

A. B. Stroup,
Bed-Cord Tightener,
N^o 27,844. *Patented Apr. 10, 1860.*

Fig. 2.

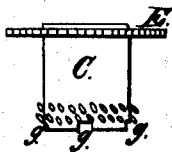


Fig. 3.



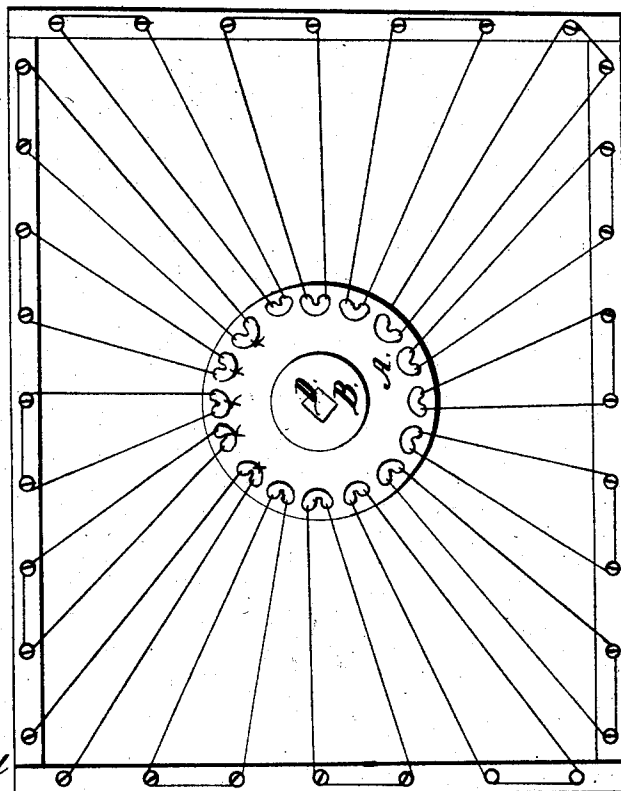
Fig. 4.



Fig. 5.



Fig. 1.



Witnesses:

L. Howland

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Inventor:

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UNITED STATES PATENT OFFICE.

ABSOLUM B. STROUP, OF WALDRON, INDIANA.

BED-CORD TIGHTENER.

Specification of Letters Patent No. 27,844, dated April 10, 1860.

To all whom it may concern:

Be it known that I, ABSOLUM B. STROUP, of Waldron, in the county of Shelby and State of Indiana, have invented certain new and useful Improvements in Bed-Cord Tighteners, which I have described in the following specification and illustrated in the accompanying drawings with sufficient clearness to enable others of competent skill to make and use my invention.

My invention consists in the arrangements and combination of parts hereinafter described, by which I am enabled to cord any ordinary bedstead with great facility and draw the cord as tight as may be desired as herein more fully set forth.

In the accompanying drawings, Figure 1, is a top view showing the principal parts and to some extent the nature of my invention. Fig. 2 is a vertical section showing near the top a ratchet wheel near the bottom hooks, placed so as to make the rows around zigzag. Fig. 3 is a spring that catches in the ratchet wheel. Fig. 4 is a plate inserted inside of a tube or flange with a square hole for a wrench to operate in.

In the center of Fig. 1, is plate A, with any required number of holes as marked X, to agree with the number of pins in the bedstead, the holes marked X, are made long and extending nearer the outer edge of plate A at each end than in the center, so that the cord may be separated where it passes over plate A, and thus preventing the fibers being caught under other cords while being tightened. Plate B, is inserted in the lower end of tube C, so that a wrench may fit in square holes D, and thus turn tube C, and that operates the ratchet wheel E, and tightens the cord.

At Fig. 2 is seen tube C, extending through ratchet wheel E, just equal to the thickness of plate A, tube C, may extend any desired distance downward so as to give room for the cord to wind upon it. The lit-

tle dots at or near the lower end of tube C, represent the ends of hooks F, as shown at Fig. 5, there being any required number to agree with any number of holes that may be in plate A, one hook for each hole. There are four notches in the lower end of the tube C, marked *g, g, g, g*. These are for the purpose of turning tube C, in the absence of a wrench. Spring H is firmly fastened (by the large end) to the under side of plate A, so that the pointed end may operate on ratchet wheel, E, and hold it firm when turned.

Having thus fully described my invention, I shall now describe the manner of its operation. Having an ordinary bedstead with pins for the cord as represented at Fig. 1 I tie one end of the cord to one of the pins then pass the cord double through one of the holes in plate A, and place it then over hook F, then after passing the cord around two pins in the bed rail, pass the cord double through the next hole in plate A, the cord being hooked on and not drawn through from end to end each time it is placed over the pins.

Tube C, extends above ratchet wheel E so that ratchet wheel E is drawn tight up against plate A, and spring H, being fastened to plate A, catches ratchet wheel E, when I turn tube C by any wrench fitting square hole D or notches *g, g, g, g*, as shown at Figs. 2 and 4. Small dots at the lower end of tube C, are the hooks F, as represented at Fig. 5, over which the cord passes.

Having thus fully described my invention, and the manner of its operation I claim—

The combination and arrangement of the plates A, and B, tube C, wheel E, hooks F, spring H, substantially as and for the purpose specified.

A. B. STROUP.

Witnesses:

L. HOWLAND,
S. H. YOCUM.