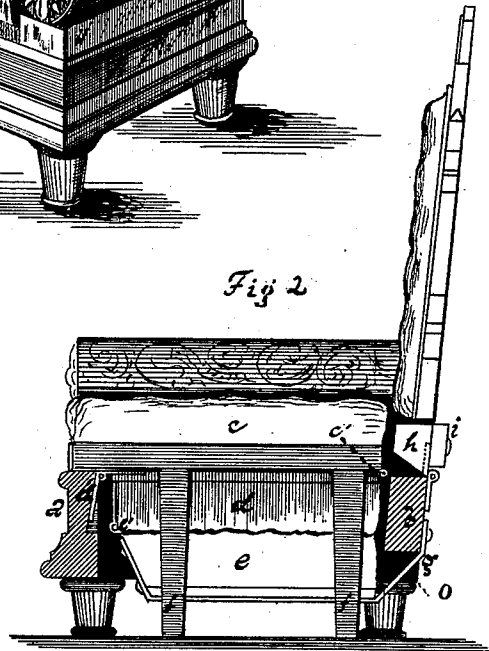
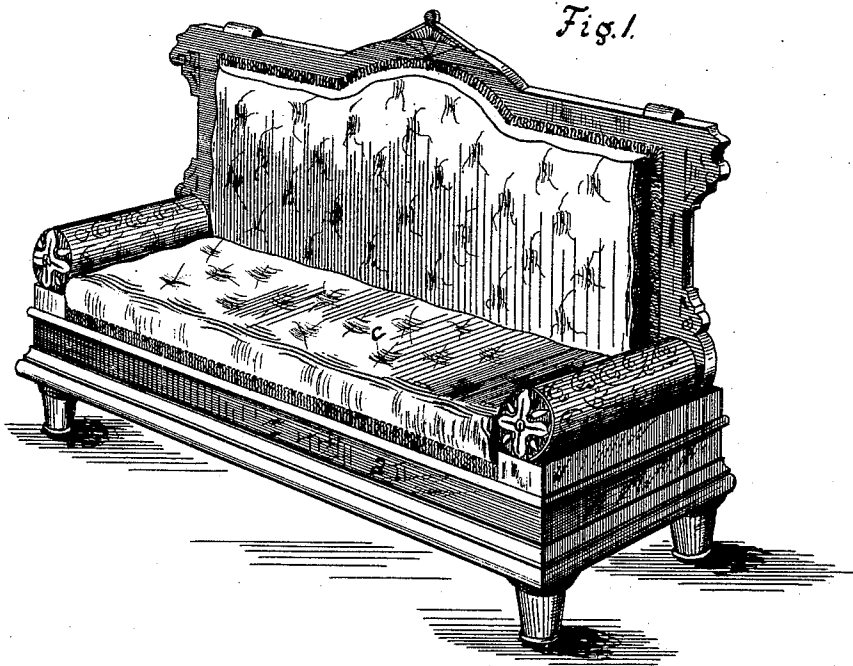


G. N. SEIDLER.
SOFA-BEDSTEAD.

No. 170,777.

Patented Dec. 7, 1875.



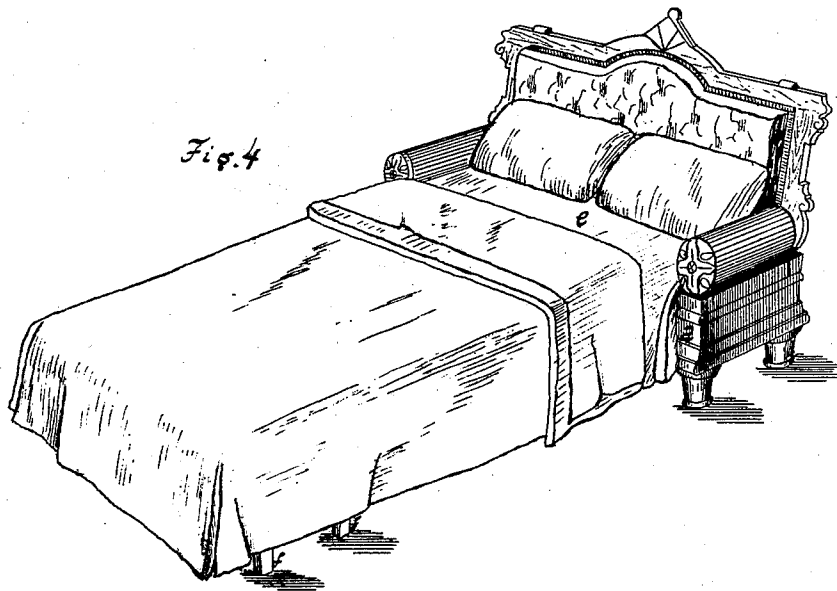
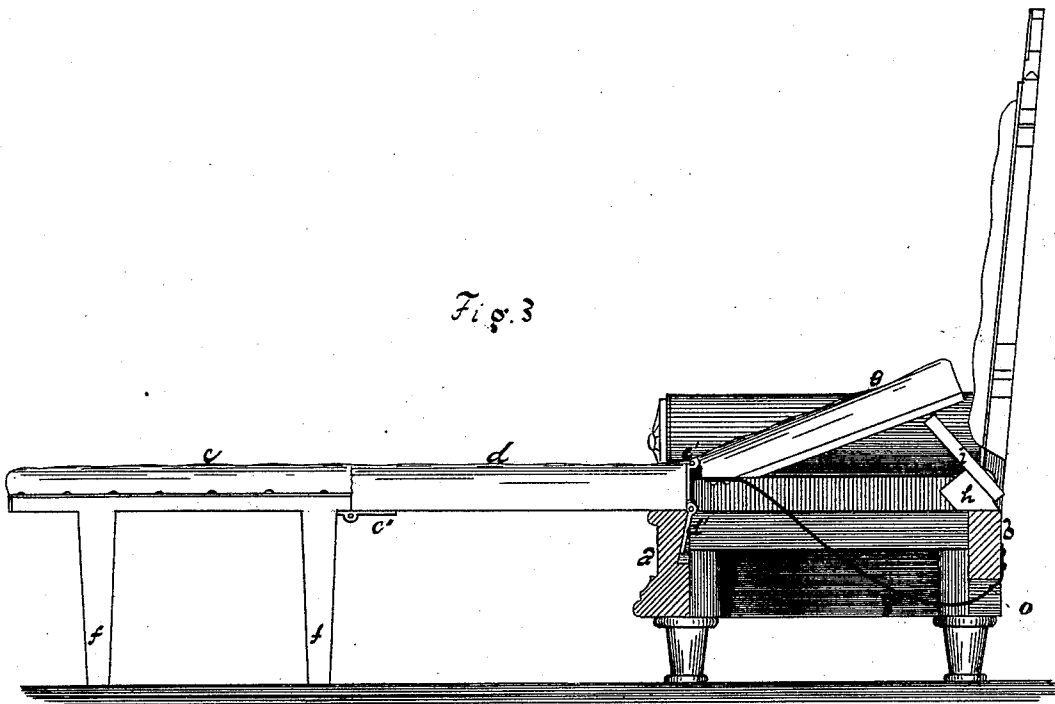
Witnesses
John Pollitt
George C. Hoban

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

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George A. Shaw

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 *c* is hinged to section *d* by hinges *c'*, and section *e* 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 *e* 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.