

F. R. SMITH.
Bed-Springs.

No. 138,589.

Patented May 6, 1873.

Fig. 1.

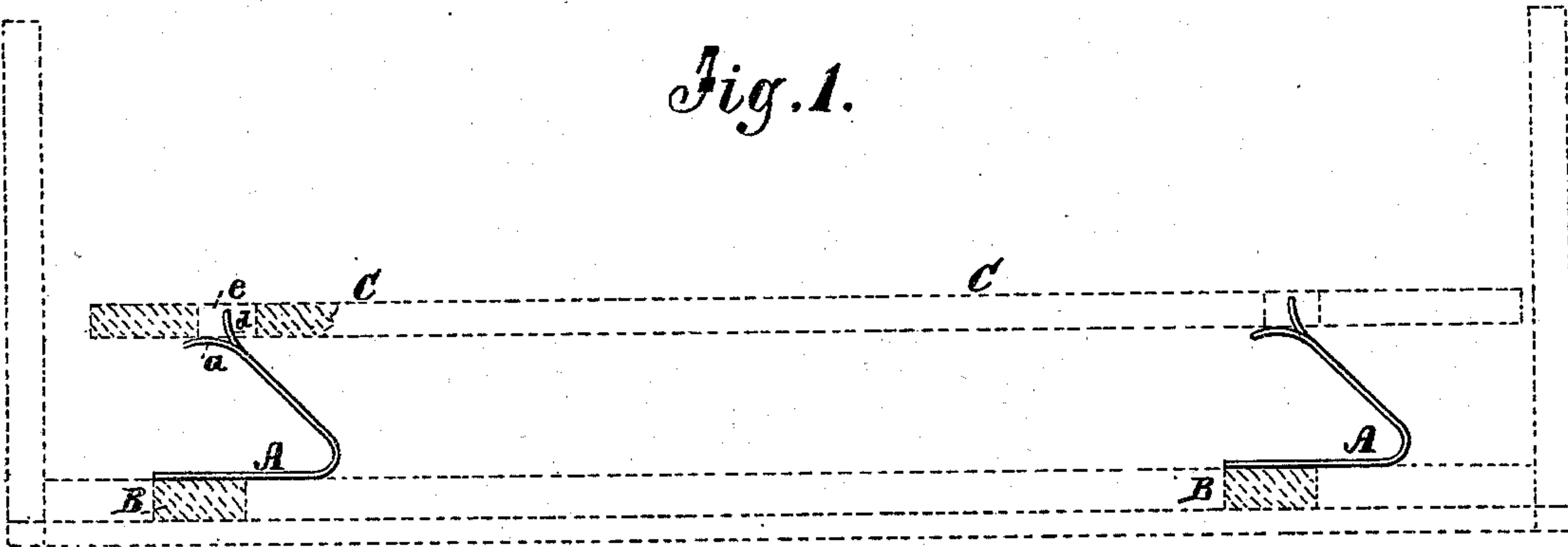


Fig. 2.

