F. POPE.

HOSIERY TURNER.

APPLICATION FILED FEB. 25, 1907.

939,312. **Patented Nov. 9, 1909.**

Fig. 1

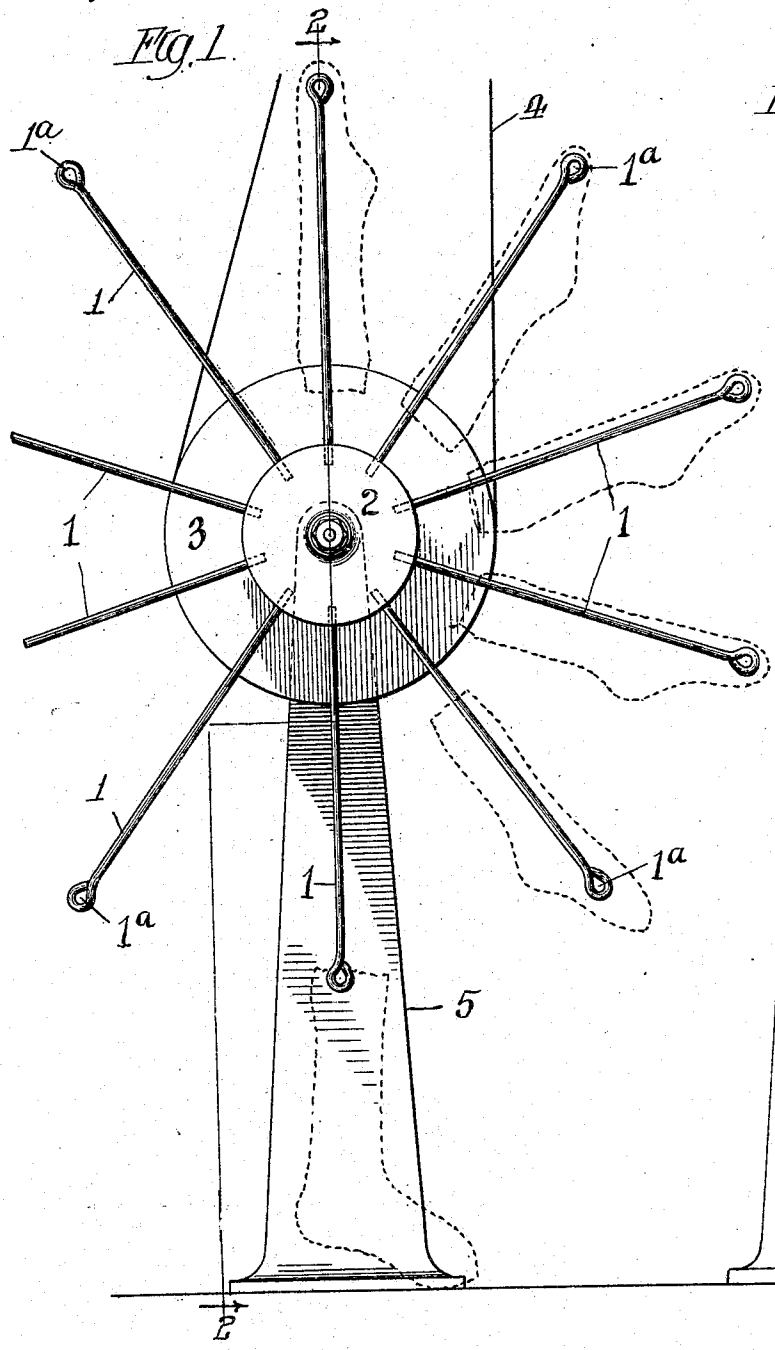
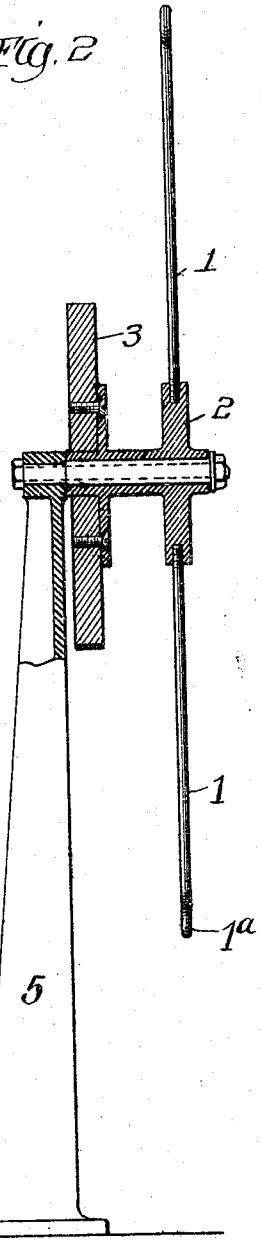


Fig. 2



Witnesses:

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UNITED STATES PATENT OFFICE.

