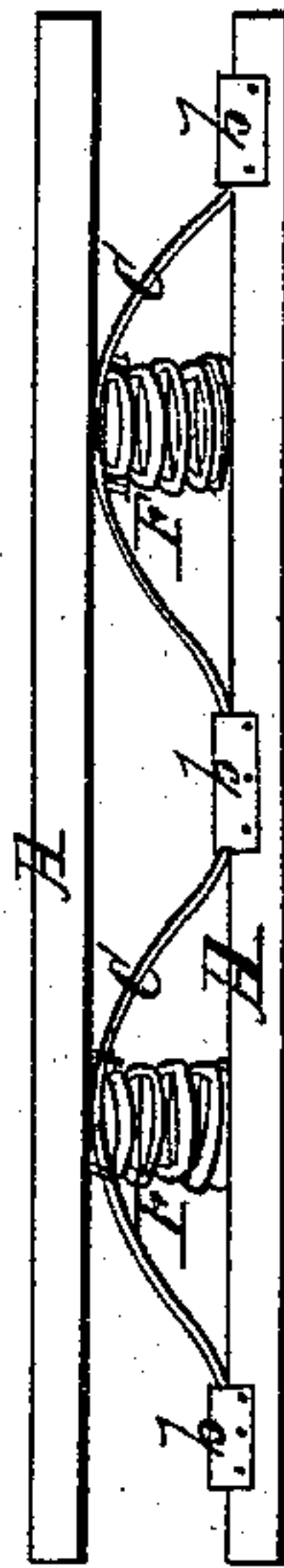
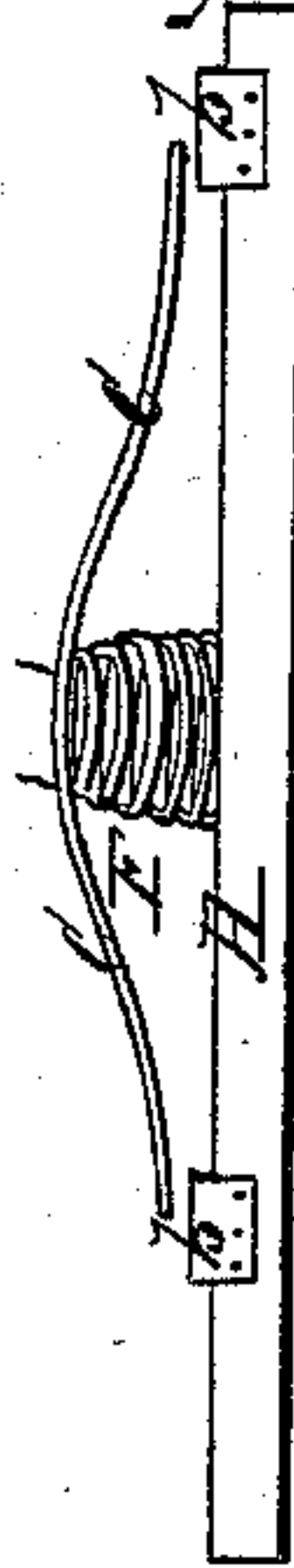
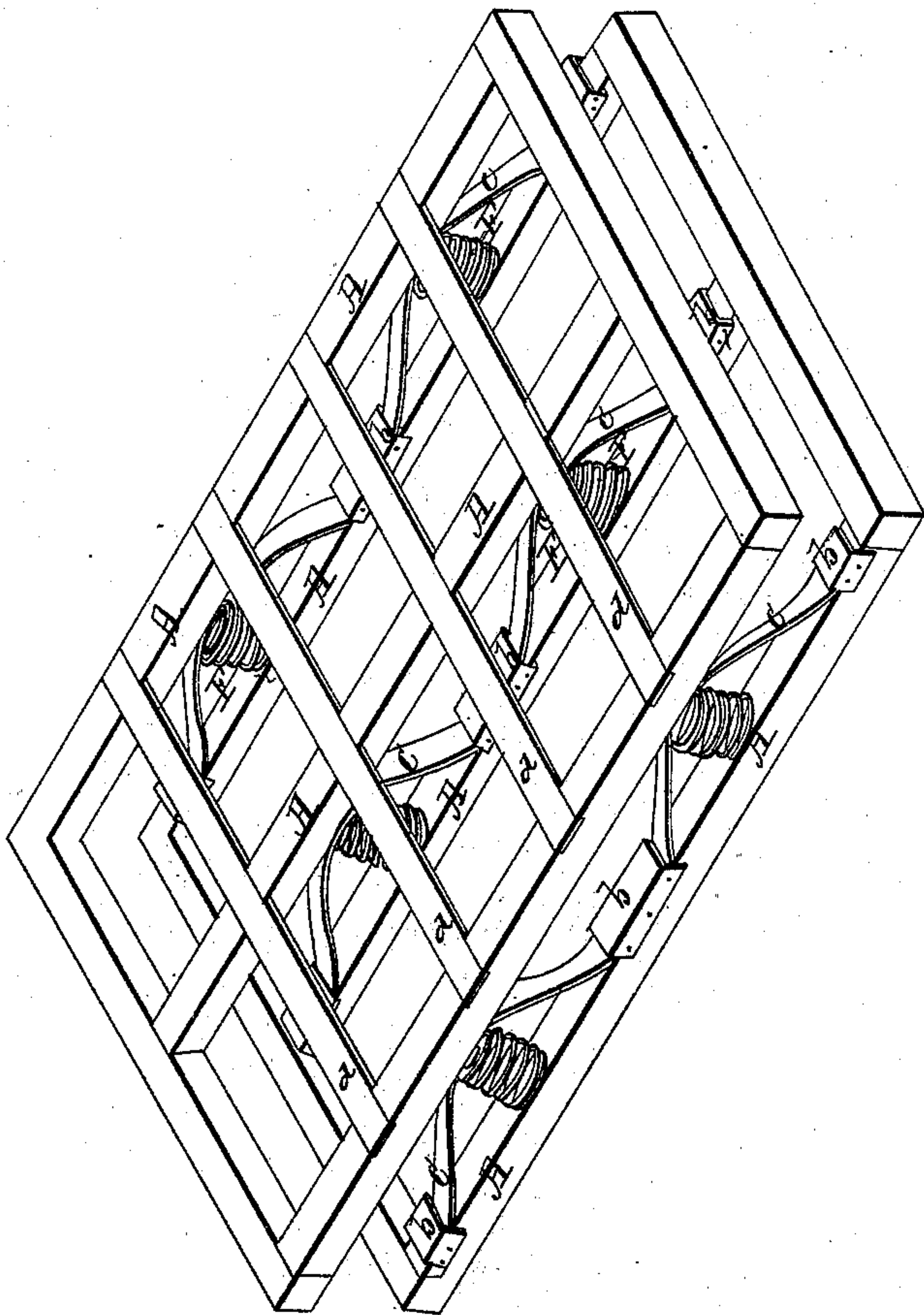