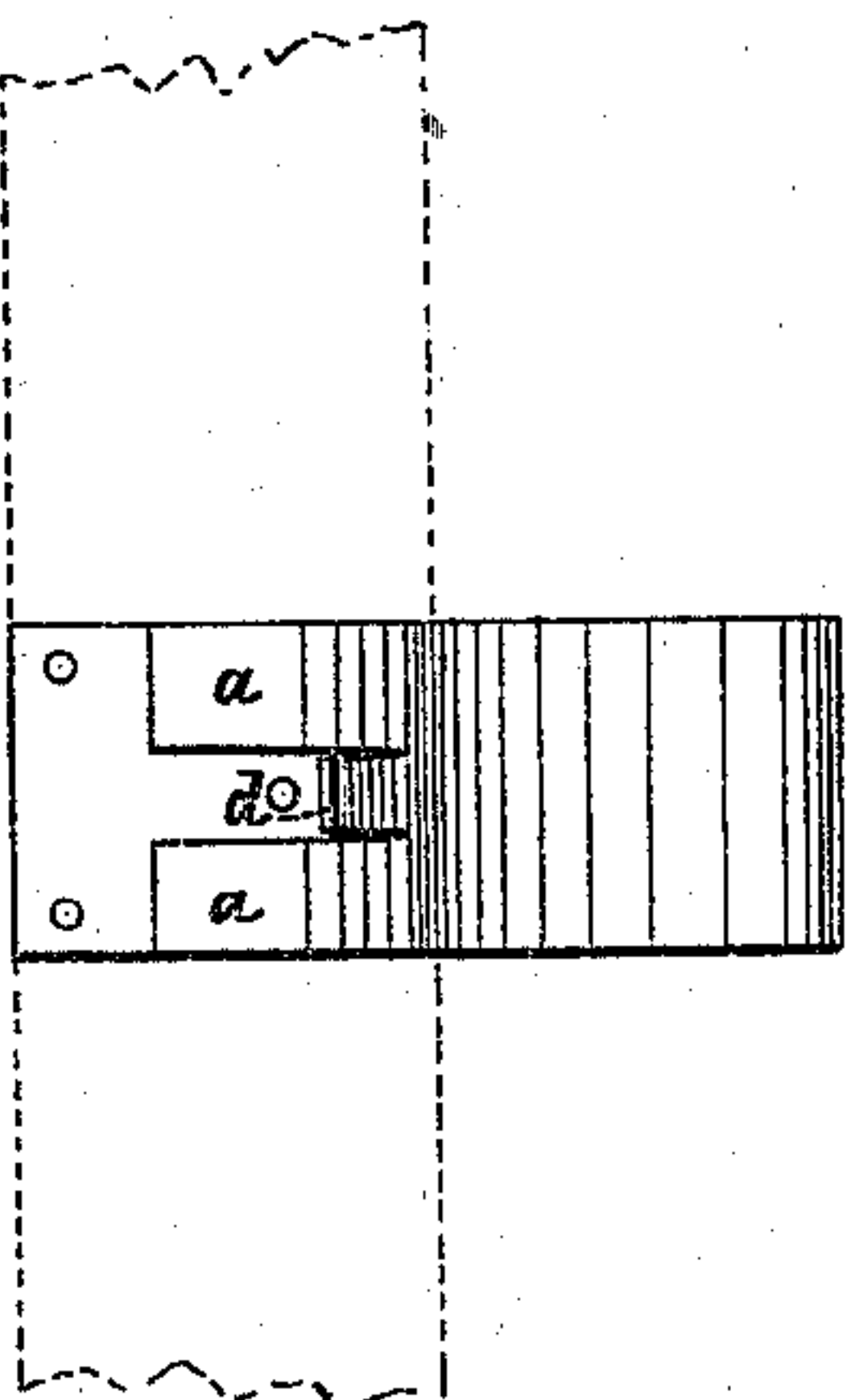


Fig. 3.

