No. 751,214. PATENTED FEB. 2, 1904.

R. A. STEEB.

TWINE HOLDER.

APPLICATION FILED AUG. 4, 1903.

NO MODEL.

Fig. 1.

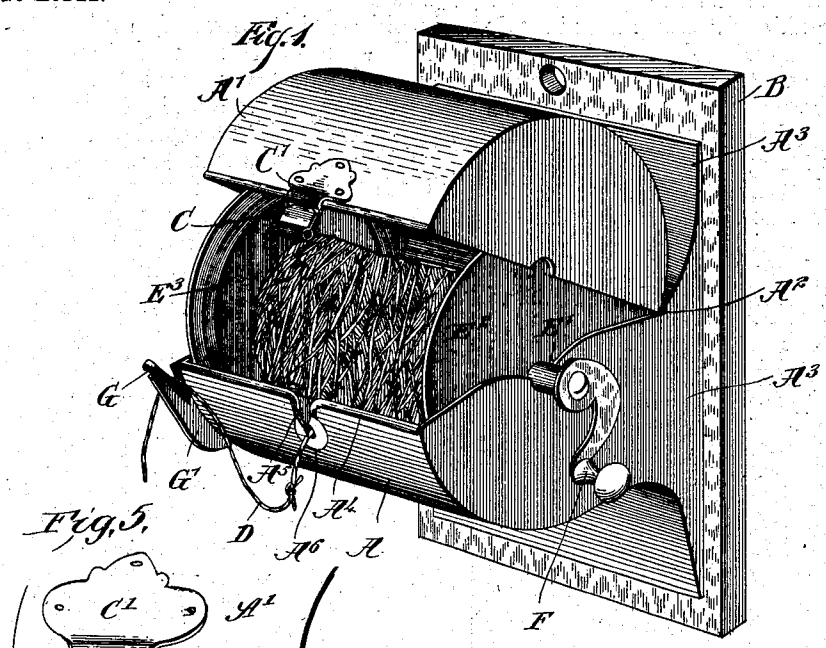


Fig. 5.

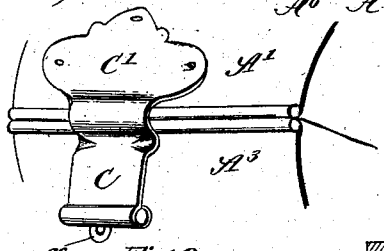


Fig. 2.

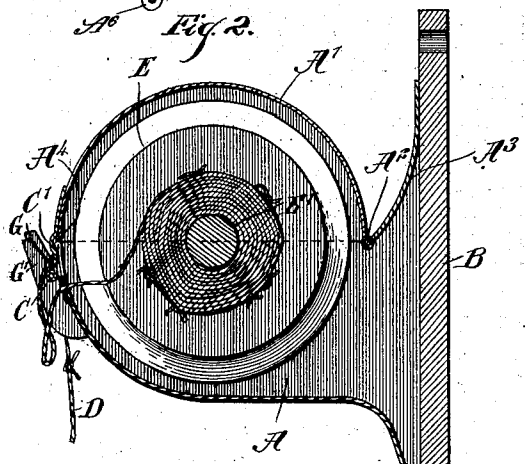


Fig. 3.

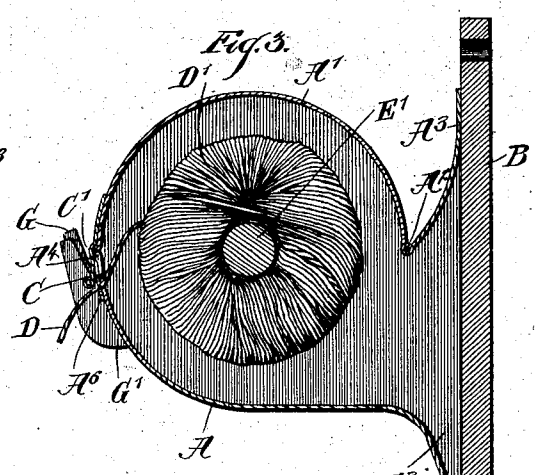
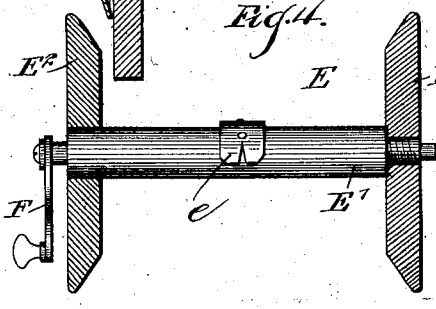


Fig. 4.



WITNESSES:

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No. 751,214. Patented February 2, 1904.

UNITED STATES PATENT OFFICE.

RUDOLPH A. STEEB, OF ROSELLE, NEW JERSEY.

TWINE-HOLDER.

SPECIFICATION forming part of Letters Patent No. 751,214, dated February 2, 1904.

Application filed August 4, 1903. Serial No. 168,231. (No model.)

To all whom it may concern:

Be it known that I, RUDOLPH A. STEEB, a citizen of the United States, and a resident of Roselle, in the county of Union and State of New Jersey, have invented a new and Improved Twine-Holder, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved twine-holder, more especially designed for household use, and arranged to permit of winding up on a spool odds and ends of twine, cord, threads, and the like tied together to allow ready use of the continuous twine thus formed for tying packages, bundles, and the like.

The invention consists of novel features and parts and combinations of the same, as will be more fully described hereinafter and then pointed out in the claims.

