

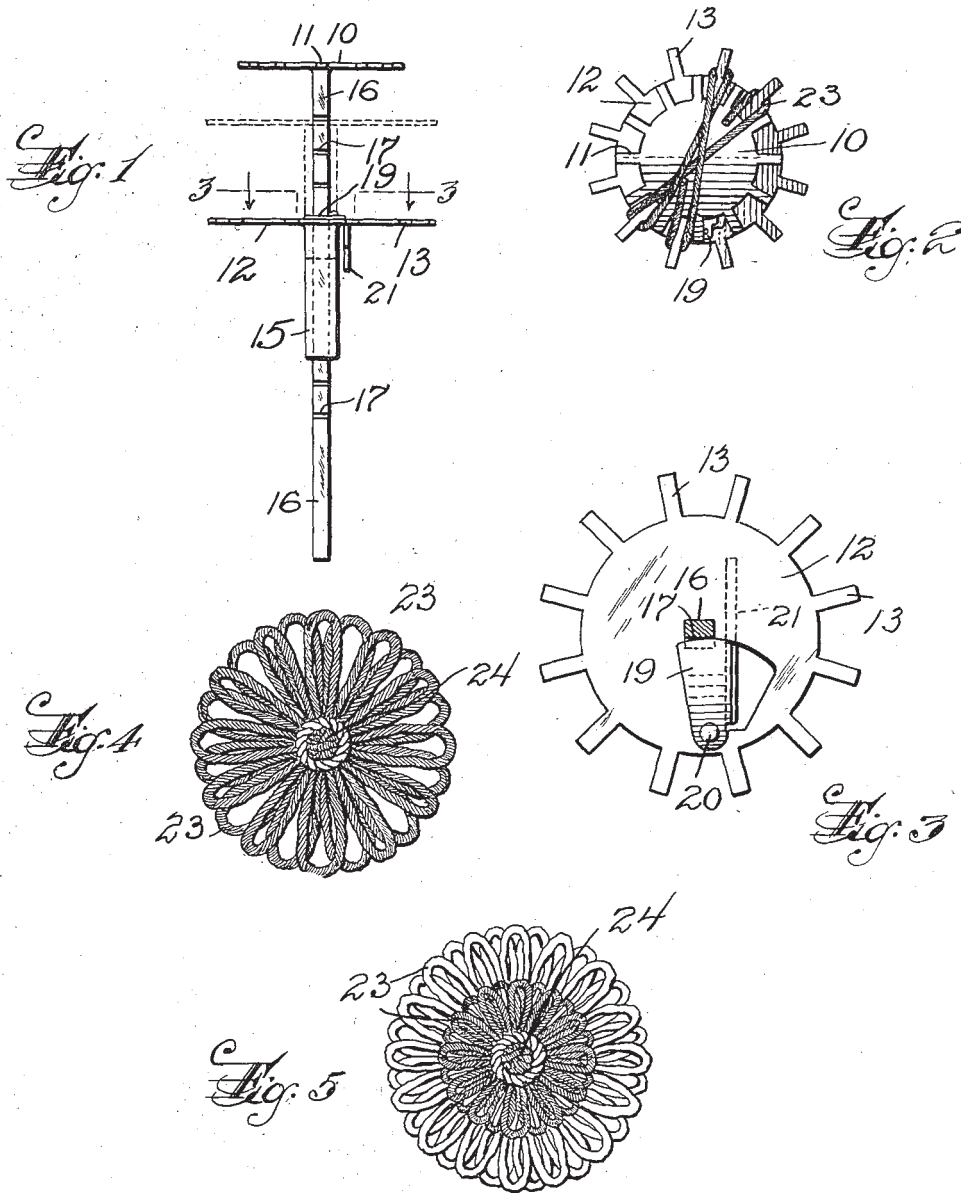
Aug. 20, 1935.

H. COTTRELL

2,011,617

DEVICE FOR FORMING ROSETTE LIKE ARTICLES

Filed Aug. 18, 1934



INVENTOR
Herbert Cottrell.
BY
Wm. H. Campfield.
ATTORNEY.

UNITED STATES PATENT OFFICE

2,011,617

DEVICE FOR FORMING ROSETTE-LIKE ARTICLES

Herbert Cottrell, Point Pleasant, N. J.

Application August 18, 1934, Serial No. 740,385

5 Claims. (Cl. 28—15)

This invention relates to an improved device for making rosette-like articles of strands such as thread or wool and particularly representations of flowers such as daisies formed of radial loops gathered at the center. These articles are sewed together to form sweaters, coats, pillows, bed covers and other articles.

