C. H. PALMER.

Blind Slat Staples.

No. 139,516. Patented June 3, 1873.

Fig. 1

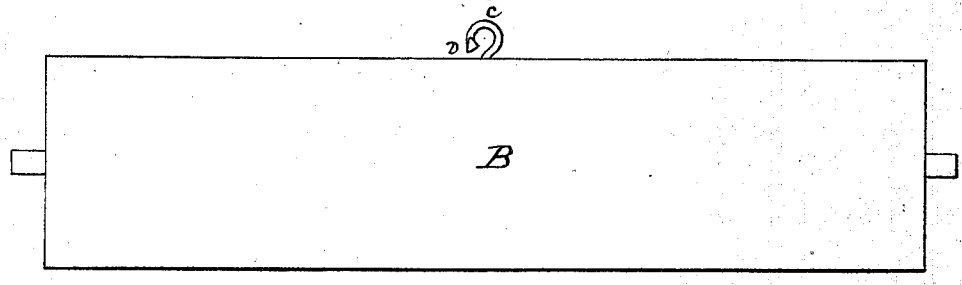
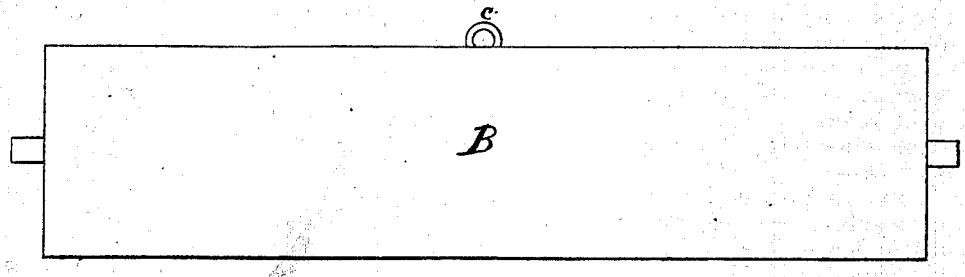


Fig. 2.



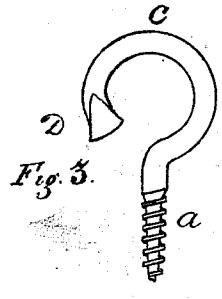


Fig. 3.

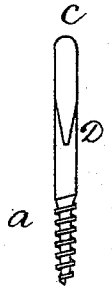


Fig. 4.

Witnesses.

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UNITED STATES PATENT OFFICE.

CHARLES H. PALMER, OF NEW YORK, N. Y.

IMPROVEMENT IN BLIND-SLAT STAPLES.

Specification forming part of Letters Patent No. **139,516**, dated June 3, 1873; application filed March 12, 1873.

To all whom it may concern:

Be it known that I, CHARLES H. PALMER, of the city, county, and State of New York, have invented a new and useful Improvement in Staples for the Slats of Blinds; and I do hereby declare that the following is a full, clear, and exact description and specification of the same, reference being had to the accompanying drawing making part of this description, in which—

Figure 1 is a side view of a blind-slat with one of my staples screwed in the center, ready to be driven down to insert the short prong. Fig. 2 is a side view of slat with staple driven down ready for use. Fig. 3 is a side view of the staple. Fig. 4 is an edge view of the same.

My invention relates to the eyes or staples used with the slats of a blind to unite the upright connecting-rod with the slat, and for combining all the slats together in the blind, for the purpose of opening and closing them; and to this end my invention consists in so constructing said staple that one prong may be inserted in the slat by screwing or driving, and the other prong, made much shorter and shaped to enter the wood by a blow, may prevent the staple from turning when thus bent and forced into the wood of the slat.

In order that persons skilled in the art may make and use my invention, I will proceed to describe it, referring to the drawing attached.

A is the long prong of the staple, made of a suitable metal, and corrugated or screw-threaded to cause it to take a firm hold of the wood of the slat B. *c* is the eye or bend of the staple, having a short prong, D, at one side, shaped to enter the wood readily when struck by a blow.

The operation is as follows: The staple being first driven or screwed into the blind-slat until the short prong of the eye nearly touches the wood, the staple is turned until the eye stands parallel, longitudinally, with the slat; then, by a blow, the eye is bent over, forcing the short prong into the slat without materially moving the position of the long prong *a*.

I prefer the threaded prong, so that the staple may be screwed into the slat, but a roughened one would answer.

Having now fully described my invention, what I claim, and desire to secure by Letters Patent, is—

The blind-slat staple, substantially as described.

CHARLES H. PALMER.

Witnesses:
W. C. HICKS,
L. W. HOW.