

E. M. Sudd,

Twine Holder.

No. 112,465.

Patented Mar. 7, 1871.

Fig. 1.

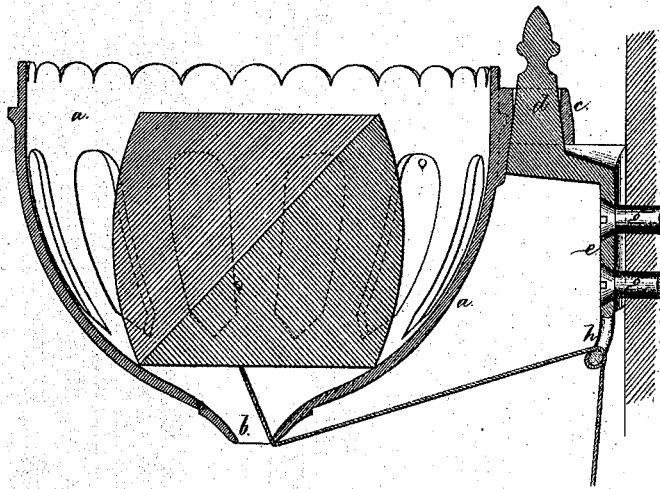
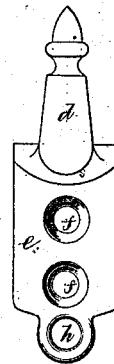


Fig. 2.



Witness,

Chas. H. Smith

Geo. D. Walker

Edward M. Sudd

Lemuel W. Perrell atty.

United States Patent Office.

EDWARD M. JUDD, OF NEW HAVEN, CONNECTICUT.

Letters Patent No. 112,465, dated March 7, 1871.

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, EDWARD M. JUDD, of the city and county of New Haven, and State of Connecticut, have invented a certain new and useful Improvement in Twine-Holders, and the following is hereby declared to be a full and correct description thereof.

Twine-holders have heretofore been made of two shells hinged together and suspended, either by a ring at the top of the upper shell, or by a stud projecting from the lower shell entering a socket in the supporting bracket; and said twine-holders have also been provided with a "brake" to prevent the cord drawing out of the holder too freely, said brake being either upon the inside of the holder or outside upon the lower part of the under shell.

A holder made in either of the above-mentioned forms is costly, considering the low price at which it has to be sold, and a holder which can be supported by a bracket from a vertical surface and provided with a brake outside the shell is preferable to one suspended by a ring, and with the brake inside the holder.

My improvement has for its object the reducing of the cost of a twine-holder, and yet providing one which possesses all the advantages of those heretofore in use.

Said improvement consists in a twine-holder formed with a socket to receive a pin or stud projecting from the supporting-bracket, which bracket is provided, at its lower portion, with one or more openings through which the cord is threaded, to form a brake to prevent the cord drawing too freely from the holder.

In the drawing—

Figure 1 is a vertical section of the twine-holder and its supporting-bracket; and

Figure 2 is an elevation of said bracket.

a represents the shell, of hemispherical form, forming the holder for the ball of twine, and I here re-

mark that two of these shells hinged together may be used as in Letters Patent granted to me September 21, 1869, No. 95,118.

This shell *a* may be of any suitable open-work character, and is to be provided with the opening at *b* to allow the cord to be drawn from the holder.

c represents the socket, cast with the shell *a*, and this socket is to be of a size to freely receive the pin *d* of the bracket *e*.

This bracket *e* is provided with holes at *f f* for the screws *g g* to attach it to the wall, partition, or other vertical surface, and with the ring *h*, around which the cord from the holder passes.

The ring portion *h* projects slightly beyond the face of the bracket, in order that there may be a space between the lower part of the ring and the surface to which the bracket is attached, to allow the cord to be easily passed through the ring.

More than one of these rings or openings may be provided upon the lower part of the bracket *e*.

By my improvement the twine-holder is reduced to two pieces, the shell and its supporting-bracket, both of which may be cast, and require no hand labor after coming from the mold to adapt them to each other.

I claim as my invention—

1. The bracket *e*, having an eye or opening through which the cord is passed, in combination with the twine holder *a*, that is supported by said bracket, as set forth.

2. The open hemispherical twine-holder *a*, made with an eye at one side to set over the pin *d* of the bracket *e*, as set forth.

Signed by me this 3d day of February, A. D. 1871.

E. M. JUDD.

Witnesses:

JULIUS TWISS,

JOHN W. ALLING.