(No Model.)

F. B. HEMINGWAY.

FOLDING WOVEN WIRE COT AND MATTRESS.

No. 336,110. Patented Feb. 16, 1886.

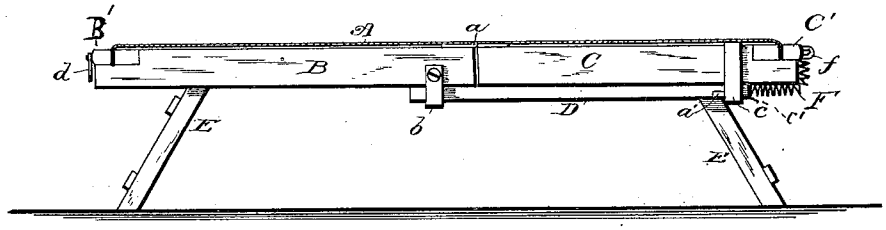


Fig 1.

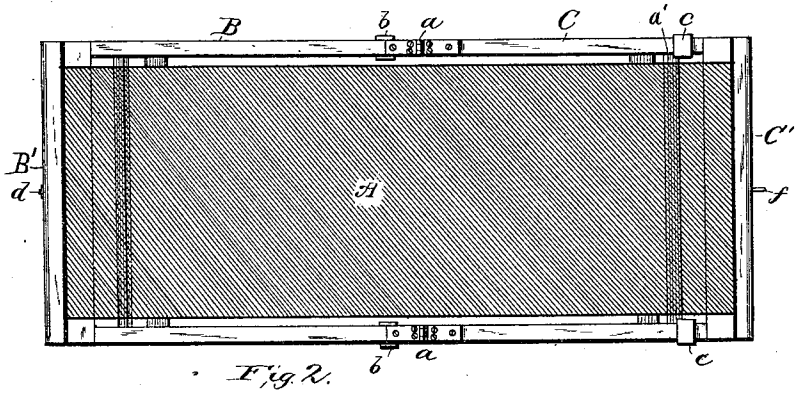


Fig 2.

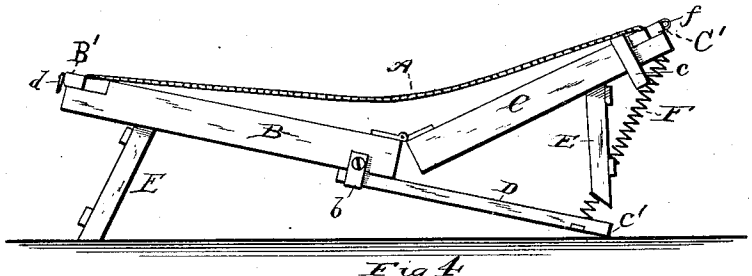


Fig 4.

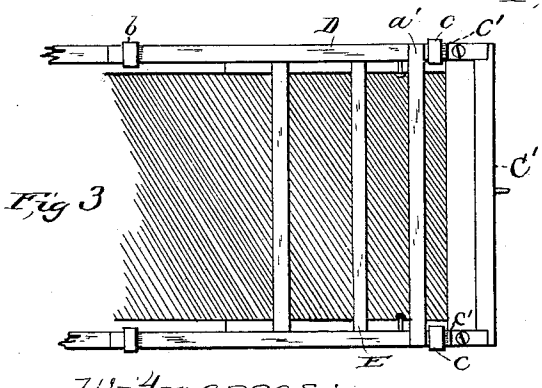


Fig 3

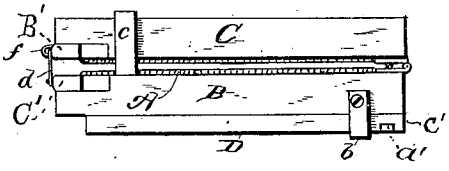


Fig 5.

Witnesses:
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UNITED STATES PATENT OFFICE.

