

*J. S. Smith,
Bed Bottom,*

No. 31,264,

Patented Jan. 29, 1861.

Fig. 1

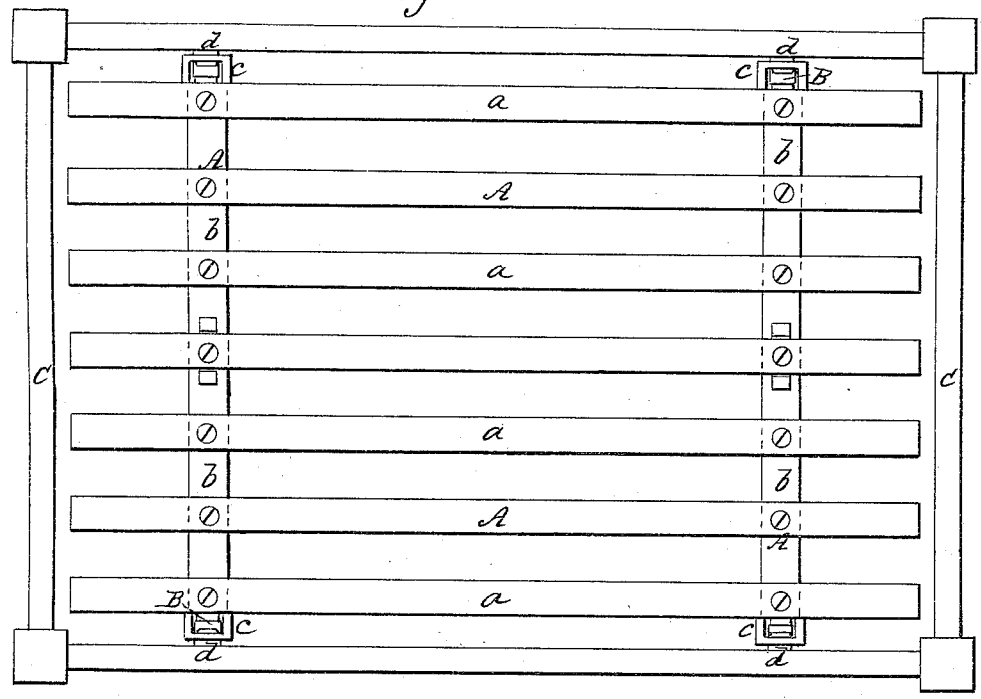


Fig. 2

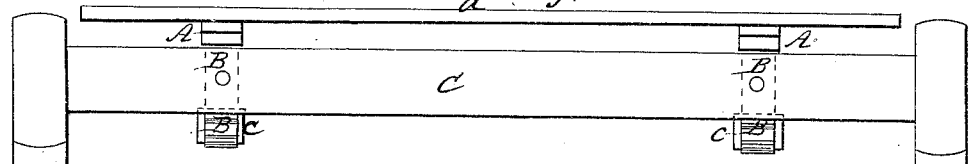
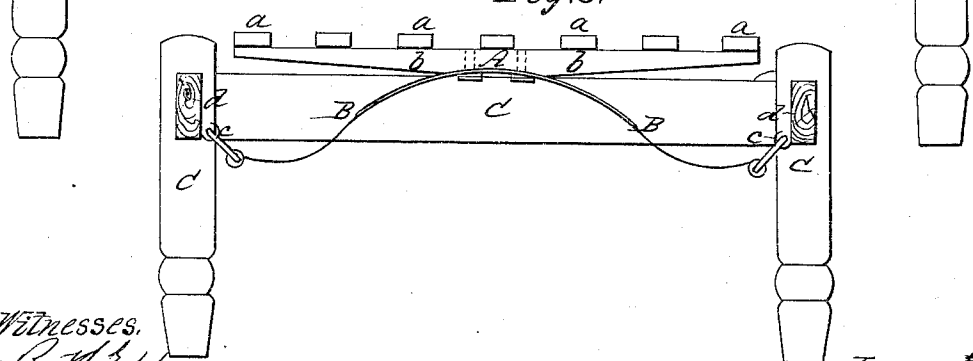


Fig. 3



*Witnesses,
R. H. Eddy
F. D. Hale Jr*

*Inventor
Justus S. Smith*

UNITED STATES PATENT OFFICE.

JUSTUS S. SMITH, OF LOWELL, MASSACHUSETTS.

BED-BOTTOM.

Specification of Letters Patent No. 31,264, dated January 29, 1861.

To all whom it may concern:

Be it known that I, JUSTUS S. SMITH, of Lowell, in the county of Middlesex and State of Massachusetts, have invented an Improved Spring Bed-Bottom; and I do hereby declare the same to be fully described in the following specification and illustrated in the accompanying drawings, of which—

Figure 1, is a top view; Fig. 2, a side elevation, and Fig. 3, an end view of it.

In carrying out my invention, I make a frame, A, composed of a series of thin wooden bars or slats, *a, a, a, a*, etc., and two connecting bars, *b, b*. The bars, *a, a, a, aa*, &c., I arrange parallel to each other and on the two bars, *b, b*, these latter being disposed parallel to one another, and with respect to the bars, *a, a, a*, or their extremities in manner as shown in the drawings. Each bar, *a*, where it crosses the two bars, *b, b*, should be fastened to them either by screws or other proper means.

To the lower side of each of the supporting bars, *b, b*, I fasten the middle part of one of two semielliptic or bow springs, B, B. Each of the said springs, at its two ends is furnished with suspension hangers or loops, *c, c*, by which it may be connected with a bedstead, C, by means of two hooks *d, d*, fastened to the inner sides of the rails of the bedstead as shown in the drawings. A spring bed foundation so made is simple of construction and will operate to excellent advantage, and can easily be either applied to or removed from the bedstead.

I claim—

My improved manufacture of spring bed foundation or arrangement of slats, bow springs and hangers as specified.

JUSTUS S. SMITH.

Witnesses:

R. H. EDDY,
F. P. HALE, Jr.