G. F. SISBOWER.

COUCH BED.

APPLICATION FILED JAN. 17, 1911.

1,126,894. Patented Feb. 2, 1915.

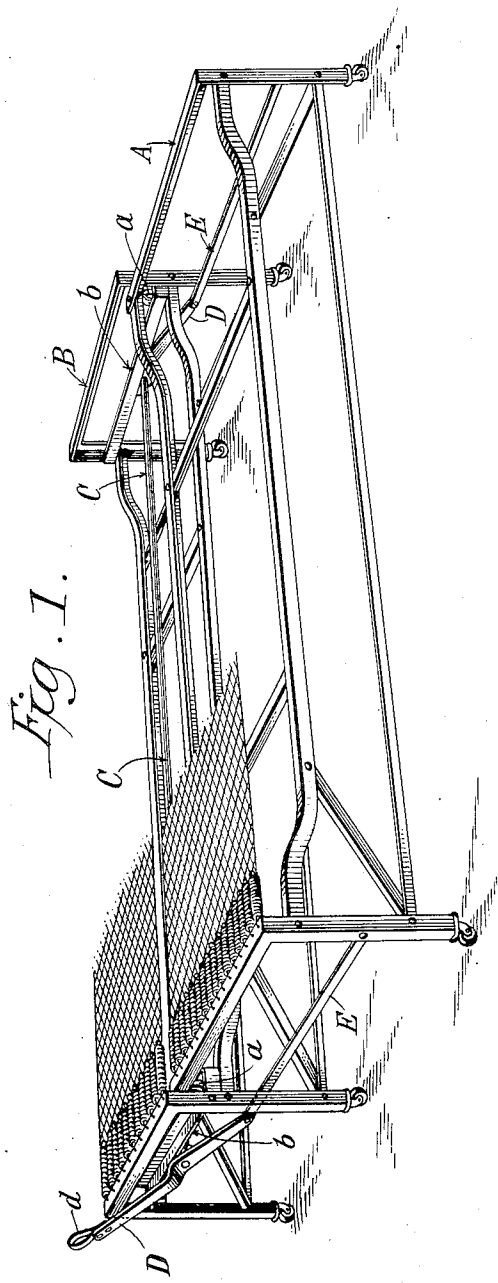


Fig. 1.

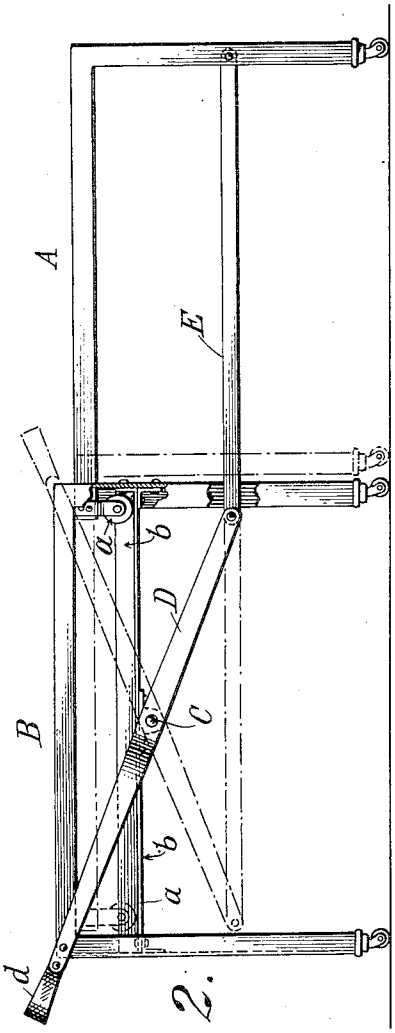


Fig. 2.

Witnesses:
L. T. Shaw.
C. B. Titus.

George F. Sisbower Inventor
By his Attorney
E. M. Bentley

UNITED STATES PATENT OFFICE.

GEORGE F. SISBOWER, OF EAST ORANGE, NEW JERSEY, ASSIGNOR TO NEW YORK COUCH BED COMPANY, OF NEW YORK, N. Y., A CORPORATION OF NEW YORK.

