

D. A. SCOTT.

Improvement in Bed-Bottoms.

No. 131,122.

Patented Sep. 3, 1872.

Fig. 1.

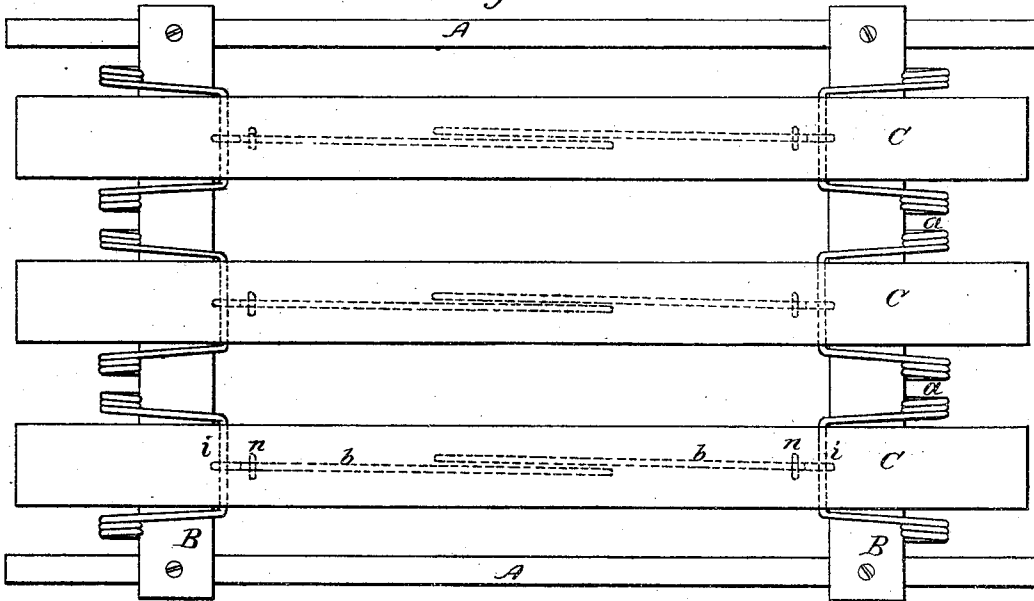


Fig. 2.

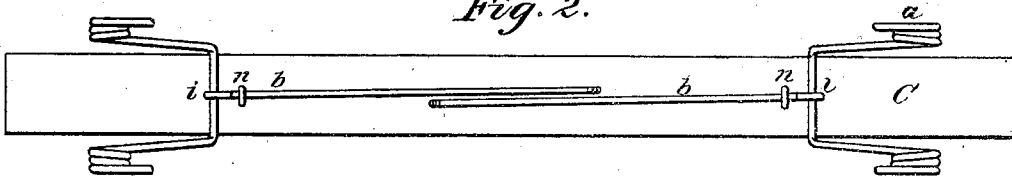
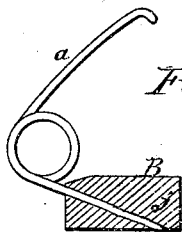


Fig. 3.



Witnesses.

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IMPROVEMENT IN BED-BOTTOMS.

Specification forming part of Letters Patent No. 131,122, dated September 3, 1872.

Specification describing a new and useful Improvement in Bed-Bottoms, invented by DAVID A. SCOTT, of Cincinnati, Ohio, consisting in the manner of attaching the springs and supporting the slats.

Figure 1 is a plan view. Fig. 2 is a sectional view with the slat reversed. Fig. 3 is an end view of the spring and bar.

A A are the side rails. B B are the bars. C C are the slats. *a a* are the springs. *j j* are the shanks. *b b* are the slat-supporters. *n n* are staples. *i i* are hooks. The rails, bars, and slats represent the usual features of a bed-bottom. The springs are the ordinary lifter-springs; but it will be seen that the bar B is beveled on the side next to the coil, and the shanks are inserted so as to pierce the bar diagonally from the upper to the lower side. The supports are made of steel wire, and are fastened to the under side of the slats. These supports are disconnected, each being independent of the other. Near the center of the slat the inner ends overlap and are riveted to the slat, while the outer ends extend to and hook over the bail or stirrup of the spring.

Heretofore wire or metal supports have been applied solely to strengthen the slat, and for that purpose have been permanently riveted

at each end. In my invention there are two supports, each one operating independently, and serving the double purpose of a support and a slat attachment. Each supporting-wire gives strength and elasticity to the slat, and can be applied with so much tension as to arch the slat. The strength that is thus imparted to the slat renders each one capable of supporting the weight of an ordinary person.

By this arrangement all the devices work in perfect harmony, the slats are held firmly in their places, the supports form the attachment to the spring and so bear upon the stirrup as to hold the angular shank firmly in its place.

Having thus described my invention, I claim—

1. The slat-support in two parts, riveted to the slat at the inner ends, with a hook at the outer ends, by which it is attached to the stirrup of the spring, as shown and described.

2. The lifter-spring, with its shank inserted diagonally in the bar, in combination with the slat attachment, as shown and described.

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Witnesses:

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