J. G. Smith,

Bed Bottom,

N^o 57,003.

Patented Aug. 7, 1866.



Witnesses,
Charles H. Davis
M. A. Thomas

Inventor
Jerome G. Smith

UNITED STATES PATENT OFFICE.

J. G. SMITH, OF BATTLE CREEK, MICHIGAN.

IMPROVED BED-BOTTOM.

Specification forming part of Letters Patent No. 57,003, dated August 7, 1866.

To all whom it may concern:

Be it known that I, JEROME G. SMITH, of Battle Creek, in the county of Calhoun and State of Michigan, have invented a new and useful Improvement in Bed-Bottoms; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a perspective view. Fig. 2 is a side elevation. Fig. 3 is a part of the lower section provided with its loops, spiral and elliptic springs.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

The two sections A A, Fig. 1, constitute a frame-work composed of three long pieces of timber in each section, lying parallel and secured at each end by ties, the whole frame being sufficiently long and of suitable dimensions to rest on the inside of the bedstead-rails. The lower section, being thus constructed, is provided with three metallic loops or clasps, *b b b*, secured by means of screws or otherwise, one loop at each end, and one in the center of each long piece of timber of the lower section, leaving a space between the upper side of the timber and the clasp sufficient to receive the point of an elliptic spring, *c c*, and also being a guide therefore in its operations.

The upper section being constructed of a frame-work similar to the lower section, is provided with transverse slats *d d d*, to support the mattress, cushion, or bed. This section is also provided with two elliptic springs, *c c*, secured at the center to each of the longitudinal pieces that form a part of the upper section. The points of these springs from the center are curved down, so as to leave a space sufficient for the operation of the springs when attached by placing the points of the springs *c c* under the loops or clasps *b b b*, as seen in Figs. 1 and 2. It being thus arranged, a spiral spring, F F, is set equidistant between each loop on the lower section in a vertical position, while the top of the spring supports the upper section at a point in the center of the elliptic spring, as fully shown in Fig. 3 of the drawings.

I do not claim an elliptic spring; neither do I claim a spiral spring; but

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

The loops or clasps with the elliptic and spiral spring, in combination with the bed-bottom, substantially as and for the purpose set forth.

JEROME G. SMITH.

Witnesses:

CHARLES H. DAVIS,
M. A. THOMAS.