COUCH-BED.

1,126,894. Specification of Letters Patent. Patented Feb. 2, 1915.

Application filed January 17, 1911. Serial No. 603,043.

To all whom it may concern:

Be it known that I, GEORGE F. SISBOWER, a citizen of the United States, residing at East Orange, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Couch-Beds, the following being a full, clear, and exact disclosure of the one form of my invention which I at present deem preferable.

For a detailed description of the present form of my invention, reference may be had to the following specification and to the accompanying drawing forming a part thereof, in which—

Figure 1 is a perspective view of my improved bed and Fig. 2 an end view thereof.

My invention consists in an improved arrangement for operating the two parts of a telescoping bed wherein one part is of slightly smaller dimensions than the other, so as to pass freely thereunder, although the metallic mattress fabric in the two parts is on nearly the same level, so that when the two are drawn together a half bed is formed and when spread apart a whole bed.

Referring to the drawing A and B are respectively the extensible and stationary halves of a telescoping bed, the former being slightly shorter and slightly lower than the latter, so as to pass freely thereunder. The part A has also but two legs, the inside edge resting and traveling on guides or cross-bars *b*, *b*, of stationary part B with intervening rollers *a*, *a*. Extending from end to end of part B, and on a lower level than the bars *b b* is a rod or rock shaft C, mounted in bearings on the under side of said bars. Since the rock shaft is below the bars *b b* the part A can move more freely to and fro above it. On each end of the rock shaft C is fastened a lever D, of which only one lever is fully shown in Fig. 1, and the lower end of each lever D swings approximately from one side to the other of the stationary part B and is connected by link E to the corresponding outer leg of the part A. The levers D may have for convenience a leather loop *d* at the outer end, and are offset as indicated to engage the adjacent links E which pass back of the legs of the stationary section.

When the levers D are turned to the position shown by full lines in Fig. 2, the part A will be pushed out into the open position for a full bed, as shown in Fig. 2. By turning the levers D, (the lever at only one end of the bed needs to be manipulated) the part A is drawn inward to its closed position as shown by the dotted lines in Fig. 2. The part A will travel freely by means of rollers *a*, *a*, and the casters on its two legs. This produces an extremely simple, cheap and effective arrangement, the rock shaft C being out of the way beneath the mattress fabrics of both beds and not in a position to interfere with the free passage of the part A into and out of its closed position. Moreover the part travels horizontally into and out of its two positions without being lifted at either edge.

What I claim as new and desire to secure by Letters Patent is:

1. A couch bed comprising a stationary section provided with legs, transverse guide bars connecting said legs near the top of the section and serving as the sole transverse braces for the legs, an extensible section one side of which is slidingly supported by said guide bars, the other side of said extensible section being provided with legs, a longitudinally disposed rock shaft supported by the guide bars of the stationary section, connections between said rock shaft and said extensible section, said connections being within the stationary section, and means for actuating said rock shaft.

2. A couch bed comprising a stationary section provided with legs, transverse guide bars connecting said legs near the top of the section and serving as the sole transverse braces for the legs, an extensible section one side of which is provided with supporting devices slidingly engaging the upper faces of said guide bars, the other side of said extensible section being provided with legs, a longitudinally disposed rock shaft supported by the under faces of the guide bars of the stationary section, connections between said rock shaft and said extensible section, said connections being within the stationary section and means for actuating said rock shaft.

3. A couch bed comprising a stationary section provided with legs, transverse guide bars connecting said legs near the top of the section and serving as the sole transverse braces for the legs, an extensible section one

side of which is provided with supporting devices slidingly engaging the upper faces of said guide bars, the other side of said extensible section being provided with legs, a longitudinally disposed rock shaft supported by the under face of the guide bars of the stationary section, levers secured to the ends of said rock shaft and having their lower ends within the stationary section, links connecting the lower ends of said levers with the legs of the extensible section, and a hand lever secured to said rock shaft.

In witness whereof I have hereunto set my hand before two subscribing witnesses, this 16th day of January, 1911.

GEORGE F. SISBOWER.

Witnesses:
L. T. SHAW,
C. B. TITUS.