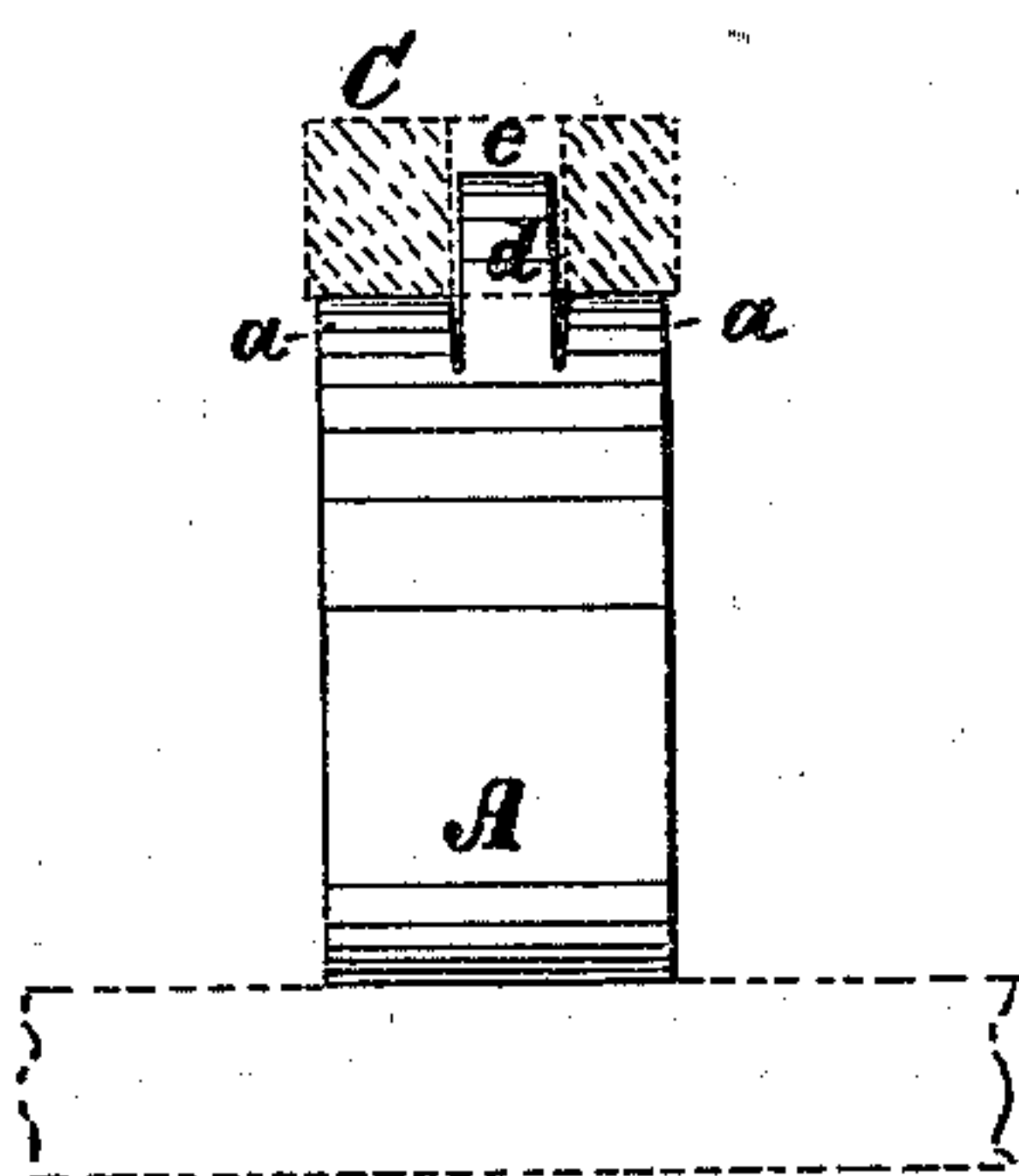
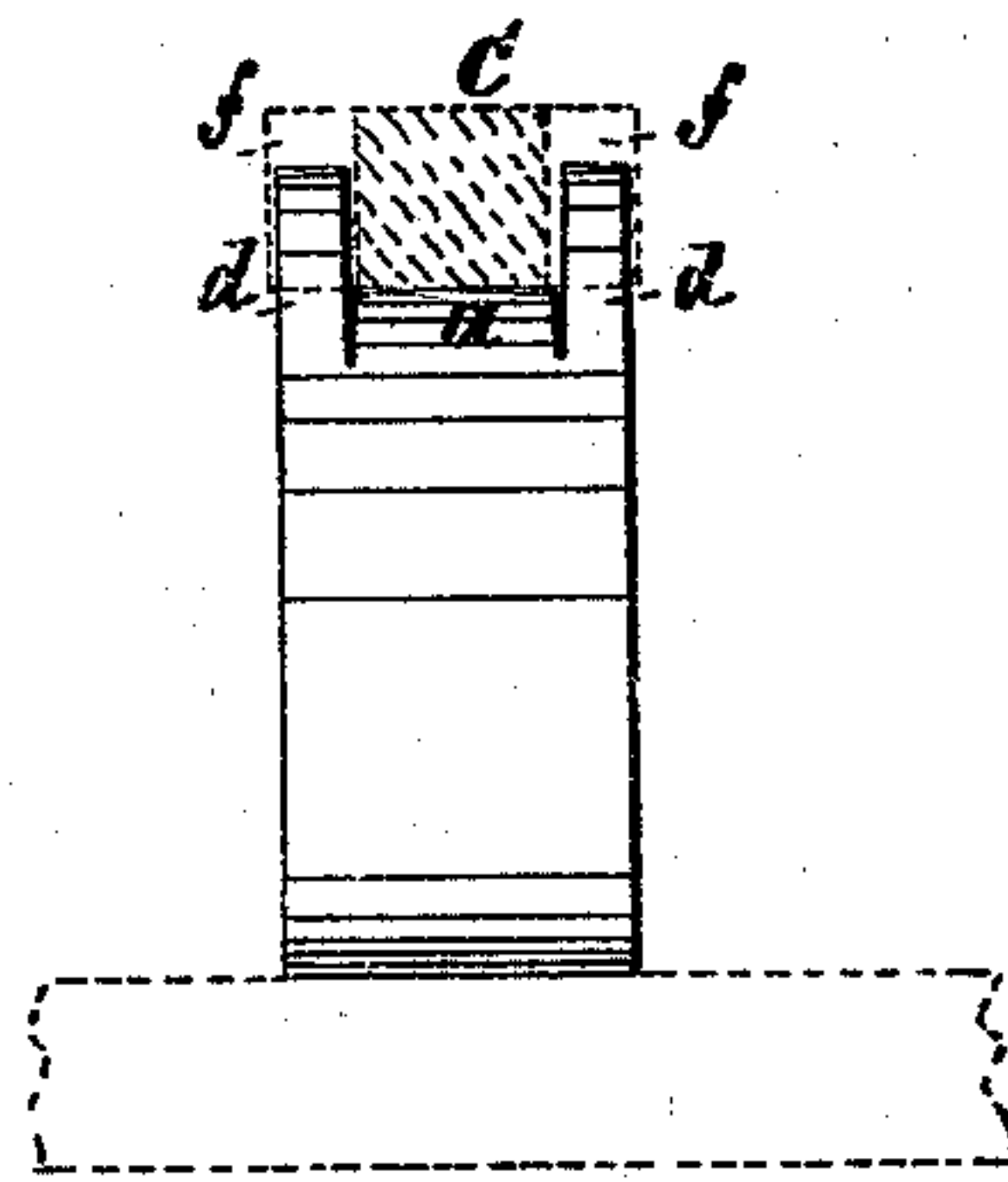


