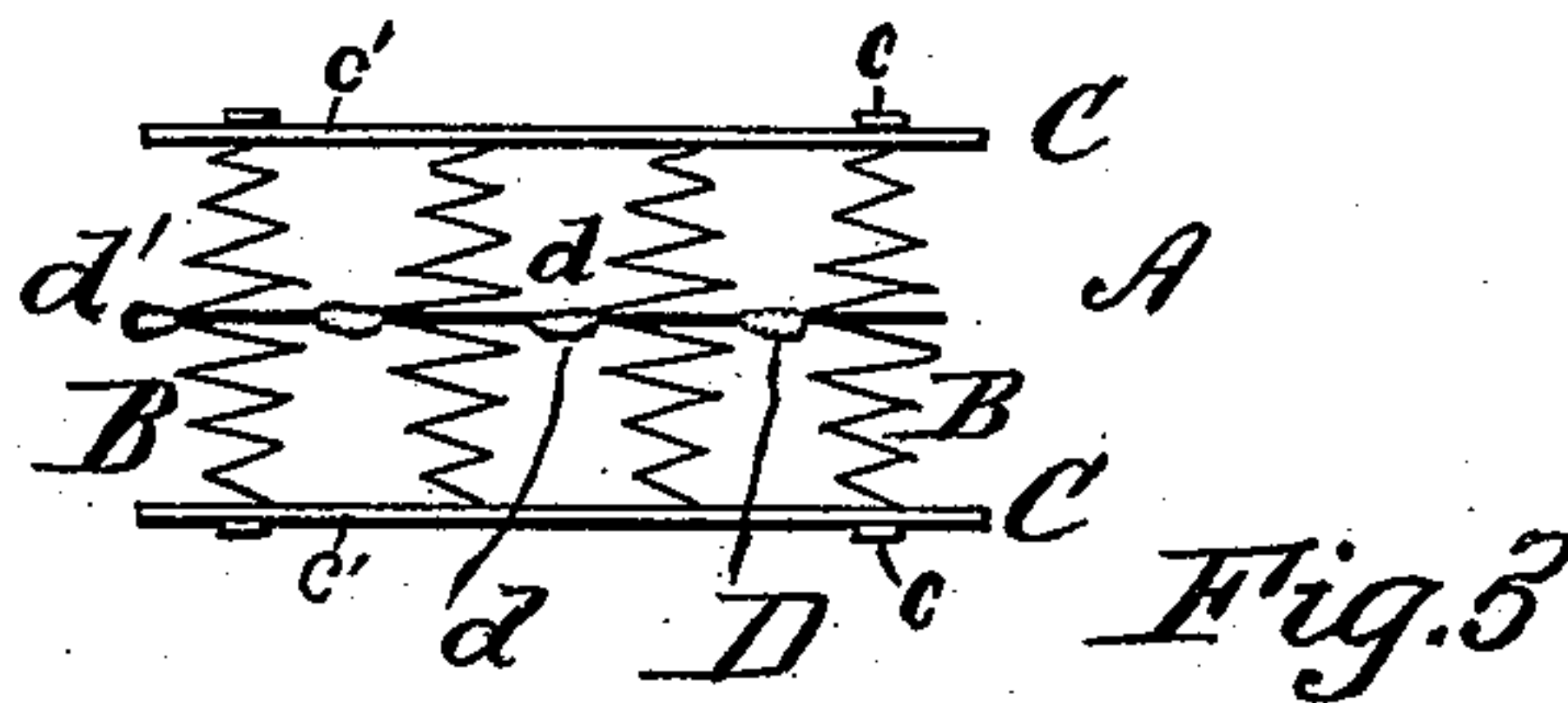
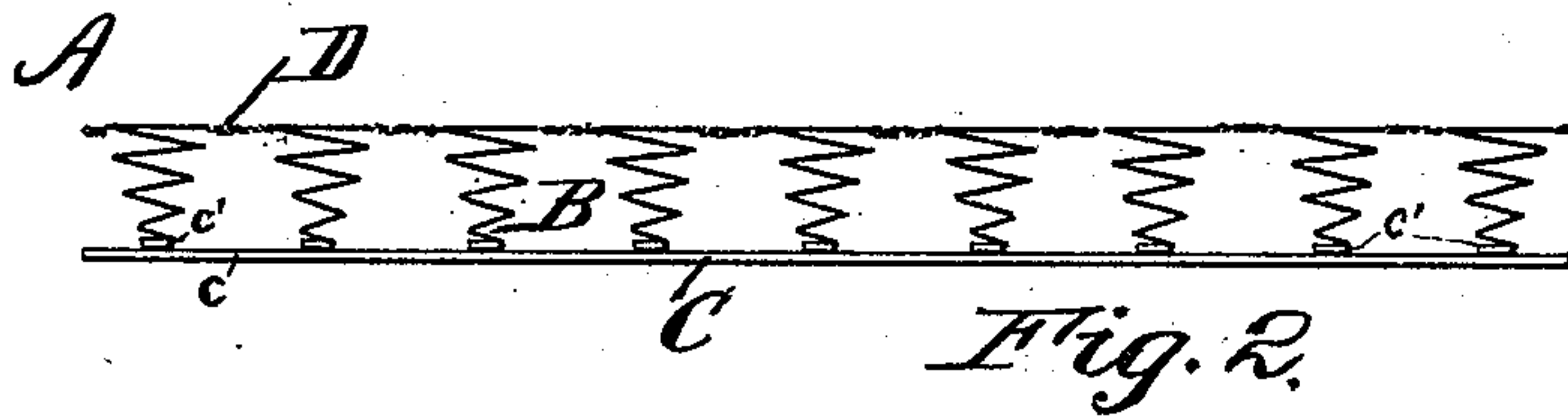
