

G. Wode,

Sofa Bedstead,

N^o 782.

Patented June 12, 1838.

Fig: 1

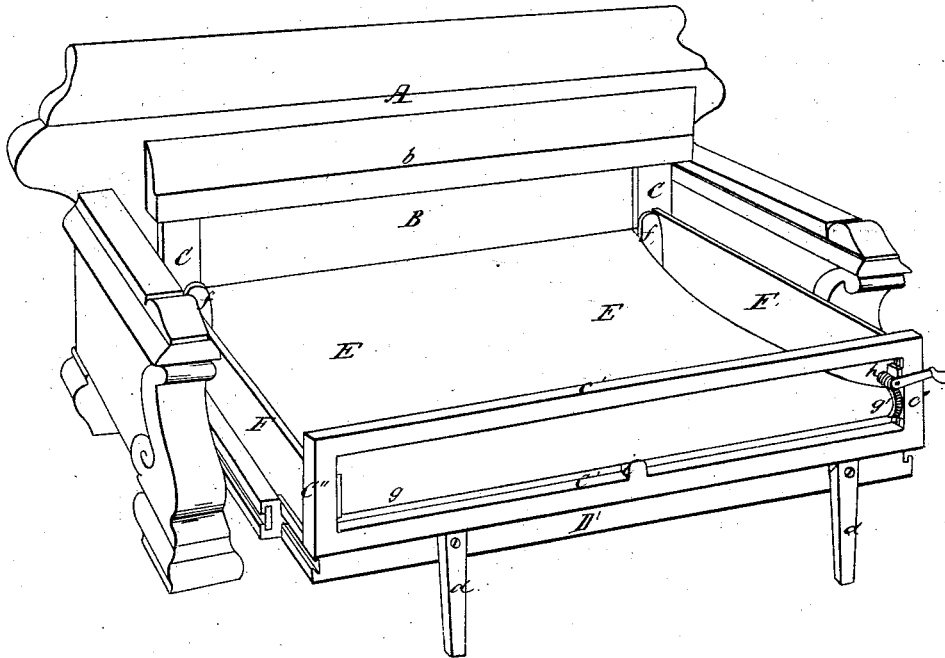


Fig: 2

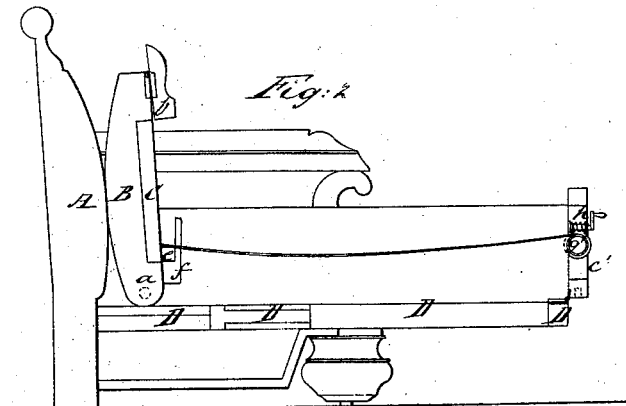


Fig: 3

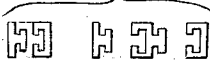
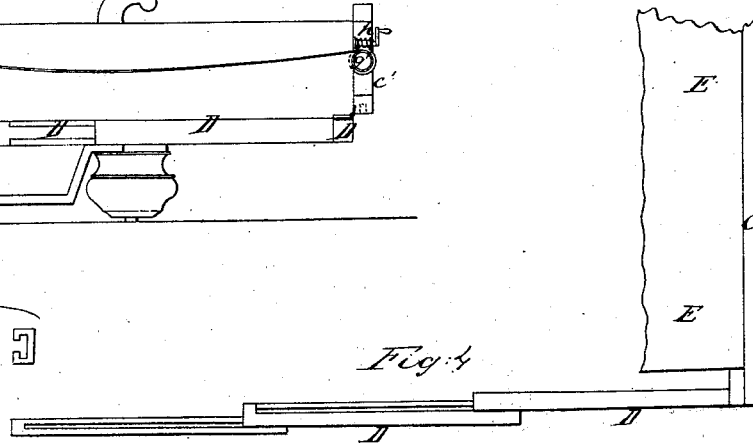


Fig: 4



UNITED STATES PATENT OFFICE.

GEORGE WODE, OF NEW YORK, N. Y.

SLIDING SOFA-BEDSTEAD.

