

J. Add,

Twine Holder.

No. 110,326.

Patented Dec. 20, 1870.

fig. 1.

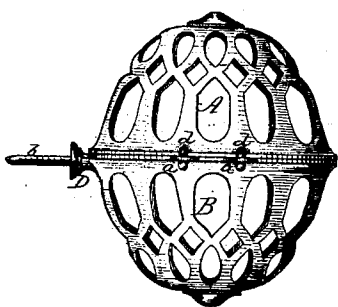


fig. 2.

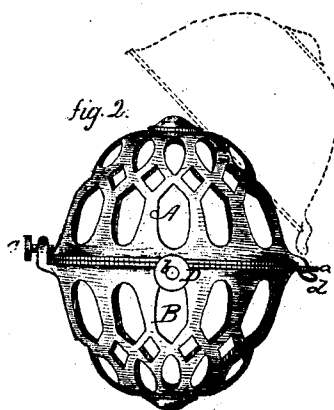


fig. 3.

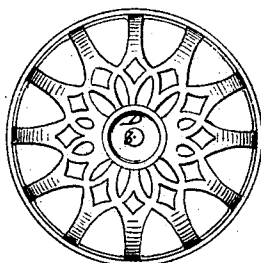
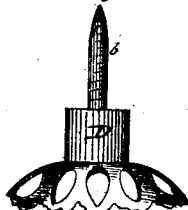


fig. 4.



Witnesses.
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JOHN ADT, OF NEW HAVEN, CONNECTICUT.

Letters Patent No. 110,326, dated December 20, 1870.

IMPROVEMENT IN TWINE-HOLDERS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, JOHN ADT, of New Haven, in the county of New Haven and State of Connecticut, have invented a new Improvement in Twine-Holder; and I do hereby declare the following, when taken in connection with the accompanying drawing and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawing constitutes part of this specification, and represents in—

Figure 1, a side view looking toward the hinge;

Figure 2, a side view turned one-fourth from fig. 1;

Figure 3, a top view; and in

Figure 4, a partial side view of a modification of this invention.

This invention relates to an improvement in device for holding balls of twine, and from which the twine is drawn when required for use, the object being—

First, the construction of the hinge complete in the process of casting; and

Second, in a device for securing the holder in any desired position.

Heretofore, in the construction of such holders, the hinge has been formed part upon each portion of the holder, with a pintle extending therethrough, similar to the common butt-hinge, and as a means for supporting the box they have been supplied with rings or hooks for hanging, or hooks to be secured to a bracket, not possessing in themselves the means for being secured, objections to this article which by my invention are entirely overcome.

My invention consists in providing one part with a screw set into the part during the process of casting, and the casting forming a shoulder around the screw

so that the screw turned into the wall, counter, or other desired place, will firmly secure the holder in the desired position.

A is one part, and

B, the other part, of any desirable form or design.

On the part B, I form lugs *a a*, each perforated to receive corresponding hooks *d d* on the other part, as seen in fig. 2, the hooks curved outward, so that when inserted through the lugs, as denoted in broken lines, fig. 2, and closed, the parts are firmly held together at that point as by a hinge, and when closed, the parts are secured together by a set-screw, C, or other convenient device.

In casting one part, B, I mold for a projection, D, at the point where it is desired to attach the screw, in figs. 1 and 2, represented as upon one side, and in figs. 3 and 4, as on the top or bottom, as the case may be; then in the mold I insert a common wood screw, *b*, so that the head will be inclosed by the projection D, and form a shoulder to serve as a bearing against the wall or wherever the holder is attached; or, in some metals, the screw may be cast upon the box in the same metal, preserving the shoulder as before described.

I claim as my invention—

In a twine-holder, consisting of the two parts A B, the projection D, formed upon one of the parts and inclosing the head of or forming the screw *b* in the process of casting, substantially as and for the purpose described.

JOHN ADT.

Witnesses:

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JOHN H. SHUMWAY.