

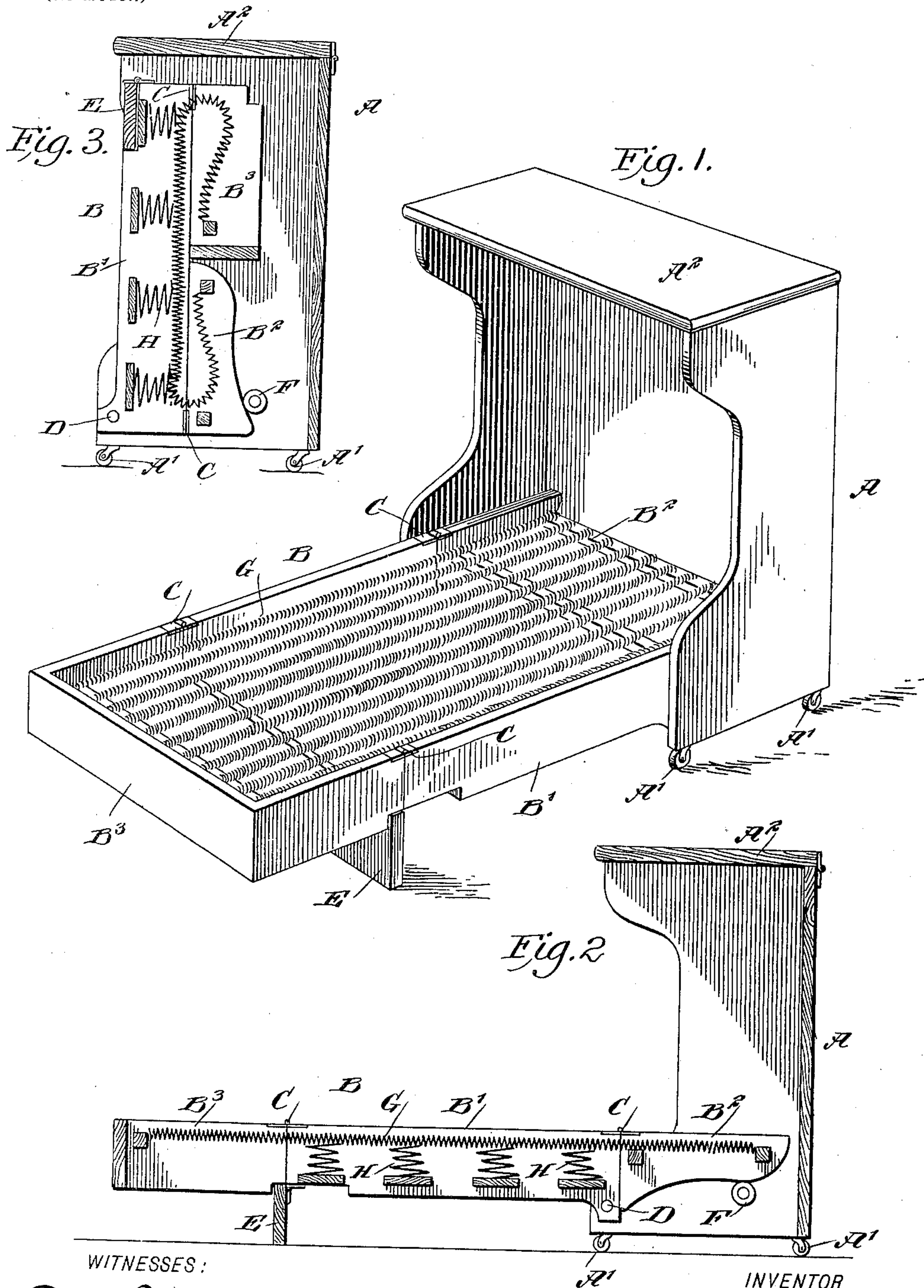
No. 656,980.

Patented Aug. 28, 1900.

L. B. JEFFCOTT.
FOLDING BED.

(Application filed Jan. 30, 1900.)

(No Model.)



