

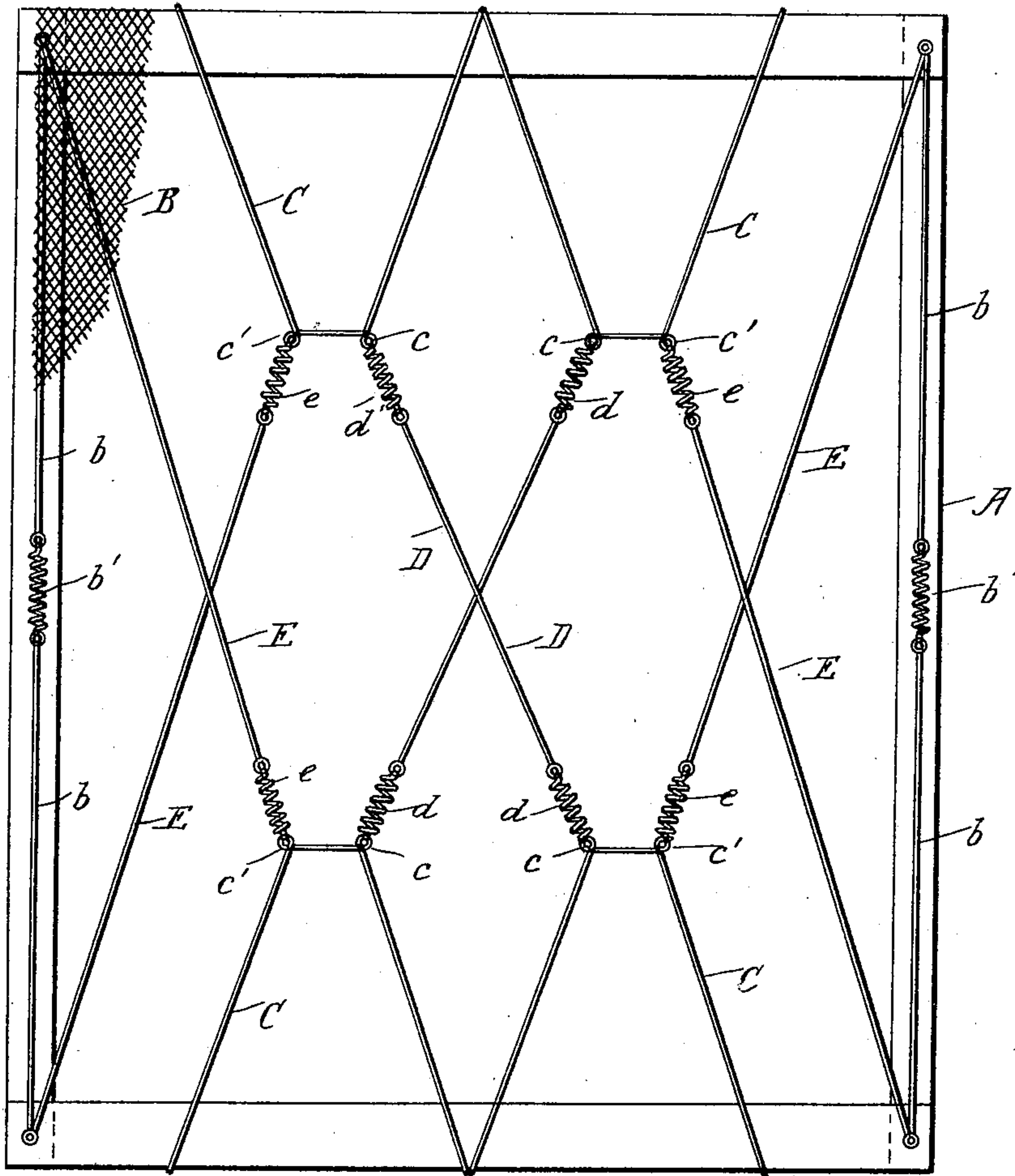
No. 607,102.

Patented July 12, 1898.

J. O. WESNER.  
BED BOTTOM.

(Application filed Nov. 30, 1897.)

(No Model.)



WITNESSES  
*S. H. H. H. H.*  
*R. R. Johnson*

INVENTOR  
*John O. Wesner.*  
by *Herbert W. D. Jenner.*  
Attorney

# UNITED STATES PATENT OFFICE.

JOHN OLIVER WESNER, OF CAMERON, SOUTH CAROLINA.

## BED-BOTTOM.

SPECIFICATION forming part of Letters Patent No. 607,102, dated July 12, 1898.

Application filed November 30, 1897. Serial No. 660,258. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN OLIVER WESNER, a citizen of the United States, residing at Cameron, in the county of Orangeburg and State of South Carolina, have invented certain new and useful Improvements in Bed-Bottoms; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to bed-bottoms; and it consists in the novel construction and combination of the parts hereinafter fully described and claimed.

The drawing shows a plan view of the bed-bottom with the woven-wire fabric partially removed.

A is the frame of the bed-bottom.

B is a portion of a woven-wire fabric or other equivalent yieldable fabric which is of any approved construction and which is secured to the frame A in any approved manner. In order to strengthen the edges of the woven-wire fabric, two strong wires *b* are inserted through the end links at each side or are otherwise connected to the edge of the woven-wire fabric. The outer ends of the two wires are secured to the frame A and their inner ends are connected together by a spring *b'*. The middle portions of the woven-wire fabric are strengthened by means of wedge-shaped loops or stirrups C of wire, having eyes *c c'* arranged at a little distance apart at their apices. The free ends of the loops C are secured to the frame A. The diagonally opposite adjacent and inner eyes *c* are connected together by means of crossed wires D and springs *d*, and the outer eyes *c'* are connected to the frame A by means of crossed wires E and springs *e*.

Four loops C are shown in the drawing, but when the frame is wide more than four loops can be used.

All the wires and springs are preferably of steel, and the yieldable woven-wire fabric or its equivalent in the construction in the bed-bottom rests on the loops, springs, and wires and is by them prevented from sagging.

The crossed wires D have each two springs *d*, as they have to support the central part of the fabric where the strain is greatest. The crossed wires E have only one spring each.

What I claim is—

1. In a bed-bottom, the combination, with a frame, of loops secured to the frame, diagonally-arranged and crossed wires D operatively connected with the inner top portions of the said loops, and crossed wires E operatively connected with the frame at the sides thereof and with the outer top portions of the said loops, substantially as set forth.

2. In a bed-bottom, the combination, with a frame, of loops connected with the frame, crossed wires E operatively connected with the frame at the side thereof and with the top portions of the said loops, means for preventing the said loops from being distorted by the side pull of said wires, and springs relieving the said loops and their connections from excessive tension, substantially as set forth.

3. In a bed-bottom, the combination, with a frame, of wedge-shaped loops secured to the said frame, crossed wires D, springs connecting the ends of the wires D with the apices of the said loops, crossed wires E secured at one end to the said frame at the sides thereof, and springs connecting the free ends of the wires E with the apices of the said loops, substantially as set forth.

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

JOHN OLIVER WESNER.

Witnesses:

T. S. HARJLER,  
H. L. TAYLOR.