

(No Model.)

D. FROEHLICH.  
COMBINED BED LOUNGE AND CRIB.

No. 542,759.

Patented July 16, 1895.

Fig. 1.

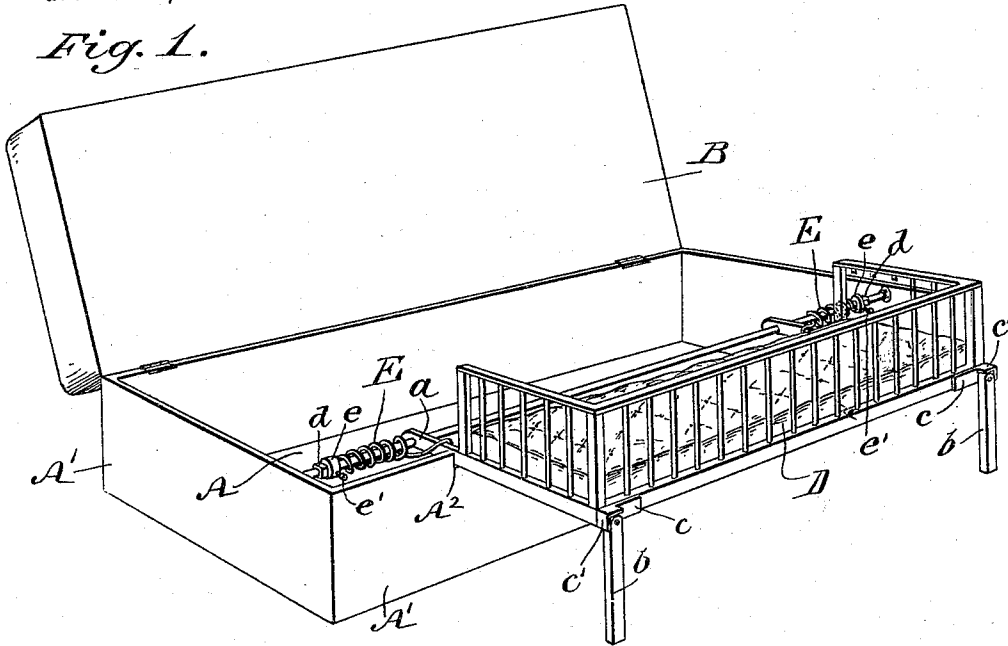


Fig. 2.

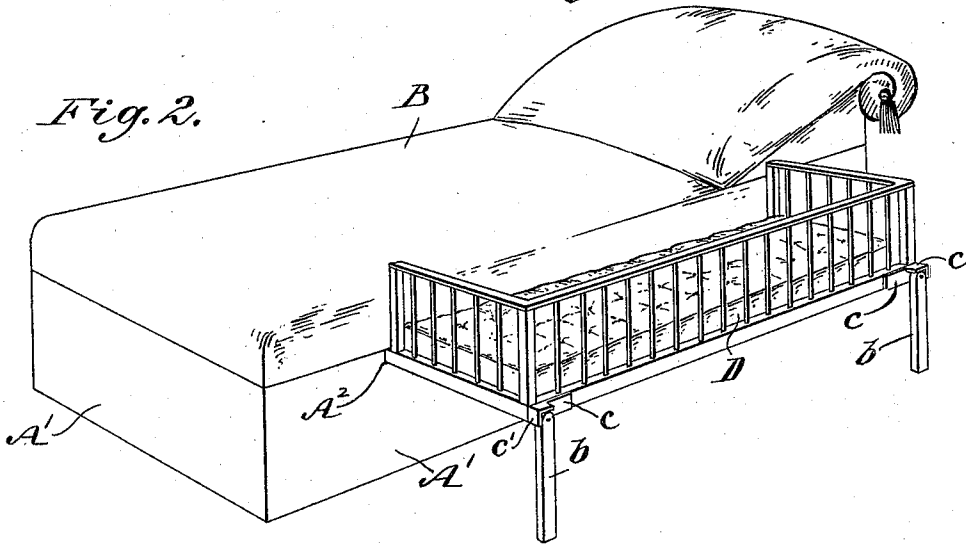
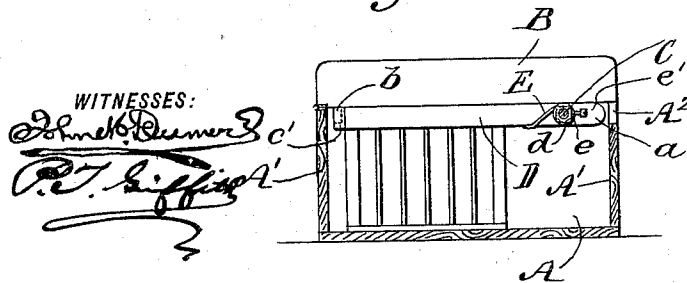


Fig. 3.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

DAVID FROEHLICH, OF NEW YORK, N. Y.