A practical embodiment of the invention is represented in the accompanying drawings, forming a part this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of the improvement, showing the cover in a partly-opened position. Fig. 2 is a transverse section of the same. Fig. 3 is a like view of the same, showing a ball of twine in position on the spool; and Fig. 4 is a longitudinal sectional elevation of the spool to illustrate the removable flange. Fig. 5 is a detail showing the spring-catch C in its operative relation to the parts with which it coöperates.

The casing A of the twine-holder is provided with a cover A′, hinged at A^2 on the rear end A^3 of the casing, the said rear end being attached to a suitable support B for attachment to a wall or the like to hold the twine-holder in a convenient position for the user.

On the front free end of the cover A′ is secured a spring-catch C, having in its under side a recess C′ for engaging a keeper or retainer A^4, formed on the outside of the casing A, at the front end thereof, so that when the cover A′ is swung into a closed position it is locked therein by the recess C′ engaging the retainer A^4, as plainly illustrated in Figs. 2 and 3. The free end of the spring-catch C extends over the entrance end A^5 of a slot A^6, formed in the casing A at the front free end, and the said slot forms a passage for the twine, thread, or cord D, adapted to wind and unwind on a spool E, having its shaft E′ journaled in the sides of the casing A, the journal-bearing for the said shaft E′ being open—that is, partly formed in the sides of the casing and the sides of the cover A′—so that when the latter is swung open the entire spool may be readily removed from the casing A.

On one outer end of the spool-shaft E′ is secured a crank-arm F, adapted to be taken hold of by the operator for turning the spool, so as to wind up the twine, thread, cord, or the like, as hereinafter more fully described.

The spool E is provided with a fixed flange E^2 and a removable flange E^3, as plainly shown in Fig. 4, the said removable flange being preferably screwed on the shaft and when unscrewed allows of conveniently slipping a ball of twine D′ (see Fig. 3) on the said shaft, and when this is done the flange E^3 is again screwed up, and the spool, with the ball of twine, is placed in position in the casing with the end of the twine extending through the uncovered portion of the slot A^6. The end of the twine can be readily cut on a knife G, held removably in a suitable sheath G′, attached to the casing A, at one side thereof, as plainly illustrated in the drawings. The spool-shaft E′ is provided with the usual catch *e* for engaging the end of the thread.

In using the device the odds and ends of twine, cord, thread, and the like are tied together, and one end is wound on the shaft E′ of the spool between the flanges E^2 and E^3, and then the spool contained in the casing A is turned, so as to wind up the twine until a short end portion extends outside of the casing through the slot A^6. Now whenever other odds and ends of the twine are to be taken care of they are simply tied together and attached to the end of the twine extending out of the casing to allow of winding up more twine on the spool, and when it is desired to use some of the wound-up twine for tying packages and the like then the operator on pulling on the twine causes a ready rotation of the spool and unwinding of the twine to any

desired length to permit of properly tying the package or the like.

The end of the twine can be readily cut at the knife G after the package is tied, so that the end piece of the twine on the spool always extends outside of the casing to be within convenient reach of the user. It is expressly understood that to this outer end of the twine on the spool another piece can be tied and then wound up on the spool, as previously described, so that it is not necessary to keep the odds and ends of twine, yarn, thread, cord, and the like lying loose about the house.

It is understood that when the cover A is swung into a closed position its free end covers up the entrance end A^5 of the slot A^6, so that the end of the twine cannot leave the slot as long as the cover A′ is closed. When it is desired to remove the spool from the casing, the cover A′ is unlocked and swung into an open position to allow of lifting the spool out of the casing, and then the flange E^3 can be removed from the shaft E′ to allow of slipping a ball of twine on the shaft in case it is desired to use new twine only instead of odds and ends, as above described.

After the ball of twine is placed on the shaft the flange E^3 is again screwed up, and then the spool, with the ball of twine thereon, is placed in the casing and the end of the twine passed into the slot A^6, after which the cover A′ is closed to close the entrance end A^5 of the slot by the free end of the catch C. On pulling on the outer end of the twine the ball will readily turn and the twine will be unwound for use in tying packages and the like.

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

1. A twine-holder, comprising a casing having a fixed portion and a semicylindrical complementary portion hinged thereto, one of said portions having a circumferentially-extending slot leading inwardly from its meeting edge, and a catch secured to and overreaching the edge of the other section to lap the open end of said slot to close the same.

2. A twine-holder, comprising a casing having a fixed portion and a complementary portion hinged thereto, the fixed portion having an opening leading inwardly from its front edge, about midway thereof, for the passage of the twine, a catch for securing the two sections together, and a knife for severing the twine, said knife being held on one end of the fixed portion of the casing in approximately horizontal alinement with said opening for the twine.

3. A twine-holder comprising a fixed casing having a retainer, said casing having a hinged cover and formed with a slot, a spring-catch on the cover, for engaging the said retainer on the casing and adapted to extend over the entrance end of the slot, and a spool journaled in the sides of the casing and having its twine end extending through the uncovered portion of the said slot, as set forth.

4. A twine-holder, comprising a casing having a fixed portion, and a complementary portion hinged thereto, the fixed portion having a slot leading inwardly from one of its side edges, a rib fastened along said edge and extending downwardly into said slot embracing the side edges thereof, and a plate carried by the hinge-section and overreaching the edge thereof to engage said rib to secure the two sections together and to lap the open end of said slot to close the same, the lower end of said overlapping plate being formed into a rib.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

RUDOLPH A. STEEB.

Witnesses:
THEO. G. HOSTER,
JNO. M. RITTER.