

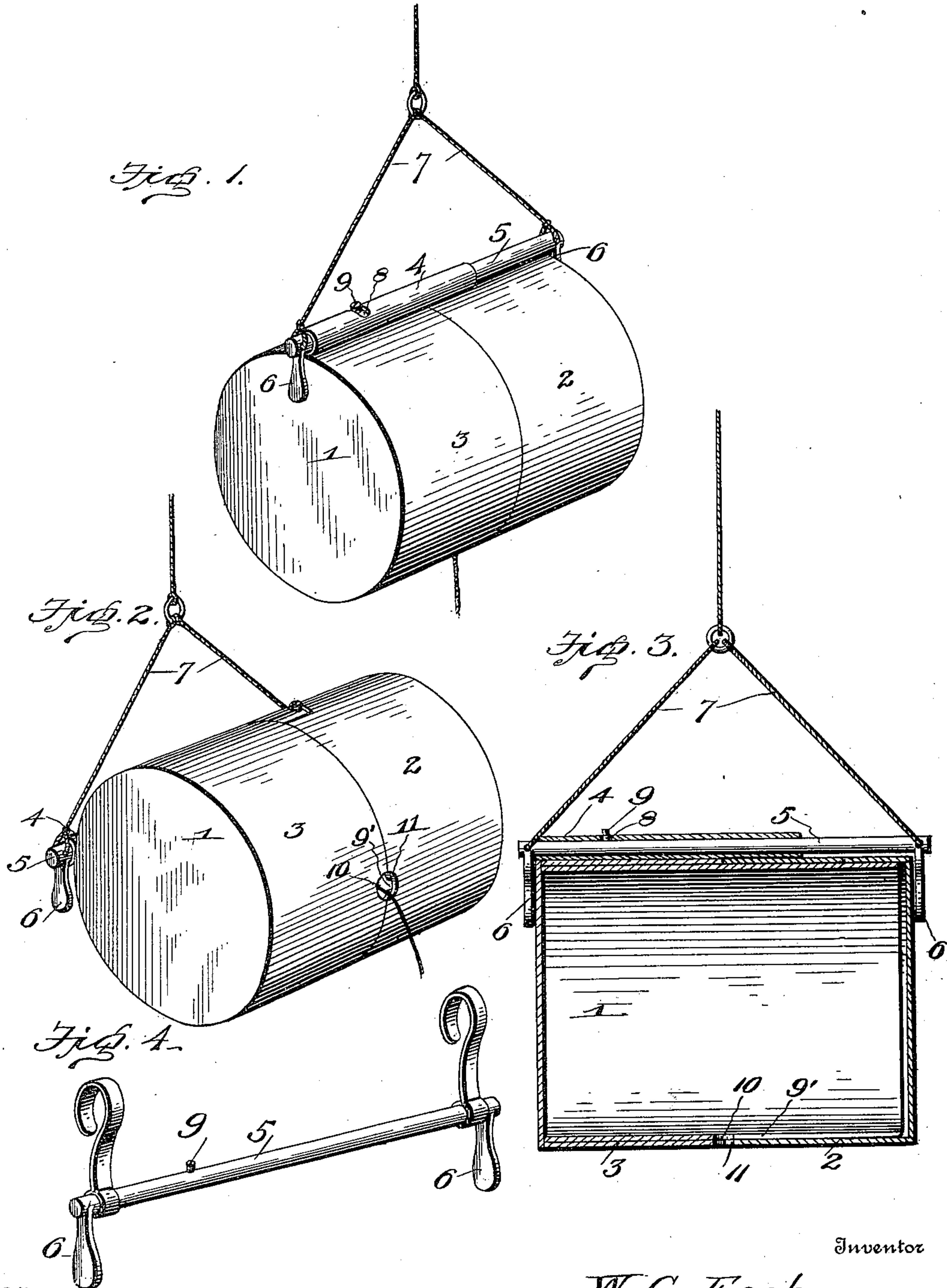
No. 667,769.

Patented Feb. 12, 1901.

W. G. ESCH.
TWINE HOLDER.

(Application filed Nov. 1, 1900.)

(No Model.)



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Witnesses
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UNITED STATES PATENT OFFICE.