The invention is particularly designed to not only facilitate the forming of the article but to allow rosettes of various sizes to be made on the same device. There are at present knitters that form such rosettes, one example being shown in United States Patent No. 1,819,234.

The invention is also designed to provide a knitter which is cheap to manufacture, is quickly and easily adjustable and enables a strand to be used continuously to knit a small rosette superimposed on a larger rosette.

The invention is illustrated in the accompanying drawing in which Figure 1 is a side view of a knitter embodying my invention. Figure 2 is a top view of the knitter shown in Figure 1 with a strand woven part way on the knitter. Figure 3 is a section on line 3—3 in Figure 1. Figure 4 is a top view of a single rosette knitted on the device and Figure 5 is a top view of a double rosette knitted on the device.

The parts over which the knitting is done are two discs, preferably flat, and supported in parallel relation in a manner to permit them to be spaced apart at various distances. These discs have projecting lips on their margins which lips are preferably radial to provide easy insertion or weaving of the strand. For purpose of clear description these discs are referred to as stellar as they are essentially starlike with a relatively small central field.

One stellar disc 10 is provided with the radially arranged lips 11 and the second stellar disc 12 is provided with the radially arranged lips 13. The spaces between the lips in the discs are relatively wide to enable easy knitting or threading of the strand around the lips to form the loops of the finished article.

These two discs are supported in a manner to enable them to be held at various distances apart to enable different size rosettes to be made on the same knitter.

The form shown comprises a tube 15 on which the disc 12 is secured and a rod 16 telescopically arranged in the tube. The tube and rod are held against relative rotation by suitable means. The knitter illustrated shows such means in the

square rod 16 which fits into a square bore in the tube.

Suitable means are also included to hold the tube and rod in adjusted positions. The rod 16 is shown notched as at 17 and a catch 19 is pivoted at 20 to be placed in or out of the notches 17. The catch has a fingerpiece 21 for its manipulation.

In using the knitter the strand is passed over the disc 10 and around a lip 13 in the disc 12 and then back over the disc 10 and down around another lip 13 until the loops are formed in sufficient number. The catch 19 is released and the discs slide toward each other. This releases the loops 23 and rosette is removed. The centre of the rosette can be gathered or sewed as at 24 before removal from the knitter.

The size of the rosette can be determined by the space between the discs. In dotted outline, in Figure 1, I show the discs 12 placed for a relatively small daisy or rosette while in full lines I show it set for one of larger diameter.

If desired one of small diameter can be knitted the loops 23 released and then the disc 12 re-set lower down and the knitting continued. Then when the larger rosette is released by moving the disc 12 upwardly the rosettes when released and turned over will appear as in Figure 5 with one superimposed on the other.

It will be seen from the drawing that in the preferred form the fingers 11 on the top disk are centrally disposed relative to the spaces between the fingers 13 on the bottom disk and it will also be evident from Figure 2 that due to this arrangement the loops made by the strand are seated in the recesses in the top disk after being passed over the fingers on the bottom disk and in this way strands at the centre are kept closely bunched. This is of advantage when the centre strands are to be gathered together to form the knot as the various strands can be picked up by a needle which is particularly advantageous when using wool as the wool strands are not broken but are picked up complete.

This formation of the dot is also facilitated by reason of the top disk having a relatively small area which not only prevents spreading of the strands at the centre but the relative nearness of the opposed lips 11 but it also centralizes the work at this point to make it easy to form the knot.

Various changes can be made in the size and proportion of the parts without departing from the scope of the invention.

I claim:—

1. A device for forming rosette-like articles comprising a pair of round discs with marginal lips and telescopic means connected to the discs
5 for maintaining them at various distances apart.

2. A device for forming rosette-like articles comprising a tube having a stellar disc supported thereon, a rod slidable in the tube and
10 having a stellar disc secured at one end, whereby the distance between the discs may be varied.

3. A device for forming rosette-like articles comprising a tube having a stellar disc supported thereon, a rod slidable in the tube and
15 having a stellar disc secured at one end whereby the distance between the discs may be varied

and co-acting means on the tube and rod for holding them in adjusted positions.

4. A device for forming rosette-like articles comprising a tube having a stellar disc secured thereto, the tube having a non-circular bore, a
5 non-circular rod fitting the bore, and a stellar disc secured to one end of the rod.

5. A device for forming rosette-like articles comprising a tube having a stellar disc secured thereto, the tube having a non-circular bore, a
10 non-circular rod fitting the bore, a stellar disc secured to one end of the rod and a catch on the tube for holding the rod in adjusted positions.

HERBERT COTTRELL. 15