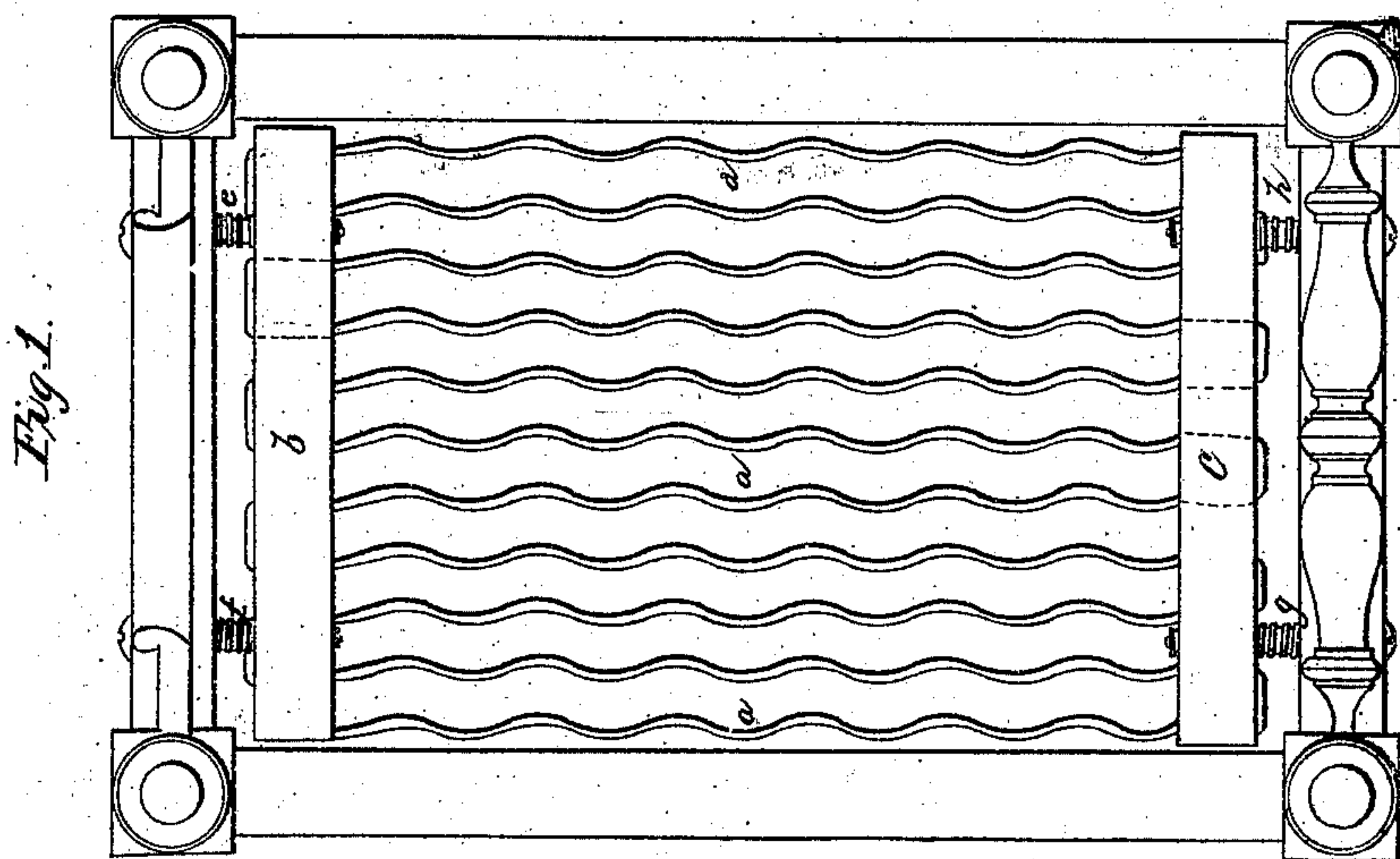
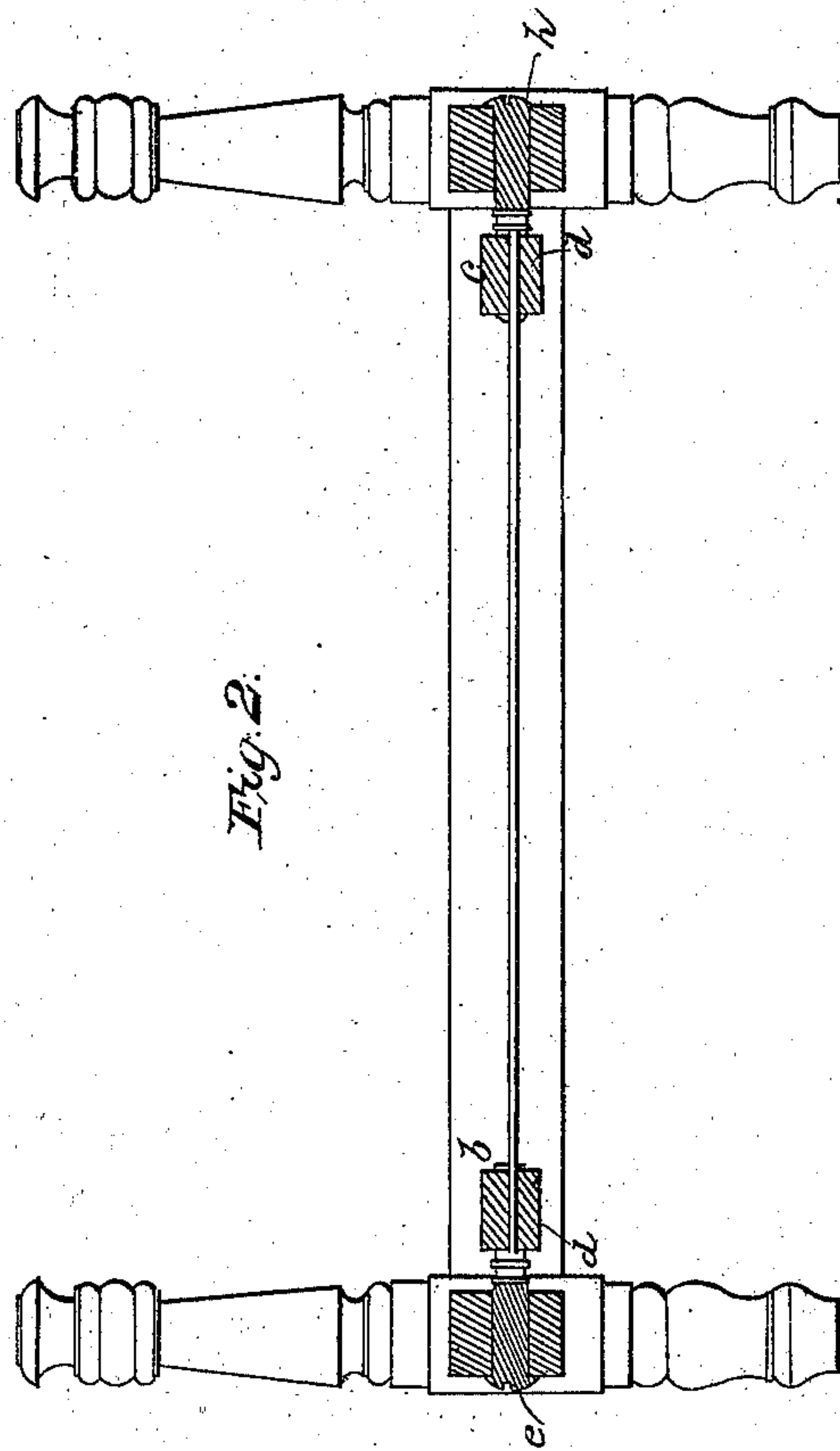