WITNESSES:

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UNITED STATES PATENT OFFICE.

LEWIS B. JEFFCOTT, OF NEW YORK, N. Y.

FOLDING BED.

SPECIFICATION forming part of Letters Patent No. 656,980, dated August 28, 1900.

Application filed January 30, 1900. Serial No. 3,313. (No model.)

To all whom it may concern:

Be it known that I, LEWIS B. JEFFCOTT, a subject of the Queen of Great Britain, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Folding Bed, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved folding bed which is simple and durable in construction and arranged to take up very little room when folded.

The invention consists of novel features and parts and combinations of the same, as will be fully described hereinafter and then pointed out in the claims.

A practical embodiment of the invention is represented in the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of the improvement extended. Fig. 2 is a longitudinal sectional side elevation of the same, and Fig. 3 is a like view of the improvement folded.

The improved folding bed consists of a casing A and a bed proper, B, having a middle section B' and end sections B² B³, connected by hinges C with the middle section B', as is plainly indicated in the drawings, to permit of folding the end sections B² B³ upon the upper face of the middle section B', as shown in Fig. 3. The middle section B' has its sides pivoted at D to the sides of the casing A, the pivots being located near the bottom of the middle section B' at the end adjacent to the end section B², as is plainly illustrated in the drawings, so that when the middle section B' is swung into a vertical position, as indicated in Fig. 3, and the sections B² B³ are folded upon the top of the middle section, then all three sections extend within the casing A, and the whole folding bed takes up exceedingly little room, especially in height, owing to the bed proper being made in sections folded in the manner described.

On the free end of the middle section B' and at the bottom thereof is hinged a leg E, adapted to form a support not only for the middle section, but also for the outer end section B³ by the top of said leg being engaged by the under side of the middle sec-

tion, as indicated in Fig. 2. The under portion of the middle section B' is cut out for the leg E to swing into a flush position on the middle section when the bed is folded up, as shown in Fig. 3.

The free end of the end section B² of the bed proper has its under side curved and resting on friction-rollers F, journaled on the sides of the casing A, so that when the outer section B³ is folded upon the middle section B' and the latter is swung into an uppermost folded position then the said middle section B' causes the end section B² to swing with the friction-rollers F as the fulcrum, so as to cause the said end section B² to finally fold upon the top of the middle section B' when the latter reaches a vertical position, as indicated in Fig. 3.

The mattress G is preferably of the flexible kind and extends in three sections, as indicated, and is sufficiently flexible to allow of folding the end sections B² B³ when the bed is folded up, as shown in Fig. 3. The middle section carries the usual springs H to give the desired support to the mattress G at the point where the most strain is exerted on the mattress by the occupant of the bed.

The casing A is preferably mounted on casters A', and its top A² is hinged to permit of swinging the top into an open position to allow of conveniently folding the bed into the casing or opening it up therefrom for use. When the bed is extended or is folded up, the top A² is again swung into the regular angular position. (Indicated in Figs. 1 and 2.)

By having the pivot D for the middle section B arranged as described it is evident that when the bed proper is folded in the casing, as shown in Fig. 3, then the weight of the bed proper tends to hold the several sections in an innermost folded position, as the pivot is located at the lower outermost corner of the bed, and hence no springs, weights, or other devices are necessary to hold the bed in a folded position within the casing.

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

1. A folding bed, comprising a casing, a bed proper having a section pivoted to the casing at one end, and near the bottom thereof, an end section hinged to the first-named

section and extending into the casing, said last-named section having cam-faces, and rollers journaled in the casing for engaging the cam-faces of the end section, substantially as specified.

2. A folding bed comprising a casing, a bed proper having a middle section pivoted to the casing at one end and near the bottom thereof, end sections hinged to the ends of the middle section at the top thereof, one end section extending in the casing, and hav-

ing cam-faces and friction-rollers journaled in the casing and engaging the cam-faces on the end section, substantially as shown and described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

LEWIS B. JEFFCOTT.

Witnesses:

THEO. G. HOSTER,

EVERARD BOLTON MARSHALL.