

A. P. BROWN.
Spring Bed-Bottom.

No. 163,356.

Patented May 18, 1875.

Fig. 1

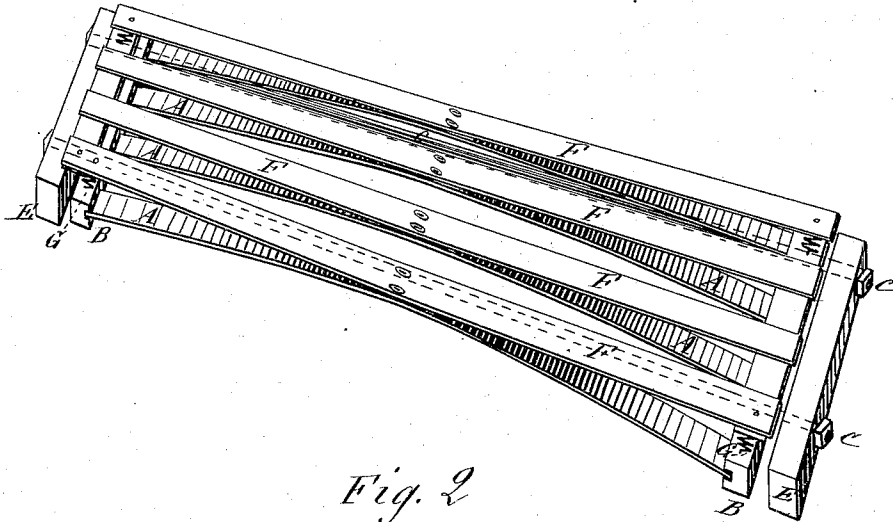
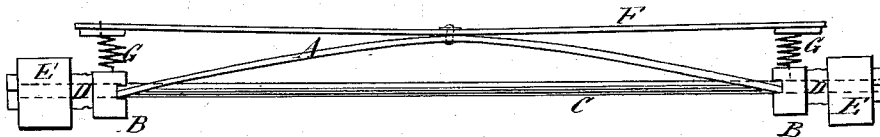


Fig. 2



WITNESSES:

C. Neveux
A. H. Terry

INVENTOR:

A. P. Brown
BY *Munnell*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

ALVA P. BROWN, OF TEXAS, OHIO.

IMPROVEMENT IN SPRING BED-BOTTOMS.

Specification forming part of Letters Patent No. **163,356**, dated May 18, 1875; application filed March 29, 1875.

To all whom it may concern:

Be it known that I, ALVA P. BROWN, of Texas, Henry county, Ohio, have invented a new and Improved Spring Bed-Bottom, of which the following is a specification:

My invention consists of arched slats resting at the ends on cross-bars, which yield to the end pressure of the slats by means of rubber springs, and over the arched slats are horizontal slats fastened to them at the middle, and resting at the ends on cross-bars supported by coiled springs on the movable rests of the arched slats, all so as to make easy and durable springs.

Figure 1 is a perspective view of my improved bed-spring, and Fig. 2 is a side elevation.

Similar letters of reference indicate corresponding parts.

A represents the arched slats, which are supported at the ends on the cross-bars B on tie-rods C, on which are rubber springs D, between said bars and the head-block E, to allow bars B to move back a little under the

end pressure of the slats, and to move them up when the pressure slacks, for increasing the range and sensitiveness of the slats. F represents the upper horizontal slats, which are fastened to the arched slats A at the crown of the arch and rest at the ends on coiled springs G, which are supported on the rests B of the arched slats. These upper slats support the mattress, while the springs A, D, and G give the elasticity required, making a very easy and sensitive bed.

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

1. The combination of arched slats A, rests B, springs D, tie-rods C, and the head-blocks E, substantially as specified.

2. The combination of slats F and springs G with the arched slats A and movable rests B, substantially as specified.

ALVA P. BROWN.

Witnesses:

I. E. PHIPPS,
S. J. BOWKER.