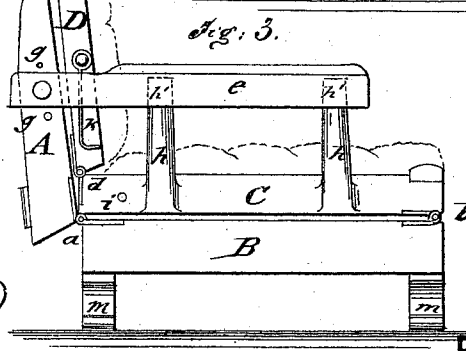
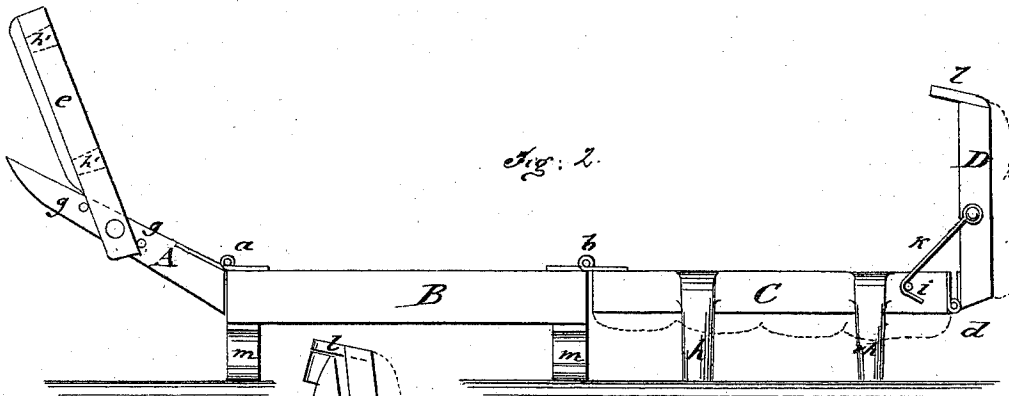
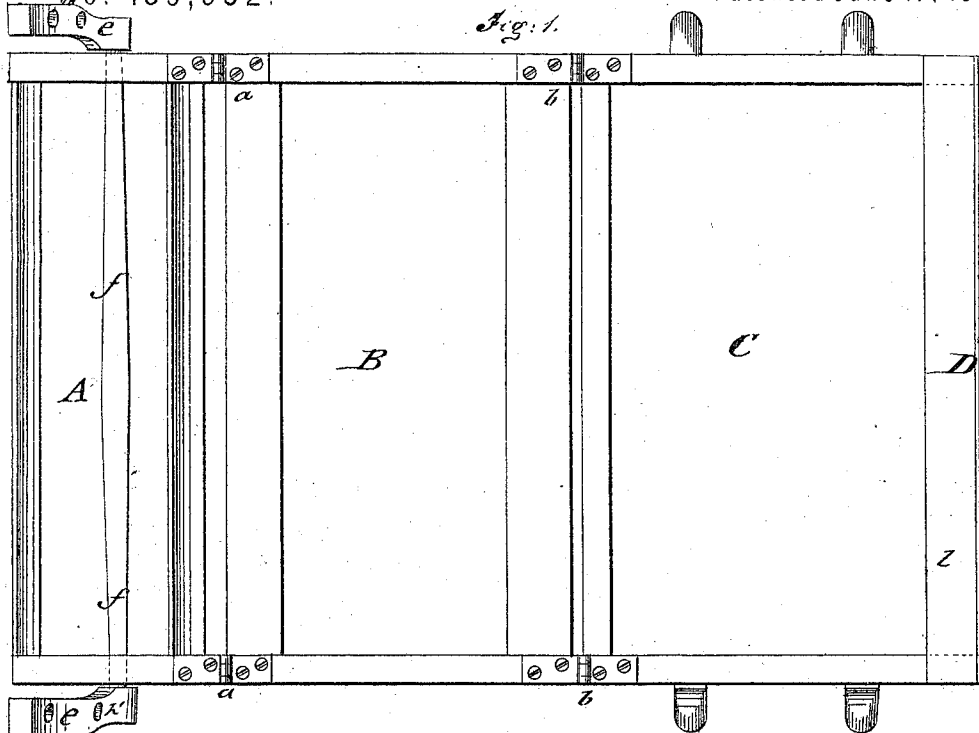


C. F. GRUNDIN.
Sofa-Bedsteads.

No. 139,952.

Patented June 17, 1873.



Witnesses:

Cros. Nida
Belguick

Inventor:

C. F. Grundin

Per

Wm. H. L.

Attorneys.

UNITED STATES PATENT OFFICE.

CHARLES F. GRUNDIN, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN SOFA-BEDSTEADS.

Specification forming part of Letters Patent No. **139,952**, dated June 17, 1873; application filed May 5, 1873.

To all whom it may concern:

Be it known that I, CHARLES F. GRUNDIN, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and Improved Sofa-Bedstead, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a top view of my sofa-bed, as thrown open; Fig. 2, a side view of the same; and Fig. 3 a side view, folded up.

Similar letters of reference indicate corresponding parts.

The object of my invention is to construct an improved sofa or arm-chair bed, which can be thrown open in such a manner that the seat or back of the sofa is not used at all for the bed, and consequently less worn, retaining its form and appearance. Any spring-bottom can therefore be used for the bed part, and the whole be placed on casters, to be easily moved, as sofa or bed. My invention consists of four parts, two for the back and two for the seat, hinged together to be swung open by disconnecting the arm top-pieces from the arm-braces, which form the legs of the front part of the bed. The sofa-back and seat form the outer side, a spring-bottom the inner and bed part of the sofa-bed.

In the drawing, A, B, C, and D represent the four sections which constitute the sofa-bed, A being the head-board, B and C the middle part of the bed, and D the foot-board. They are hinged together at *a*, *b*, and *d*, to be readily folded, the parts A D and B C fitting above each other. The sections B and C are provided at the inner side with suitable spring bed-bottom; the sections C and D are upholstered on the outside in the usual manner as sofa.

The sofa upholstery forms no part of the bed, and retains, therefore, its shape, and is as durable as any sofa in use. The bed can

be made of any suitable size, as double-bed and sofa, or as single-bed and arm-chair, the arrangement and connection of the sections being the same.

The arm top-pieces *e* are pivoted to part A, and connected by rod *f*, pins *g* arresting their movements in either direction. Suitable recesses, *h*, at the lower side of the arm-pieces *e*, close over the ends of the strong arm-braces *h* of part C, which project sidewise from it and serve as legs when folded open. Buttons *i* of piece C lock, in connection with hooks *k*, part D into its position as foot-board. The upper lateral board *l* of the part D is slightly inclined and projects when folded up over the top board of part A. The legs *m* of part B, as well as the arm-braces *h*, may be provided with casters, so that the bed or sofa may be freely moved about to any desired place.

The whole arrangement of the different parts forms a very substantial and convenient sofa and bed, the folding, opening, and closing, by merely swinging around the hinge connections, being very simple, and can be comprehended and accomplished by any woman or child in an instant.

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

1. The head part A, having two arms *ee* on a common connecting-rod, *f*, and the section C having braces *h*, each hinged to an opposite side of the section B, as and for the purpose described.

2. The part D having hooks *R* hinged to a section, C, having buttons *i*, and folding back against head A, as and for the purpose set forth.

CHARLES F. GRUNDIN.

Witnesses:

L. M. CHILD,
H. V. SHELDON.