Feb. 12, 1924. 1,483,729

A. E. ISTED

DOMESTIC DEVICE FOR WINDING AND HOLDING WOOL

Filed May 9, 1923

FIG. 1.

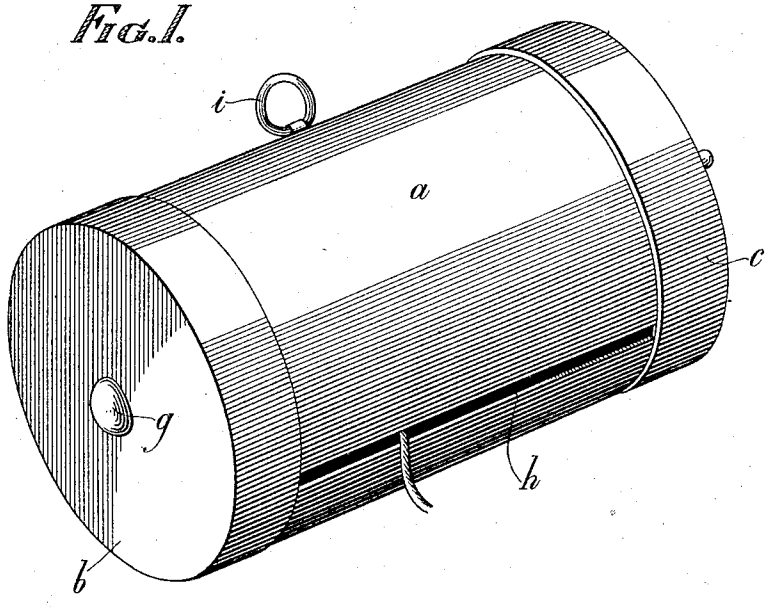
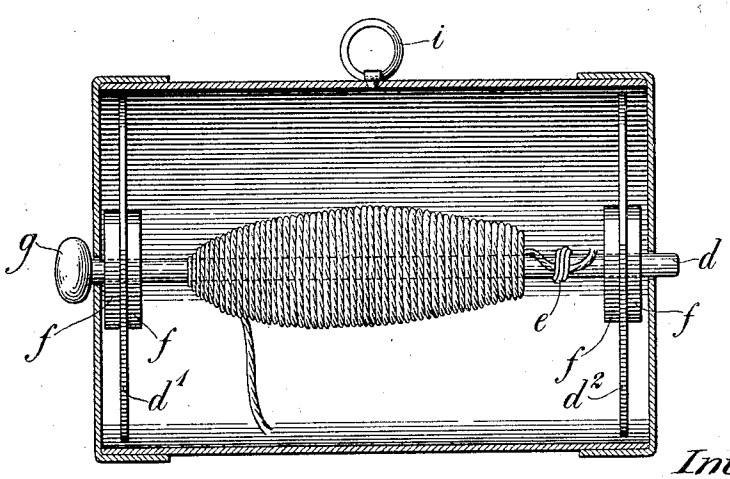


FIG. 2.



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UNITED STATES PATENT OFFICE.

ALBERT EDWARD ISTED, OF LONDON, ENGLAND.

DOMESTIC DEVICE FOR WINDING AND HOLDING WOOL.

Application filed May 9, 1923. Serial No. 637,820.

To all whom it may concern:

Be it known that I, ALBERT EDWARD ISTED, a subject of the King of England, residing at 97 Amesbury Avenue, Streatham Hill, London, S. W. 2, England, have invented a certain new and useful Improved Domestic Device for Winding and Holding Wool, of which the following is a specification.

This invention refers to an improved domestic device for winding and holding wool, silk and the like for domestic purposes.

The present invention consists in the improved construction, arrangement and combination of parts hereinafter described and more particularly pointed out in the appended claims.

In order that the present invention may be clearly understood and more readily carried into effect it is hereinafter described with reference to the accompanying drawings, in which:—

Figure 1 is a perspective view of a winding and holding device constructed in accordance with the present invention, and

Figure 2 is a sectional side elevation of said device showing a portion of wool wound in position.

According to the present invention and in carrying same into effect the improved device comprises a cylinder or container *a* having two cap-shaped ends *b* and *c* respectively. One of these ends *c* is permanently attached to the cylinder *a* and the other is removable therefrom, being secured thereon as in the case of the lid of a tin or by screwing or the like. A revolving spindle *d* is provided inside the cylinder *a* and passes through holes provided in the centre of each of the lid ends *b* and *c*. The spindle is provided with a small rubber band *e* which is adapted to be lifted up and to secure one end of the wool or the like to be wound thereon closely on to the spindle. The spindle *d* is provided with an externally arranged knob *g* at one end and also with a pair of discs *d'* and d^2 one near each of its ends. These discs, which may conveniently be formed of cardboard, are held in place between pairs of cardboard washers *f* glued or otherwise secured to the spindle *d*. The spindle *d* by reason of the knob *g* at its ends and the discs *d'*, will be attached to the cap-shaped end *b*, so that when this latter is removed the spindle, together with the discs *d* and *d'* will be together removed from the cylinder *a*. A narrow longitudinal opening *h* is provided in the cylinder *a* and extends from the inside edge or flange of one lid *b* to the inside edge or flange of the other lid *c*, and serves for the passage of the wool both when being wound on to the spindle *d* or when being unwound therefrom. A small ring *i* is also provided at or near the middle of the cylinder *a* and at or near the side thereof opposite to the opening *h*, and serves as a means by which the device may be suspended when in use. For instance, when used for knitting the device may be suspended from a chair or other support, or can be attached to the belt or dress of the user. It will be found very desirable to use the device in this way, especially when winding wool on to the spindle, as it leaves the hands of the user free.

In use the lid *d* of the cylinder is removed from the cylinder *a* bringing with it the spindle *d*. The wool or the like to be wound thereon is then passed through the opening *h* in the cylinder *a*, and the end thereof is secured under the rubber band *e* on the said spindle *d*. The spindle *d* is then replaced within the cylinder *a* together with the cap *b*, and the knob *g* is then spun between the thumb and finger, when the wool or the like will be rapidly, evenly and loosely wound on the spindle. Conveniently the device in its simplest form may be made in cardboard providing a light device of simple and inexpensive construction, or it may be made of metal, vulcanite or other material providing a more expensive and durable article. The device may also be made of square or other preferred shape and will be found when in use to keep the wool neat and free from dust.

What I claim is:—

1. A device for winding and holding wool and the like for domestic purposes comprising a cylindrical or other suitably shaped container provided with end caps or lids, an opening in said container for

the passage of the wool or the like, a spindle connected to one of the said lids and passing through a hole in the other lid, a pair of discs on said spindle and an operating knob at the outer end of said spindle.

2. A device for winding and holding wool for domestic purposes according to claim 1, in which the cylinder is provided with a ring or the like means by which it may be suspended.

In testimony whereof I have hereunto signed my name.

ALBERT EDWARD ISTED.