## COMBINED BED-LOUNGE AND CRIB.

SPECIFICATION forming part of Letters Patent No. 542,759, dated July 16, 1895.

Application filed October 9, 1894. Serial No. 525,335. (No model.)

*To all whom it may concern:*

Be it known that I, DAVID FROEHLICH, a citizen of the United States, and a resident of New York, county of New York, and State of New York, have invented a certain new and useful Improvement in a Combined Sofa, Bed Lounge or Couch, and Crib, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof, in which similar letters of reference indicate corresponding parts in all the figures.

This invention relates to combined folding or compartmental sofas, bed lounges or couches, and cribs, and has for its object to provide a simple, cheap, readily-constructed, and perfectly-operating device of this character wherein the crib may be secured in the sofa with sufficient space at either side for bed-clothing when the same are not in use, and be readily available when required.

A further object of the invention is to provide a device wherein the crib will be automatically projected into place when the sofa is raised and be held within the same without fastenings by the weight of that part of the sofa which is raised.

The invention consists in the novel construction and arrangement of parts hereinafter more fully described.

In the accompanying drawings, Figure 1 is a perspective view of the sofa opened and with the crib projected, the end of the latter being partially broken away. Fig. 2 is a similar view of the device ready for occupancy. Fig. 3 is an end elevation, with the wall of the box removed, of the sofa closed with the crib concealed therein.

In the practice of my invention I construct a preferably oblong box or base A, of suitable depth, having upwardly-projecting sides A', to the rear one of which is hinged the similarly-shaped upper section B of the sofa, which is flat upon its under surface. Ranging longitudinally within the box A, slightly removed from the front side thereof, is a rod or shaft C, rigidly secured in each end of the said box, upon which are loosely journaled the extended arms a of a crib D, which said crib is of appreciably less length than the box A, and when the same is in the position shown in Figs. 1 and 2 the arms a rest in slots A<sup>2</sup>, which I form in the edge of the front side A'

of the box A, whereby the crib is thus permitted to assume an exactly horizontal position, in which it is supported by means of legs b, which are pivoted to angle-bars c at each end of the crib, which bars have flanges c' upon the top and side thereof to prevent too great upward or outward movement of the legs. The crib is open upon the inner side or that adjoining the sofa.

Upon the shaft C, near each end thereof, are formed peripheral shoulders d, against which are secured nuts e, fastened to the shaft by thumb-screws e'. Between these nuts and the arms a of the crib are spiral springs E, the tendency of which is to expand both longitudinally and outwardly, one end thereof being secured to the nuts e and the inner end bearing upon the arms a and secured thereto.

The operation of the device will be readily understood from the foregoing description, taken in connection with the accompanying drawings. The sofa being in the position shown in Fig. 1, the crib is grasped and turned upon the shaft C downwardly into the box A against the springs E, which are consequently wound up and the legs b turned down. Space is thus left at either side of the crib for bed-clothing, to be used for either the crib alone or for making up the sofa into a bed as well. The upper section B of the sofa is then dropped, thus closing the box A, and the weight thereof retains the crib in place. When it is desired to use the crib the said upper section B is raised, whereupon the springs E immediately throw the crib outwardly to the horizontal position when it is ready for occupancy, the legs b automatically falling to the vertical position and supporting the same in place. The section B of the sofa is then lowered and serves to assist in retaining the crib immovably in position by bearing upon the arms a.

It will be obvious that this device is of great convenience, not only by reason of providing a crib normally concealed from view and readily accessible, whereby a child may be placed thereon to be near the mother or nurse, but for the further reason that the crib may be automatically projected by merely raising the sofa-top, thereby avoiding the necessity of holding the same up with one hand while removing the crib with the other.

I do not confine myself to the exact formation of parts and details of construction herein set forth and illustrated.

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

1. A combined sofa and crib comprising a box-shaped base, a rod or shaft ranging longitudinally within the base, a crib having extended arms which are mounted upon the said shaft and rest upon the side of the base, springs surrounding the shaft and bearing upon the arms to normally project the crib, and arranged whereby they are wound up when the crib is inserted in the base, and an upper section pivotally secured to the base and resting thereon to hold the crib therein.

2. A combined sofa and crib, comprising a substantially oblong box or base having upwardly projecting sides, a crib open upon its inner side adjacent to the sofa, legs pivoted thereto at the rear and normally in the verti-

cal position, shoulders or flanges upon the crib to limit the upward and outward movement thereof, arms extending from the crib and mounted upon the shaft, nuts secured to the said shaft at each end, expansible spiral springs surrounding the shaft, secured to the nuts at one end, and bearing upon and secured to the arms at the opposite end, whereby the crib is normally projected outwardly, and an upper section hinged to the rear wall of the box adapted to maintain the crib within the same, by its weight, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of two witnesses, this 6th day of October, 1894.

DAVID FROEHLICH.

Witnesses:

AUGUSTUS BROCHELBANK,  
JAMES F. DRENEY.