

(No Model.)

A. HUBER.
SPRING BED BOTTOM.

No. 387,787.

Patented Aug. 14, 1888.

Fig. 1

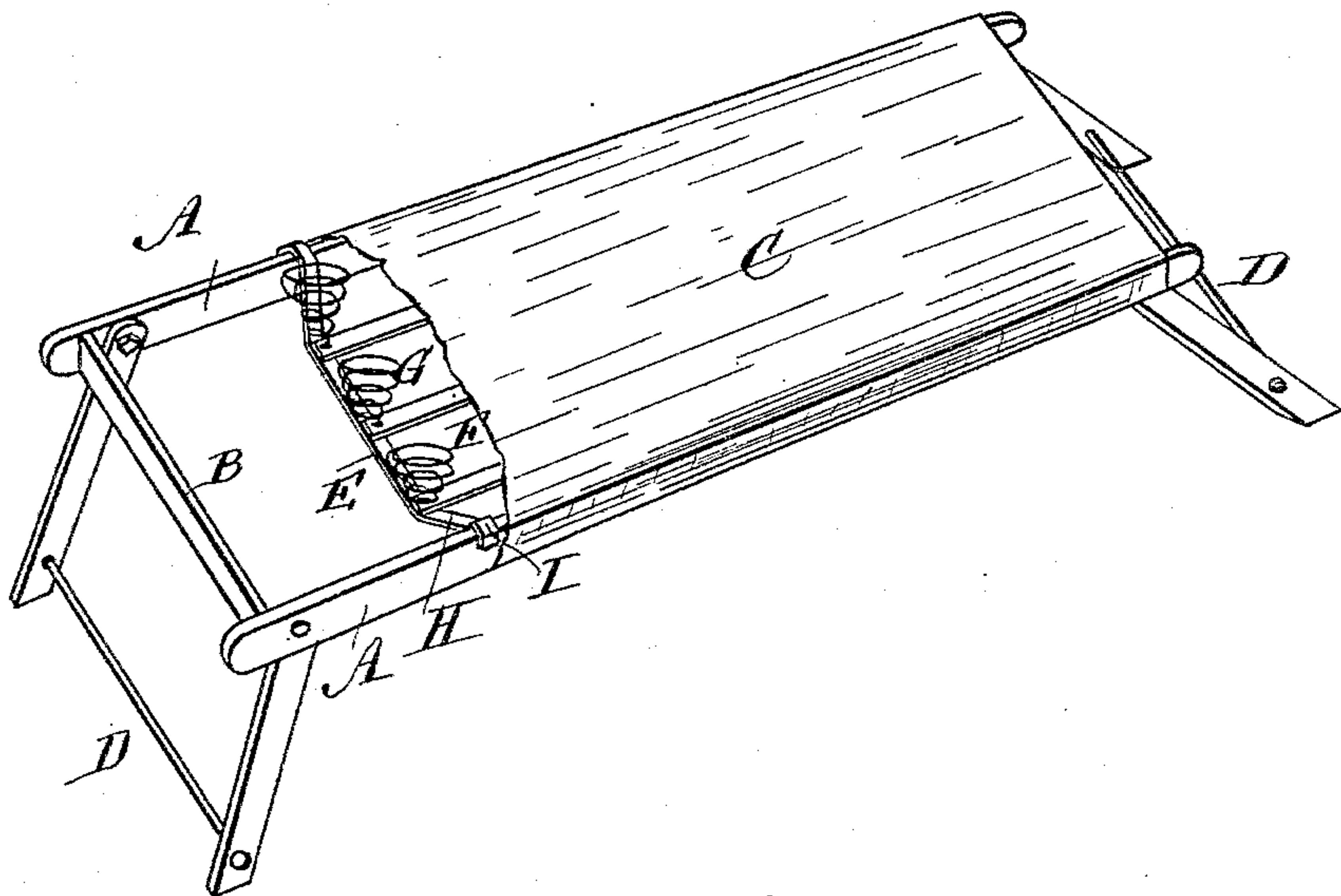