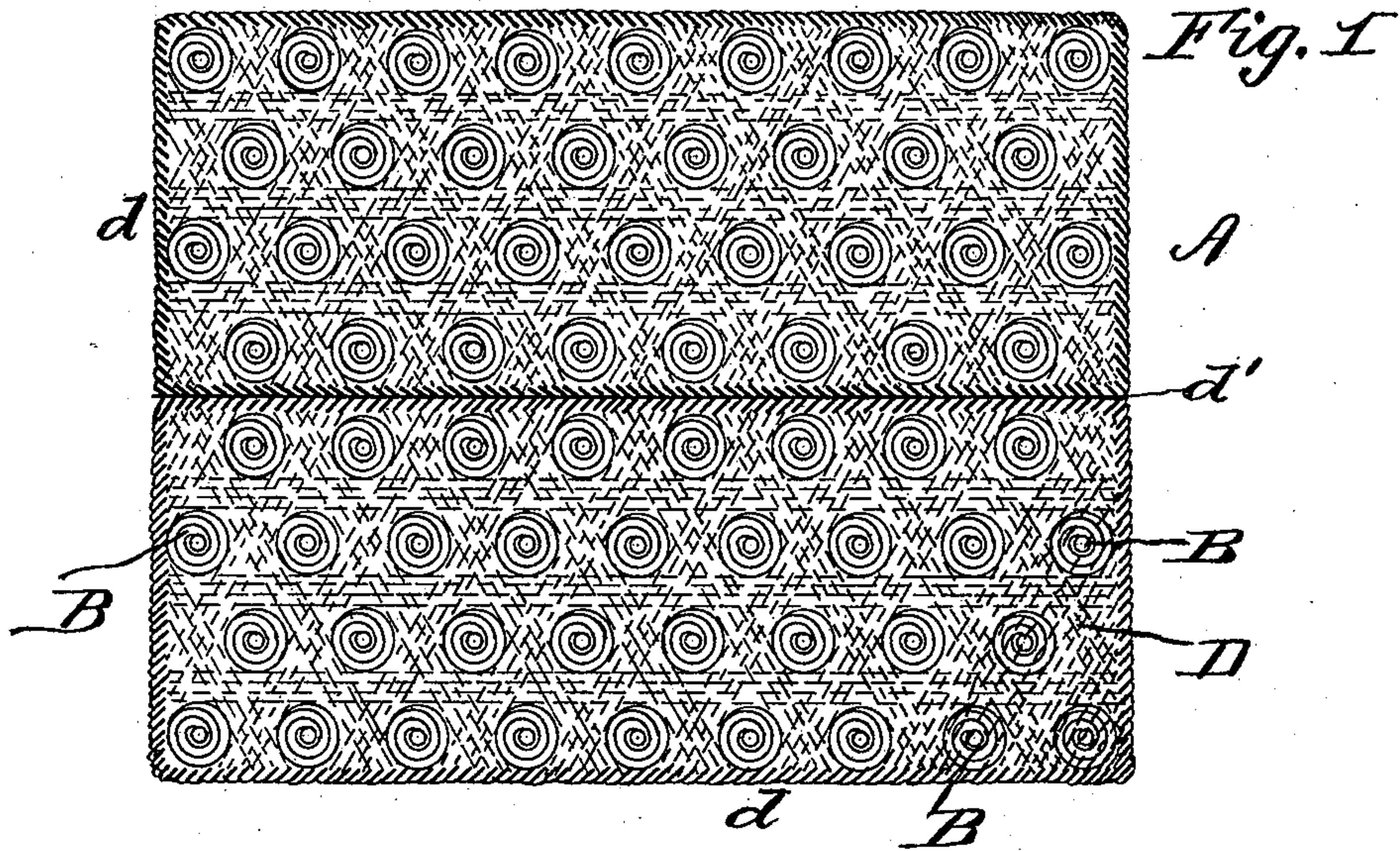


