

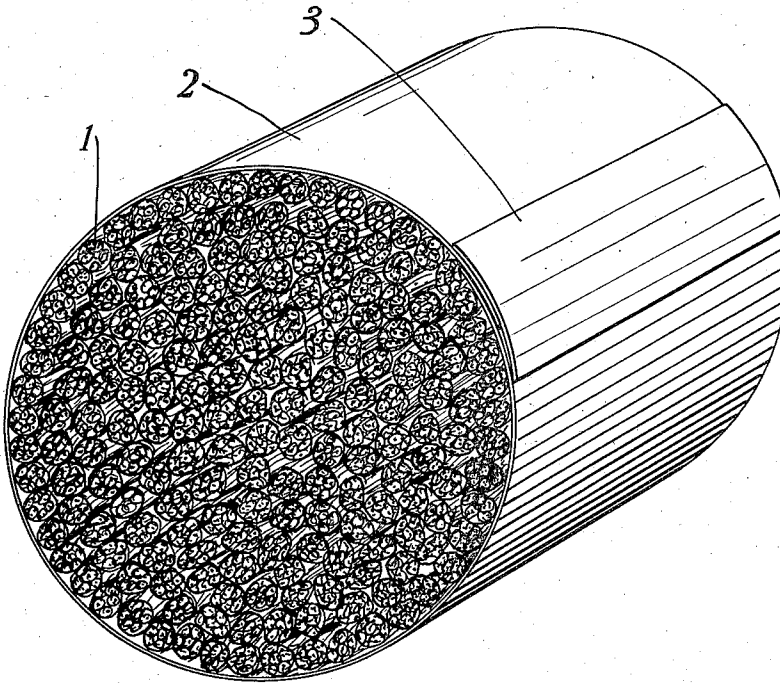
June 14, 1938.

S. SHEPHARD

2,120,910

YARN PACKAGE

Original Filed April 20, 1934



S. SHEPHARD.

INVENTOR

By *Barker & Collings*

ATTORNEYS.

UNITED STATES PATENT OFFICE

2,120,910

YARN PACKAGE

Sidney Shephard, East Bridgford, near Bingham,
EnglandOriginal application April 20, 1934, Serial No.
721,579. Divided and this application April 1,
1935, Serial No. 14,147. In Great Britain March
12, 1934

1 Claim. (Cl. 206—64)

This invention is for a package of wool or other yarns such as are employed in pegging or otherwise making rugs and the like by hand and the invention covered by this application is a division of an application filed by the applicant on 20th April, 1934 under Serial No. 721,579.

It has hitherto been customary to supply wool or equivalent yarns, for making rugs by hand, in skeins or hanks which subsequently require to be cut into the appropriate short lengths with scissors or shears. This, of course, is a long and tedious process and it is practically impossible by such process to cut the yarn into exactly equal lengths, and consequent upon the use of unequal lengths of yarn the pile of the finished rug is rendered uneven. Additionally, the operation of clipping wool necessarily nips together the fibrous strands at the cut ends and thus impairs the soft downy appearance of the pile.

An object of the present invention is to provide a package in which all the lengths or portions of cut wool or the like are of exactly equal lengths; while a further object is to provide a novel and handy package containing wool cut into predetermined lengths, which package permits of individual lengths or pieces being easily withdrawn for use as required without unduly disturbing the remaining yarn in the package.

Such a package is illustrated in the accompanying drawing and is conveniently produced by the machine described and claimed in my co-pending application Serial No. 721,579. The yarns of wool or the like are gathered into rope-like formation and have applied to them a wrapping 2 which actually consists of a strip of paper or other flexible sheet material which extends longitudinally of the rope and which during its application thereto is so curved as to eventually form a tube, the longitudinal edges of the wrapping overlapping as shown.

This tubular wrapping is fixed in position closely embracing the bunched yarns by applying to the overlapping edges a strip of adhesive paper 3 or its equivalent, the said strip being applied con-

tinuously following the enclosure of the yarns. Intermittently, a length suitable for a package is severed, from the rope-like product thus produced, by a knife. The cut by which the requisite length is severed is taken completely through the wrapping 2, fixing strip 3 and the bunched yarns that are enclosed therein in parallel relation. Hence, the package thus produced comprises a large number of comparatively short lengths of wool or the like bunched together parallel one with another in solid cylindrical form and closely embraced by a sheath 2 of paper or equivalent flexible material composed of a sheet or strip overlapping at its two edges and fixed at said overlapping edges by an adhesive strip portion 3 covering said edges. The several yarn portions are all of equal length and the axial length of the tubular sheath is also equal to the length of the yarns as also is the length of the fixing strip portion so that said yarns are completely enclosed and protected except at their cut ends. From a package so formed the several yarn portions can readily be withdrawn individually without disturbing the remaining yarns; and where said yarns are of wool it will be appreciated that they can be compressed during packing into a tight compact mass so that as individual portions are withdrawn, the remaining portions expand to fill out the package.

I claim:—

A package comprising a relatively large number of cut portions of yarn, suitable for the pile of rugs made by hand, of equal length substantially parallelly disposed in a cylindrical closely-packed bunch with their cut ends flush, an open-ended flexible tubular wrapping of sheet material enclosing said bunch for its entire length, the edges of the material constituting which sheath overlap in a longitudinal seam, and an exterior adhesive securing strip applied to said seam to secure it, which package is such that individual yarn lengths may be withdrawn one by one from the end thereof.

SIDNEY SHEPHARD.