Fig. 2

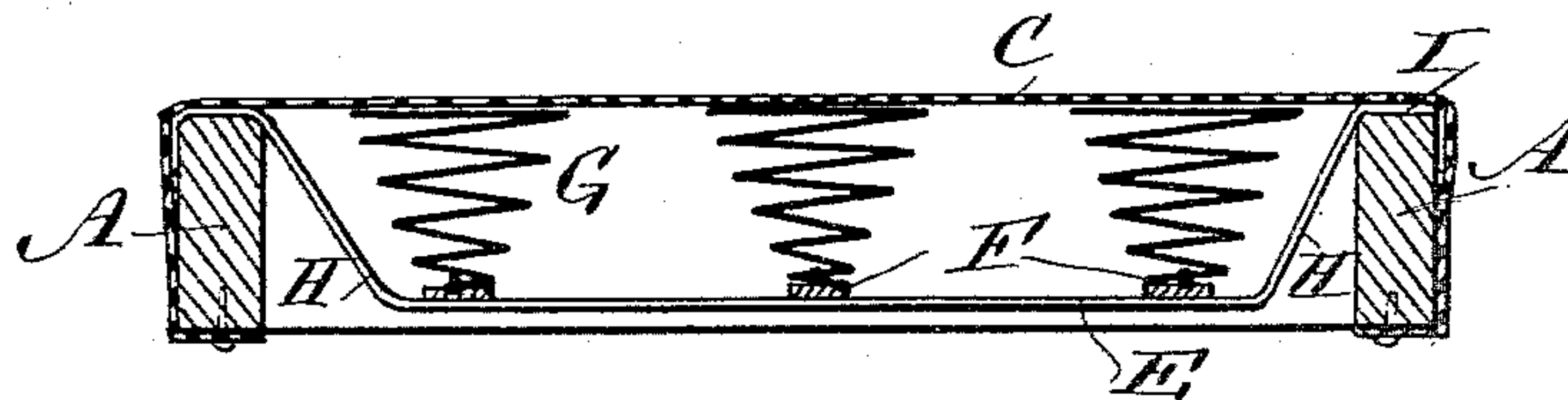
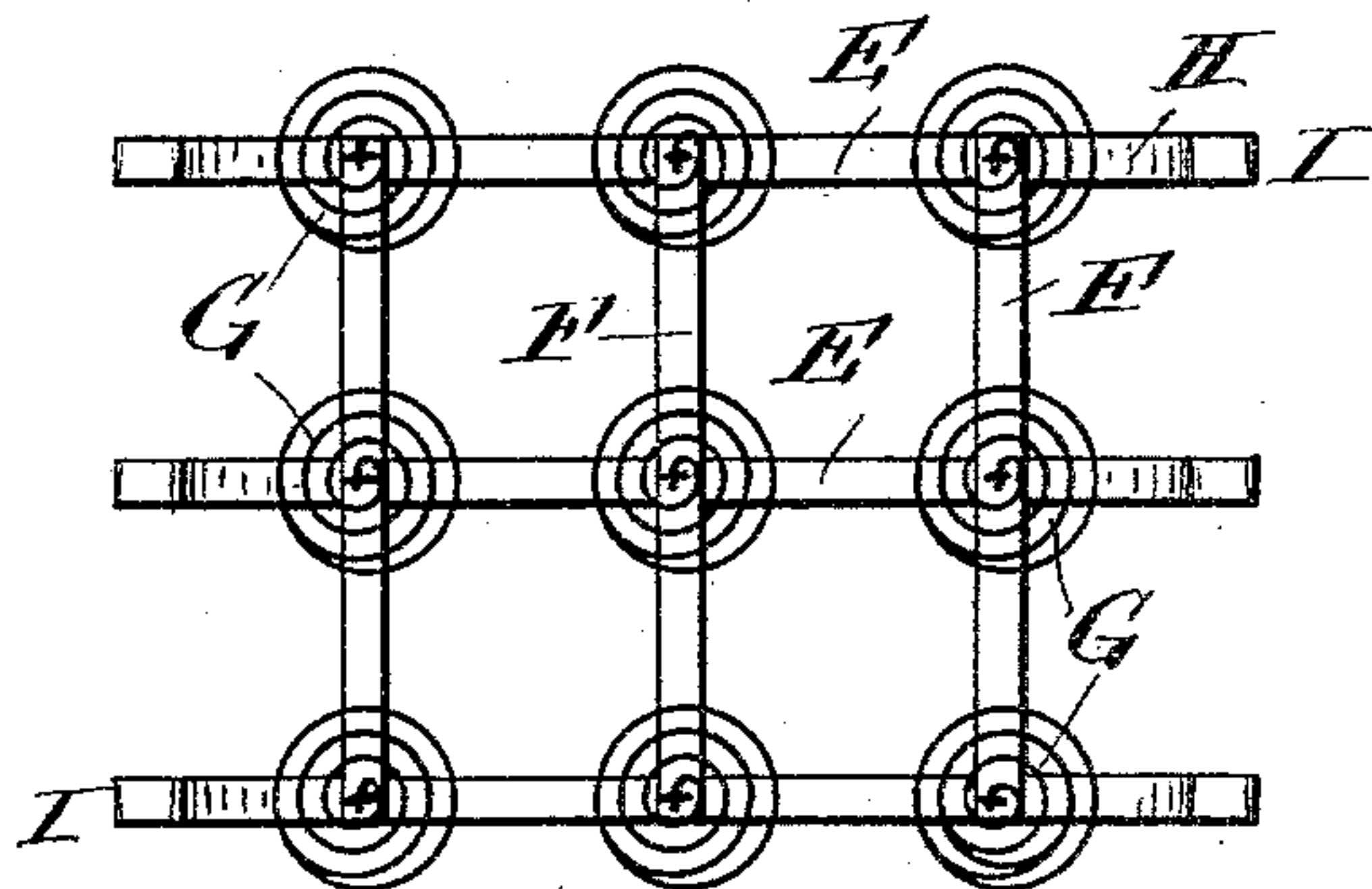


