M. BLEASE & F. WHITE,
APPARATUS FOR HOLDING SKEINS WHILE BEING WOUND INTO BALLS,
APPLICATION FILED FEB. 14, 1917.


Fig. 1.

Fig. 2.

Inventors
Mary Blease and
Frederick White

their Attys.
To all whom it may concern:

Be it known that we, MARY BLEASE and FREDERICK WHITE, subjects of the King of Great Britain, both residing at Liverpool, in the county of Lancaster, England, have invented certain new and useful Improvements in Apparatus for Holding Skeins While Being Wound into Balls, of which the following is a specification.

The present invention is for improvements on that type of device for holding skeins or hanks of yarn to facilitate the winding of these into balls in which a support or base is adapted to carry a plurality of arms to rotate about an axis on the base, each of the arms having a hook or finger capable of being adjusted relatively to the axis of rotation to engage the skein or hank, and the invention consists essentially in details of construction whereby the apparatus can be closed up into a small space when not in use and immediately opened out when wanted.

The invention is more particularly described with reference to the accompanying drawings, in which—

Figure 1 is a plan view of one form of the device.

Fig. 2 is a corresponding side elevation.

A base consisting of a pair of rods 1, 2, pivoted together carries an upright spindle 3 which at the same time may act as a pivot for the two parts 1, 2, so that these can fold together in a small space.

Mounted to rotate loosely about the axis 3 are a plurality of arms 4, 5, usually disposed in planes one above the other so that they may similarly fold into a small space. The arms 4, 5, may be held relatively to one another frictionally or positive clamping means may be provided if desired. The arms 4, 5, have extensions 6 thereon which may be adjustable, and are pivoted somewhat stiffly as at 7 to the arms 4, 5, to fold back if desired, or be extended usually in a straight line with the parts 4, 5. A locking device consisting of a bent piece of wire 8 may be provided to turn down to lock the two parts 4, 6, 5, 6, in a straight line. The extensions 6 are provided along their length with a series of perforations 9 in which an arm 10 of a sliding hook or finger 11 may engage. The hook 11 has an upstanding finger 12 with a concave surface adapted to engage a skein or hank of wool or the like 13 which is to be wound into a ball.

In use the hank or skein 13 will be passed over the hooks and the arms 10 of these will be inserted in one of the perforations 9 at a suitable radial distance from the central spindle 3 to stretch the skein to its normal periphery. It will be seen that as wool or the like yarn or thread is unwound from the skein 13, the arms 4, 5, will rotate about the axis 3 and prevent entanglement of the skein also feeding automatically fresh yarn or thread to the person rolling or winding the ball.

The parts 1, 2, 4, 5, and 6 are preferably made of wood, but obviously may be made of other material such as metal or the like.

It is however clearly to be understood that it is not necessary to have the two arms opposite each other formed in one. All four arms can swivel on the center, and can fold up one under the other. The advantage of this is that it takes a very small compass when not in use, as the laths forming the arms are swiveled into a parallel position, and therefore lie nearly one over the other. The bolt or center-piece on which the arms revolve can have any device whereby it can be attached to the wall, or to an article of furniture, such as a clamp for instance, or simply a somewhat heavy stand.

We declare that what we claim is:

A household device applicable for holding skeins of yarn or thread while being wound by hand, consisting of a support, a plurality of arms rotatable about said support, extension pieces on said arms pivoted so as to swing in a horizontal plane about the ends of said arms, a plurality of locking devices one on each arm extension for holding it when extended, and an adjustable finger on the end of each arm extension.

In witness whereof, we have hereunto signed our names this 26 day of January, 1917, in the presence of two subscribing witnesses.

MARY BLEASE.
FREDERICK WHITE.

Witnesses:

NORTON ARMSTRONG,
J. W. LACHTON.