa-frame, section *e*, section *d*, and section *c*, provided with rigid legs *f*, which fold inside the sofa-frame and

outside the ends of sections *d e*, substantially as described.

4. In combination, three hinged sections, *c d e*, and the sofa-frame having the cut away or recess *o*, substantially as described, and for the purpose set forth.

GEORGE N. SEIDLER.

Witnesses:

WM. EDGAR SIMONDS,
GEORGE E. NOLAN.