(No Model.)

G. KEENHOLTS.
SPRING BED BOTTOM.

No. 447,133.

Patented Feb. 24, 1891.



WITNESSES:

Wm H Van Horn
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GEORGE KEENHOLTS, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO
ALIDA KEENHOLTS, OF SAME PLACE.

SPRING BED-BOTTOM.

SPECIFICATION forming part of Letters Patent No. 447,133, dated February 24, 1891.

Application filed March 15, 1888. Serial No. 267,207. (No model.)

To all whom it may concern:

Be it known that I, GEORGE KEENHOLTS, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Spring Bed-Bottoms, of which the following is a specification.

My invention has relation to spring bed-bottoms of the form having the springs connected at their upper coils by a coiled wire weaving, lacing, or other similar wire-cloth, so that the upper coils of the springs are flush with the weaving or cloth connecting the same; and it has for its object simplicity and economy of construction of the bed-bottom as to be susceptible of folding into compact form for storage, transportation, and other purposes.

My invention accordingly consists of the combination, construction, and arrangement of parts, as hereinafter described in the specification, and pointed out in the claims, reference being had to the accompanying drawings, wherein—

Figure 1 represents a plan of a spring bed-bottom having a metal wire cloth or webbing interwoven among the top coils of the springs to connect them together and arranged to fold longitudinally in accordance with my invention; Fig. 2, a side elevation of the same; and Fig. 3, an end view of the same, showing the bed-bottom folded.

A indicates the bed-bottom, composed of parallel rows of single or other cone-shaped spiral springs B, the bottoms of which are secured to a metallic base C. Said base consists of the longitudinal metallic straps or slats *c* and the cross straps or slats *c'*, and if it is desired to make the bed-bottom in two sections the cross-slats *c'* are divided so as to fold into the position shown in Fig. 3.

D indicates the top surface of the bed-bottom, and it is composed, preferably, of a webbing or weaving of wire, which is interlaced or woven with the top coils of the springs to connect them together in any suitable manner, forming an even elastic receptacle for the springs.

The webbing, lacing, or wire-cloth D may

be composed of two longitudinal surfaces or sections *d d*, joined or hinged together by interweaving or otherwise connecting the contacting sides *d'* of these sections, so as to admit of folding the sections together, as shown in Fig. 3. The coiled wires composing the lacing, webbing, or cloth may run transversely, longitudinally, and diagonally of the bed-bottom and suitably connect with the top coils of the springs as the weaving, lacing, or cloth is made, so that the top coils of the springs are within and covered by the lacing or weaving for supporting the mattress—that is to say, the coiled wires are interlaced with the top coils of the springs so as to cover said coils or springs, so that the mattress rests upon the interlaced wire fabric and not upon the springs B, the mandrel-openings of which may be open or covered by said wires, as shown in Fig. 1.

The webbing or lacing D may be in sections, as shown, or otherwise, as desired, to admit of the folding of the bed-bottom, as described.

I wish it understood that I do not herein claim a spring bed-bottom consisting of a flexible metallic base, spiral springs thereon, and a woven-wire top portion, as herein indicated, but which is adapted to be rolled instead of folded, as such forms the subject-matter of a separate application filed December 30, 1890, as a division of this application and numbered in serial 376,260.

What I claim is—

A spring bed-bottom having a base composed of two sets of longitudinal slats, the slats of each set being united by transverse slats, springs B, secured upon said base-slats, the top of each section composed of parallel courses of wires interlaced with each other and with the top coils of the springs, and the adjacent wires of each section interlaced with each other to form a hinge connection between the sections, substantially as described.

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

GEORGE KEENHOLTS.

Witnesses:

CHAS. F. VAN HORN,
S. J. VAN STAVOREN.