Fig. 4.



Witnesses:

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Inventor:

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UNITED STATES PATENT OFFICE.

F. ROLLIN SMITH, OF BENNINGTON, VERMONT.

IMPROVEMENT IN BED-SPRINGS.

Specification forming part of Letters Patent No. **138,589**, dated May 6, 1873; application filed March 29, 1873.

To all whom it may concern:

Be it known that I, F. ROLLIN SMITH, of Bennington, in the county of Bennington, in the State of Vermont, have invented a new and Improved Bed-Spring, of which the following is a specification:

My invention consists in constructing the ends of angular or V-shaped springs with a tongue or tongues for holding on the slats of a bed bottom, as hereinafter described.

Figure 1 is a side elevation of a pair of springs constructed according to my invention; it also shows part of a bed and one of the slats in dotted lines. Fig. 2 is a plan view of the spring. Fig. 3 is a front elevation, and Fig. 4 is a front elevation of a spring with a modified arrangement of the end on which the slat rests.

A represents the spring, which consists of a flat piece of steel bent into the form of two sides of a triangle, and fastened at one side

to the cross-bar B, so that the end of the other side will project upward suitably to support one end of a slat, C, as shown in the drawing. This upper end I propose to bend a little at *a* to form a rest for the slat, and split it either near the middle or near the sides, and bend up one or more tongues, *d*, to enter a mortise, *e*, in the middle or notches in the sides of the slat, and thus hold it on its seat.

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

As an improved article of manufacture, the spring A, having a seat, *a*, for the slat to rest on, and one or more tongues, *d*, for holding on the seat, all formed of the end of the spring, substantially as specified.

F. ROLLIN SMITH.

Witnesses:

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