Specification of Letters Patent No. 782, dated June 12, 1838.

To all whom it may concern:

Be it known that I, GEORGE WODE, of the city of New York, in the State of New York, have invented an Improved Sofa-Bedstead, which I denominate "Wode's Sliding Sofa-Bedstead"; and I do declare that the following is a full and exact description thereof.

My invention consists in the particular manner in which I arrange the respective parts of my sofa bedstead, so as that when required to be used as a sofa, it does not exhibit any of the characteristics of a bedstead, but appears as a perfect sofa, while it is capable of being drawn out by the aid of compound slides, and the sacking made tight by means of a windlass, operated upon by an endless screw.

Figure 1, in the accompanying drawing represents the sofa bedstead in perspective, as it appears when arranged preparatory to its being used as a bedstead, Fig. 2, is a sectional view near one end thereof; the other figures represent parts of the slide, and will be presently explained.

When the same parts are represented in the different figures, they are designated by the same letters of reference.

A, is the back of the sofa, stuffed and covered in the usual manner. B, is the bottom, or seat, of the sofa; also stuffed and covered, there being a frame to which the covering is attached, which turns upon gudgeons or pins *a*, entering the main frame of the sofa at each end, in such a position that when the seat is down, it will form a neat line of connection with the back; *c*, *c*, is a part of the frame of the seat; and B', its under side as seen when turned up. A mahogany or other facing *b*, *b*, is hinged to the edge of the frame *c*, *c*, so that when said frame is turned up it will fall into the position shown in Fig. 2; and when turned down it will cover the main front rail of the sofa frame, constituting a handsome finished facing thereto.

C', C', is a frame hinged at its lower and inner edge to the front rail D', of the sliding frame, and capable of being turned down upon it, and be covered by the sofa seat when that is turned down.

D, D, are the slide rails of the sliding frame, sliding in and out by means of locked grooves, or dovetails, in a manner well

known to cabinet makers. Sections of these are shown at Fig. 3; and a top view at Fig. 4.

Legs *d*, *d*, which turn upon pins, support the frame when drawn out, and are turned up when the frame is pushed in.

E, E, is the sacking bottom, the back end of which is firmly attached to a strip, or rail, which falls into grooved pieces *f*, at each end of the frame C, upon which also there should be a cleat to hold the said rail at the middle, as otherwise it would be apt to strain off; this rail can be readily lifted out of the grooves, and replaced at pleasure. The front end of the sacking winds around a windlass roller, *g*, *g'*, contained within the upright C'', of the frame C, C, at the end *g'* of which roller there is a toothed wheel into which the endless screw *h*, works, which by means of a wrench, is made to tighten the sacking bottom, by turning the roller. To prevent the latter from springing at the middle, there is a stud, or short post *i*, upon which it rests, and which is hollowed to receive it, and has also a projection on its inside, against which the roller bears, and is sustained, as it is wound. The gudgeons of the roller do not pass directly into the upright C', C', of the hinged frame C, but into boxes which slide up and down, in the grooves on the inside of said uprights, admitting the roller to rise and fall, as is necessary from the winding or unwinding of the sacking bottom.

F, F, are head and foot boards, of which there may be two pairs, of such lengths as to suit for either a single or double bed. These at one end are received into a groove on the inner sides of the uprights C'', C'', their other ends bearing against the grooved pieces *f*, *f*.

Operation: The cushioned seat is raised and thrown back, and the facing *b*, dropped down against it; the sliding frame is then drawn out; the hinged frame containing the windlass is raised, the head and foot boards, put in their places, (the short boards for a single bed, the long ones for a double bed,) the windlass, by means of the endless screw and crank turned so as to stretch the sacking bottom tight, the windlass and the back rail raised at the head and depressed at the foot, and all is prepared to receive the mattress and bed clothing.

What I claim as my own invention and desire to secure by Letters Patent is—

1. The manner in which I have constructed and combined the several parts of the
5 sliding sofa bedstead, as above described; that is to say, I claim the combination of the hinged front *b*, with the hinged frame, *c*, the windlass and endless screw for tightening the sacking bottom with the sliding rails;
10 the whole constructed and arranged substantially as set forth above.

2. I also claim the particular arrangement of parts by which the removal of the sacking bottom is effected, and that for raising and depressing it by means of the slides 15 which receive its gudgeons, on pivots, as above described.

GEORGE WODE.

Witnesses:

OWEN G. WARREN,
L. F. WARREN.