Sept. 8, 1925. 1,552,481

M. GYURCSIK

WOOL WINDER

Filed May 5, 1925

Fig. 1.

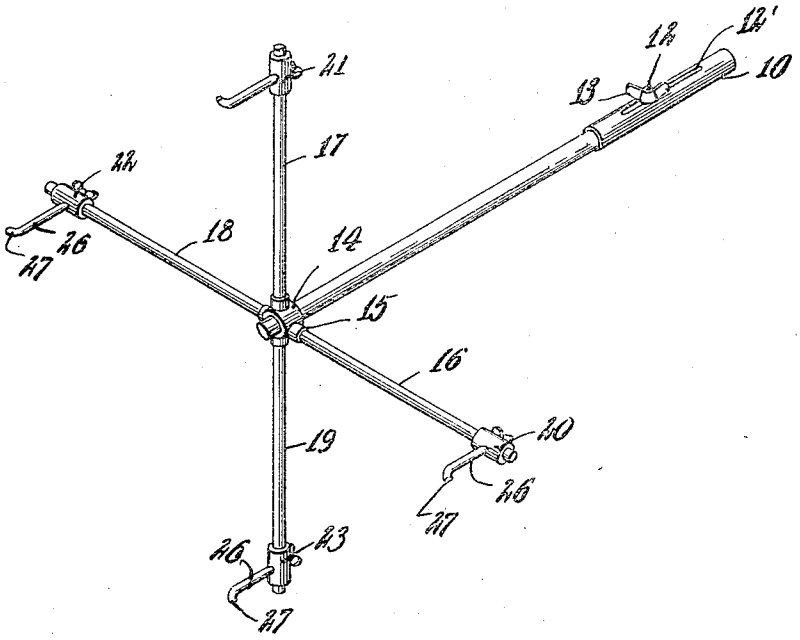
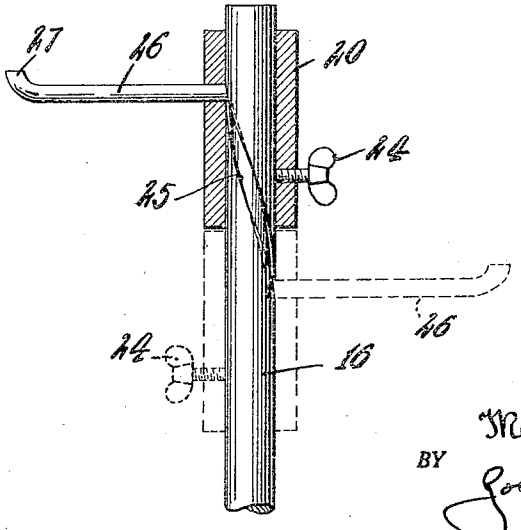


Fig. 2.



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ATTORNEYS.

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UNITED STATES PATENT OFFICE.

MARY GYURCSIK, OF WYOMING, PENNSYLVANIA.

WOOL WINDER.

Application filed May 5, 1925. Serial No. 28,052.

To all whom it may concern:

Be it known that I, MARY GYURCSIK, a citizen of the United States, residing at Wyoming, in the county of Luzerne and State of Pennsylvania, have invented certain new and useful Improvements in Wool Winders, of which the following is a specification.

This invention relates to a hank or skein holder allowing the convenient unwinding of a hank or skein of wool, etc. for forming a ball or the like.

It is the principal object of my invention to provide a hank or skein holder having a plurality of fingers of a peculiar construction preventing a slipping off of the skeins during the unwinding operation, and allowing an adjustment according to the size of the hank of wool.

Another object of the invention is the provision of a hank or skein holder allowing an adjustment of the fingers, and a locking of the same in their adjusted positions.

A further object of the invention is the provision of a hank or skein holder of simple and inexpensive construction adapted to be secured to a suitable support.

These and other objects of my invention will become more fully apparent as the description thereof proceeds, and will then be specifically set forth in the appended claims.

In the accompanying drawing forming a material part of this disclosure:

Fig. 1 is a perspective view of a hank or skein holder constructed according to the invention.

Fig. 2 is an enlarged detail, sectional view illustrating the adjustability of the hank holding fingers.

The device comprises a socket 10 adapted to be secured to any desired support, as for instance, a table, and adapted to receive at one end the end of a rod or bar 11 adapted to be clamped to the socket by means of a bolt 12, entering through a longitudinal slot 12′ in socket 10 and adapted to be operated by a wing-nut 13 or the like.

At its other end the rod or bar carries a sleeve 14 rotatably held thereon and carrying sockets 15 for the arms 16, 17, 18 and 19.

These arms have near their ends, sleeves 20, 21, 22 and 23 attached thereto by means of wing-bolts 24, and the arms have helical or spiral grooves 25, cut therein in which are slidably held the inner ends of fingers 26 having outer, peculiarly shaped hooks 27 adapted to hold the hanks of wool or the like, in position so that they cannot slip off under the action of the centrifugal force during the unwinding of the wool.

In operation, the hanks or skeins of wool, or the like, are laid over the fingers 26, behind the hooks 27 thereof and the fingers are adjusted to their proper desired hank holding position, according to the width of the hanks, and locked therein by the proper manipulation of the wing-bolts 24.

It is to be understood that the description and drawing present one form of practical embodiment of my invention by way of example only, and that such changes may be made in the construction thereof, that fall within the scope of the appended claims without departure from the spirit of my invention.

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

1. A hank or skein holder comprising a rod, a slotted socket on said rod, adapted to be secured to a support, means for removably holding said rod in said socket, a sleeve having a plurality of sockets rotatably held on the opposite end of said rod, arms in said sockets having helical disposed grooves cut therein, fingers having hooked ends guided or held with their inner ends in said grooves, and a means for locking the said fingers in their adjusted positions to suit the size of the hanks.

2. A hank or skein holder comprising a rod, means for securing said rod to a support, a plurality of arms rotatably held near the opposite end on said rod, each of said arms having a helical or spiral groove cut therein near its outer end, a plurality of fingers having hooked outer ends guided and held in the spiral grooves, sleeves for said arms through which said fingers are guided, and wing-bolts for securing said sleeves and fingers in their adjusted positions to the size of the hanks on said arms.

In testimony whereof I have affixed my signature.

MARY GYURCSIK.