FRANK POPE, OF KANKAKEE, ILLINOIS, ASSIGNOR TO PARAMOUNT KNITTING COMPANY, OF CHICAGO, ILLINOIS, A CORPORATION OF ILLINOIS.

HOSIERY-TURNER.

939,312. Specification of Letters Patent. Patented Nov. 9, 1909.

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To all whom it may concern:

Be it known that I, FRANK POPE, a citizen of the United States, residing at Kankakee, in the county of Kankakee and State of Illinois, have invented certain new and useful Improvements in Hosiery-Turners, of which the following is a specification.

My invention consists in the provision of a hosiery turner of such construction and arrangement that hosiery may be turned thereon with great facility and rapidity and may be discharged therefrom in automatic manner so that the only hand operation required is that of drawing the hosiery over a turning rod.

Speaking in general terms my invention comprises a series of rotatable radially arranged turning rods which are rotated according to the speed of the operator and are successively presented to the operator for the insertion of the hosiery when in upright position, the hosiery automatically slipping off or dropping from the rods when the same approach their downward position.

In the accompanying drawing Figure 1 is an elevation of my hosiery turner and Fig. 2 a section on the line 2—2 of Fig. 1.

Referring to the present embodiment of my invention, I provide a series of radial turning rods 1 which may be of any desired length and which are provided at their outer ends with loops or eyes 1^a to facilitate the turning operation as hereinafter explained. These rods are secured at the inner ends to a suitable center piece or support such as, for instance, the rotatable disk 2 which is adapted to be driven in any suitable manner as by means of a pulley 3 to which such disk is shown connected and which may be driven by means of the belt 4 as shown. This pulley and disk are mounted to rotate in any desired or convenient manner and in the present instance the same are mounted in the upper end of a support or standard 5 which may be mounted upon the floor.

The turning rods may be rotated in either direction but the same are generally rotated in a clockwise direction. In practice and speaking of the preferred method of operation, the operator stands in front of the machine and after inserting the toe of the stocking through the loop of the uppermost turning rod, draws the stocking downwardly upon such rod and thereby turns the same. By the time that this operation is completed the next rod has reached or is approaching its uppermost position whereupon another stocking is put through the same operation. This operation continues without interruption inasmuch as the turning rods are successively presented and the stockings automatically drop from the rods when the same reach or approach their downward position, the drawing in Fig. 1 showing a stocking already discharged from the lowermost turning rod.

By the use of my invention I am enabled to considerably facilitate the work of turning stockings which must be done with great rapidity and economy. I accomplish this result by reason of the fact that a free turning rod is always presented ready for the operator to insert another stocking thereon and by reason of the fact also that the stockings are discharged automatically, so that the only manual work required to be done by the operator is that of merely inserting and turning the stocking.

I claim:

1. A hosiery turner comprising a series of rotatable rods mounted to rotate in unison in a vertical plane, and means for supporting said rods.

2. A hosiery turner comprising a center piece rotatable in a vertical plane, and a series of turning rods secured thereto at their inner ends and rotatable in a vertical plane.

3. A hosiery turner comprising a series of radially arranged turning rods, and means for rotating said rods in unison.

4. A hosiery turner comprising a series of rotatable turning rods mounted to rotate in unison and having eyes at their outer ends.

5. A hosiery turner comprising a support, a disk mounted to rotate thereon on a horizontal axis, and a series of radially-arranged turning rods secured at their inner ends to said disk and rotatable in a vertical plane.

6. A hosiery turner comprising a disk, a series of turning rods secured at their inner ends thereto, and means for driving said disk and rods.

7. A hosiery turner comprising a support, a pulley mounted thereon, a disk operatively connected with the pulley, and a series of turning rods connected at their inner ends to the disk and radiating therefrom.

FRANK POPE.

Witnesses:
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