WILLIAM G. ESCH, OF MANITOWOC, WISCONSIN.

TWINE-HOLDER.

SPECIFICATION forming part of Letters Patent No. 667,769, dated February 12, 1901.

Application filed November 1, 1900. Serial No. 35,169. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM G. ESCH, a citizen of the United States, residing at Manitowoc, in the county of Manitowoc and State of Wisconsin, have invented certain new and useful Improvements in Twine-Holders; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The invention relates to twine-holders, and more particularly to that class adapted to be suspended from some fixed support over the wrapping-counter of a commercial house.

The object of the invention is to provide a twine-holder of this character which shall be simple of construction, durable in use, and comparatively inexpensive of production, and one which will permit of the ready separation and connection of the shells forming the holder for the purpose of replenishing the holder with a ball of twine.

With this and other objects in view the invention consists in certain features of construction and combination of parts which will be hereinafter more fully set forth.

In the accompanying drawings, Figure 1 is a perspective view of my improved twine-holder, showing it suspended and in position for use. Fig. 2 is a similar view showing the holder swung up to disengage the locking-lugs of the rod from the ends of the shells to permit of their separation for the purpose of placing a fresh ball of twine in the holder. Fig. 3 is a longitudinal sectional view through the holder, and Fig. 4 is a detail perspective view of a modified form of rod.

Referring to the drawings, 1 and 2 denote telescopic shells constituting the body portion of the holder. The shell 1 is provided with a reinforcing-band 3, against which the inner end of the shell 2 abuts when the two shells are in position, thus forming a smooth joint. The reinforcing-band 3 has secured to it at its upper side a sleeve 4, the inner end of which projects inwardly beyond the reinforcing-band. 5 denotes a rod journaled in this sleeve and provided at its ends with locking-lugs 6, which when the device is suspended from the ends of the rod by a cord 7 project down and lock the two sections of

the shell against separation. When it is desired to separate the two sections to put in a new ball of twine, the holder is grasped and swung up out of the path of the locking-lugs, thereby permitting the sections of the holder to be separated. To prevent endwise movement of the rod within its sleeve and also to permit of an independent movement of the holder with respect to said rod, so as to permit of the locking-lugs being turned to allow the separation of the sections of the holder, I form said sleeve with a transverse slot 8 and pass through said slot and secure to the rod a stud 9, which may be in the form of a short screw.

The inner end of the shell 1 is provided with a longitudinal slot 9', terminating in a recess 10, and the inner end of the shell 2 is provided with a semicircular registering recess 11. The ball of twine with the end loosened is placed in the shell 1, and the loose end of the twine is passed along the longitudinal slot until it reaches the semicircular recess. The shell 2 is now slipped on the section 1 with the recesses of the two shells registering, which recesses form a guide-eye for the twine.

In the construction shown in Fig. 4 instead of providing the ends of the rod with eyes from which to secure suspending-hooks I have provided the ends of the rod with spring-hooks, which are adapted to engage the rod usually suspended above the counter lengthwise thereof.

From the foregoing description, taken in connection with the accompanying drawings, the construction, operation, and advantages of my invention will be readily understood without requiring an extended explanation. The device is exceedingly useful for the purpose for which it is designed and may be placed upon the market at a comparatively small cost.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

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

1. A twine-holder consisting of two separa-

ble shells and a rod having a rotary and non-longitudinal connection with one of said shells and provided with a locking-lug at one end adapted to project across a portion of the
5 outer end of one of said shells, substantially as set forth.

2. A twine-holder consisting of two separable shells, a sleeve secured to one of said shells and provided with a transverse slot,
10 a rod journaled in said sleeve and provided with a pin projecting through said slot, and a lug arranged at one end of said rod and adapted to extend across a portion of the outer end of one of said shells, substantially
15 as set forth.

3. A twine-holder consisting of two separa-

ble shells, a sleeve secured to one of said shells and provided with a transverse slot, a rod journaled in said sleeve and provided with a pin projecting through said slot, and
20 a lug arranged at one end of said rod and adapted to extend across a portion of the outer end of one of said shells, said rod being provided at its ends with suspending-hooks, substantially as set forth. 25

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

WILLIAM G. ESCH.

Witnesses:

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ARTHUR ENGELBRECHT.