Fig. 3



WITNESSES:

C. Neveu
C. Sedgwick

INVENTOR,

A. Huber
Munn & Co

BY

ATTORNEY.

UNITED STATES PATENT OFFICE.

ANTHONY HUBER, OF NEW YORK, N. Y.

SPRING BED-BOTTOM.

SPECIFICATION forming part of Letters Patent No. 387,787, dated August 14, 1888.

Application filed March 23, 1888. Serial No. 268,238. (No model.)

To all whom it may concern:

Be it known that I, ANTHONY HUBER, of the city, county, and State of New York, have invented a new and useful Improvement in Spring Cot-Bottoms, of which the following is a full, clear, and exact description.

This invention relates to an improvement in portable cots in which the flexible bottom, supported by the frame to which the folding legs are connected, is, in addition, sustained by springs to give the ease and comfort of the ordinary spring-bed.

The object of my improvement is to provide for the ready application of the springs to the cot when desired for use, and for their convenient removal when the cot is to be folded up.

The invention consists of a novel construction and combination of parts, substantially as hereinafter fully described, and as distinctly claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of a cot to which my improvement has been applied, part of the fabric bottom being broken out. Fig. 2 is a cross-sectional view of the same. Fig. 3 is a detail plan view of the spring cot-bottom.

A designates the side-bars, and B the cross-bars, of the frame of a cot of common description, C the fabric or other flexible bottom, supported at its edges by the said frame, and D the folding legs pivotally connected to the frame.

The body of the spring-bottom (shown detached in Fig. 3) is formed of a series of parallel cross-strips, E, of thin metal, as iron, and a series of similar parallel longitudinal strips, F, crossing the respective strips E and riveted thereto at their intersections, at which points also are attached spiral springs G, of the ordinary or any approved description.

The cross-strips E are bent upward at an angle near either end outside the outer springs, G, to form inclined hangers H, and at their extreme outer ends outward and downward to form hooks I, adapted to engage the upper edges of the respective side bars, A, of the cot-frame, the arrangement being such that when the spring-bottom is thus suspended within the cot-frame beneath the fabric bot-

tom C the tops of the springs will be in a position to sustain said fabric bottom yieldingly and render the same very easy and comfortable to lie upon.

It will be noticed that when the spring-frame is in place on a cot, with the hooks I overlapping the side bars of the frame, the said bars will be prevented from outward movement and will be braced. If the hanger merely rested upon the top edges of the frame, the weight of the person in the cot would tend to draw the ends of the hangers inwardly and at the same time force the side bars apart, so that the said hangers would slip from the bars and allow the spring-supporting frame to fall.

The spring-bottom may be readily removed when the cot is to be folded on disengaging the hooks I from the side bars, A. When the spring-bottom is in place, the springs may be strung to the fabric bottom in any well-known or convenient manner to assist in holding the springs upright.

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

1. The combination, with the metallic cross-strips E, formed with integral hangers H, having outward and downward bent integral hooks I at their upper ends, of the longitudinal strips F, crossing the strips E and riveted thereto at their points of intersection, and the spiral springs secured at said points of intersection, whereby when said spring-supporting frame is in place on a cot the side bars thereof will be braced against outward movement, substantially as set forth.

2. The combination, with the frame A, of the cross-strips E, bent upward at their ends to form integral hangers H, then outward and downward to form hooks I, overlapping the side bars of the frame, and suspending the said strips within the frame, and bracing the side bars thereof against outward movement, the longitudinal strips F, crossing the strips E and riveted thereto at their points of intersection, the springs G, secured at said points of crossing, and the fabric bottom extending across the frame over the springs, substantially as set forth.

ANTHONY HUBER.

Witnesses:

CLARENCE L. BURGER,
C. SEDGWICK.