FREDERICK B. HEMINGWAY, OF CLINTON, IOWA, ASSIGNOR TO HEMINGWAY & KELLEY, OF SAME PLACE.

FOLDING WOVEN-WIRE COT AND MATTRESS.

SPECIFICATION forming part of Letters Patent No. 336,110, dated February 16, 1886.

Application filed November 14, 1885. Serial No. 182,846. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK B. HEMINGWAY, a citizen of the United States of America, residing at Clinton, in the county of Clinton and State of Iowa, have invented certain new and useful Improvements in Folding Woven-Wire Cots and Mattresses, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to a folding cot convertible into a lounge or a hammock, constructed as hereinafter fully set forth and claimed.

In the accompanying drawings, Figure 1 is a side view of my improved cot opened and secured in position for use as a cot or bed. Fig. 2 is a plan view of the same. Fig. 3 is a bottom view of the middle and head portion of the same. Fig. 4 is a side view showing the cot converted into position for use as a hammock or a lounge. Fig. 5 is a side view of the cot folded together.

A designates a wire mattress stretched tightly and securely fastened to the cross-bars of the frame, made in two sections, B C, which are hinged together at *a*, and provided with the folding legs E.

D designates lock-bars tied together near their front ends by the bar *a'*. The foot portion, B, of the frame is provided with loops or stirrups *b*, attached near the hinged joint to the sides of the section B of the frame, and extend downward to receive and hold in place the rear portions of the lock-bars, which are constructed to fit loosely in the stirrups, so that the bars may slide rearward through the stirrups when the cot is folded up, as seen, Fig. 5. The forward portion of the section C of the frame is provided with the loose collars *c*, extended downward and adapted to receive the forward ends, *c'*, of the lock-bars, to hold the cot in position, as shown in Figs. 1 and 2 of the drawings.

F designates a coil-spring attached to the head-bar C' of the frame and to the cross-bar *a'* of the lock-bars, for staying in position the section C when unlocked and raised, and also to aid in imparting a yielding vibratory movement to the head-section of the frame when used as a hammock or lounge. The foot and head bars, B' C', of the frame are provided with a hook and eye, *d f*, for fastening the sections together when they are folded up, as shown in Fig. 5 of the drawings. The wire mattress is stretched tightly and fastened at the ends to the head and foot bars B', C', of the sections B C of the frame in the opened and locked position for use as a cot, as shown in Figs. 1 and 2.

To convert the cot into position to be used as a hammock or lounge, the adjustable collars *c* are slipped off the ends *c'* of the lock-bars and the head-section C is drawn upward by the contracting force of the wire mattress to the position shown in Fig. 4 of the drawings. The spring F acts as a yielding stay and counteracts the force of the wire mattress, preventing the head-section from being forced too far upward. In this position the ends *c'* of the lock-bars rest upon the floor and the body of the wire mattress swings freely above or between the rails of the frame, in the position of a hammock. The contracting force of the wire mattress and the counteracting force of the spring allow and produce vibratory movements of the head-section when desired by the occupant, and afford a pleasant easy bearing to both the lower and upper portions of the body.

For packing and transporting the convertible cot, one end of the spring F is detached and the section C is folded over on and fastened to the section B, and the lock-bars are slid toward the foot through the stirrups *b*, and the legs of the cot and the body of the mattress are folded up between the sides of the frame, as shown in Fig. 5 of the drawings.

When required for use again, the hinged sections of the frame are readily unfastened and opened in position to be occupied as a lounge, hammock, or cot, as set forth.

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

The convertible cot, hammock, and lounge, consisting of the combination of the wire mattress A, the hinged sections B C of the frame, having their ends attached to the ends of the mattress, the fixed stirrups *b* and movable collars *c*, the lock-bars D, and the spring F, all constructed and arranged substantially as and for the purpose described.

In testimony whereof I hereunto affix my signature in presence of two witnesses.

FREDERICK B. HEMINGWAY.

Witnesses:

JOHN F. HAYES,

ARNOLD WALLIDER.