Jan. 12, 1926. 1,569,577

A. P. ROBINSON

HOLDER FOR WOOL AND LIKE THREAD MATERIALS

Filed June 17, 1925

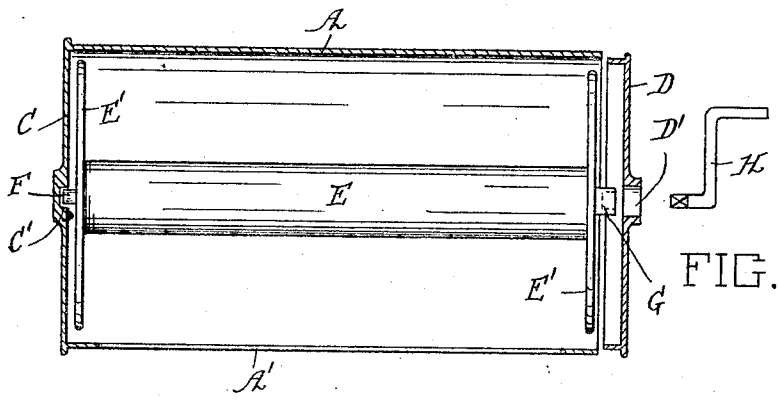


FIG. 1.

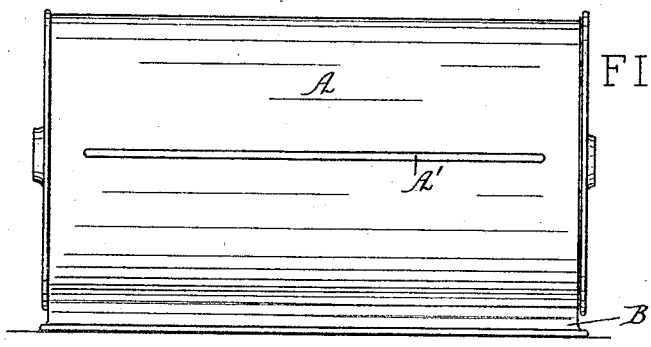
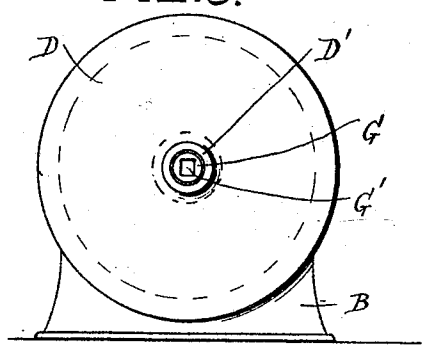


FIG. 2.

FIG. 3.



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UNITED STATES PATENT OFFICE.

ALFRED PETER ROBINSON, OF AUCKLAND, NEW ZEALAND.

HOLDER FOR WOOL AND LIKE THREAD MATERIALS.

Application filed June 17, 1925. Serial No. 37,815.

To all whom it may concern:

Be it known that I, ALFRED PETER ROBINSON, subject of the King of Great Britain, residing at 1 Endean's Buildings, Queen Street, Auckland, in the Dominion of New Zealand, have invented a new and useful Holder for Wool and like Thread Materials, of which the following is a specification.

This invention has been devised with the object of providing a holder or receptacle for containing a supply of wool, silk thread, cotton thread, or like materials and for holding this supply in such a manner that it will be kept clean while being knitted or crocheted in any of the usual ways, and will allow for it being easily drawn out continuously from the supply as it is needed during such operations.

The holder is adapted to have the wool or other thread wound, for use, upon a reel or spool contained within it and then to permit of it being drawn from such reel or spool as and when needed. The holder is also of such a nature that it may be readily carried about and may be rested on any appropriate surface for use.

The said device is illustrated in the accompanying drawings, in which:—

Figure 1 is a sectional plan thereof, with the loose parts shown in the position ready for assembly.

Figure 2 is a side elevation, and

Figure 3 is an end elevation thereof.

In this invention, a cylindrical casing A of the required length and diameter and made of any suitable material, as wood, metal, celluloid or the like, is provided. Such casing is made with a flat pedestal or base portion B along its outer side so that it may stand horizontally on such base and be firmly supported. One end C of the casing is closed and is formed on its inside with a bearing C′ disposed at its centre. The other end of the casing is open but a cover D is provided to fit closely thereon and such cover is formed at its centre with a bearing D′ extending through it.

A reel E is provided to extend lengthwise in the casing, such reel being made with a flange E′ at each end, of slightly less diameter than that of the casing. The inner end of this reel E is furnished with a bearing pin F that is adapted to fit into the bearing C′ on the closed end of the casing. Its outer end is also formed with a bearing boss G that projects outwards and is designed to pass through the central bearing D′ of the casing cover D, when the reel E is placed within the casing and the cover put in its position. The reel is thus journalled to rotate freely in these bearings.

The said bearing boss G is made with an angular recess G′ in its outer face so that a crank handle H provided for the purpose may fit into it and rotate the reel.

The casing is formed with a slot A′ extending longitudinally through most of its length, such slot being of sufficient width to permit of the clear run through of the wool, silk, or other thread. The slot A′ may be positioned along the top, or along the side as shown in the drawings, as may be desired.

The said wool, silk, or other thread is wound on to the reel, through the slot A′ by rotating the reel E by its crank handle H, and the reel thereby filled. This wool or other thread may then be withdrawn as and when required by drawing on its outer end, left projecting through the slot, the reel turning freely on its journals to allow the wool or thread to unwind.

I claim:—

1. A holder for wool and other thread materials, comprising in combination, a cylindrical casing having a longitudinal slot in its wall, and a base or pedestal to support it horizontally, and made with a closed end having a bearing formed upon its inside, and with an open end, a cover to fit on such open end having a bearing made therein, and a reel adapted to fit within the casing and constructed with a bearing pin on each end adapted to fit respectively into the bearings on the closed end of the casing and upon its cover end.

2. In a holder for wool and other thread materials constructed as described in claim 1, a bearing pin for the said cover end of the reel formed with an angular recess in its end face, substantially as and for the purposes specified.

In testimony whereof, I affix my signature.

ALFRED PETER ROBINSON.