W. H. Meriwether

Bed Bottom.

N^o 11,484.

Patented Aug. 8, 1854.



UNITED STATES PATENT OFFICE.

WM. H. MERIWETHER, OF NEW BRAUNFELS, TEXAS.

SPRING BED-BOTTOM.

Specification of Letters Patent No. 11,484, dated August 8, 1854.

To all whom it may concern:

Be it known that I, WILLIAM HUNTER MERIWETHER, of New Braunfels, in the county of Comal and State of Texas, have
5 invented an Improvement in the Construction of Spring-Bottoms of Bedsteads, &c., and that the following is a full, clear, and exact description of the principle or character which distinguishes it from all other
10 things before known and of the usual manner of making, modifying, and using the same, reference being had to the accompanying drawings, of which—

Figure 1 is a top view of the spring bottom, and Fig. 2 a side elevation of the bedstead exhibiting a section of the head and
15 foot blocks and wire.

My mode of constructing the spring bottom is as follows: I take steel, iron or other
20 wire of a size suited to the size of the bedstead, sofa, chair or seat to be used and by means of peculiar machinery, for which I intend to apply for separate Letters Patent, I crimp the wire so as to present the zig zag
25 appearance shown at *a a* Fig. 1. The wire thus crimped is found to have considerable spring, whether it be stretched from one end, the other being fixed, or by lateral pressure upon it when the two ends are fixed. In this
30 state it is stretched back and forth between

the head and foot blocks *b, c*, by passing through suitable apertures or mortises in the same as seen at *d d* in the drawings, and fastened at both ends in any convenient
manner. The foot and head blocks are
35 then secured to the bedstead frame by the adjusting screws *e, f, g, h*, and drawn up to any degree of tension desired. The spring bottom thus completed is very simple, cheap,
40 elastic, easily adjusted and free from insects. The zig zag wire is found to spring sufficiently to make a very easy and comfortable support for a mattress or cushion, and is applicable to seats and beds of every
45 description, and as it can be manufactured and applied with so much ease it must make a valuable substitute for spiral and other springs in such cases; after use for some
time the zig zag wire will stretch a little, when it may be brought up by the set screws
50 to its proper tension.

What I claim as my invention and improvement in bedsteads etc., is the spring bottom-construction of zig-zag wire arranged and constructed in the manner and
55 for the purposes set forth.

WILLIAM HUNTER MERIWETHER.

Witnesses:

T. CAMPBELL,
M. C. GRITZNER.