

(Specimens.)

J. H. PLACE.

HEM FOR STOCKINGS AND METHOD OF MAKING THE SAME.

No. 466,371.

Patented Jan. 5, 1892.

Fig. 1.

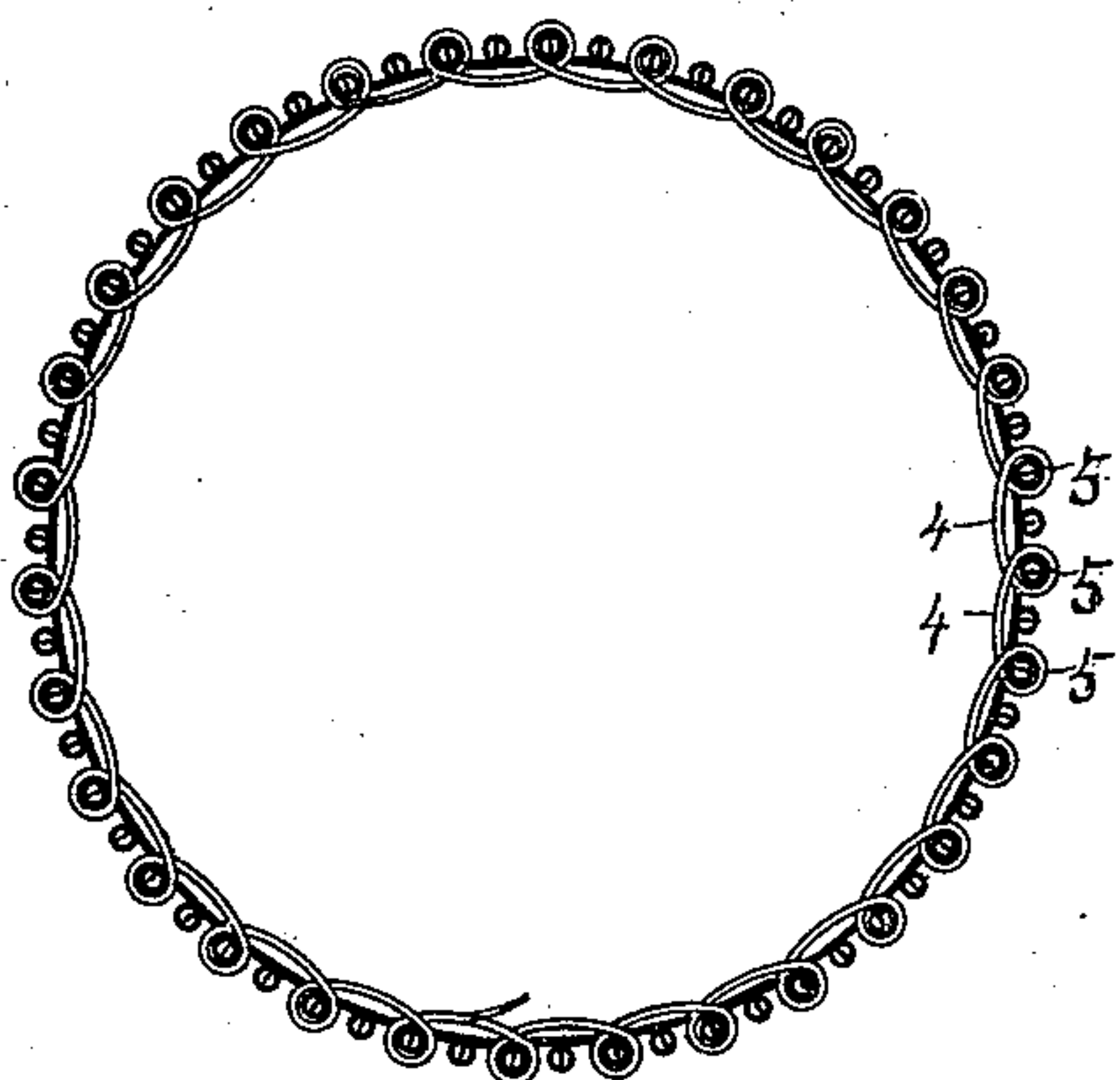


Fig. 3.

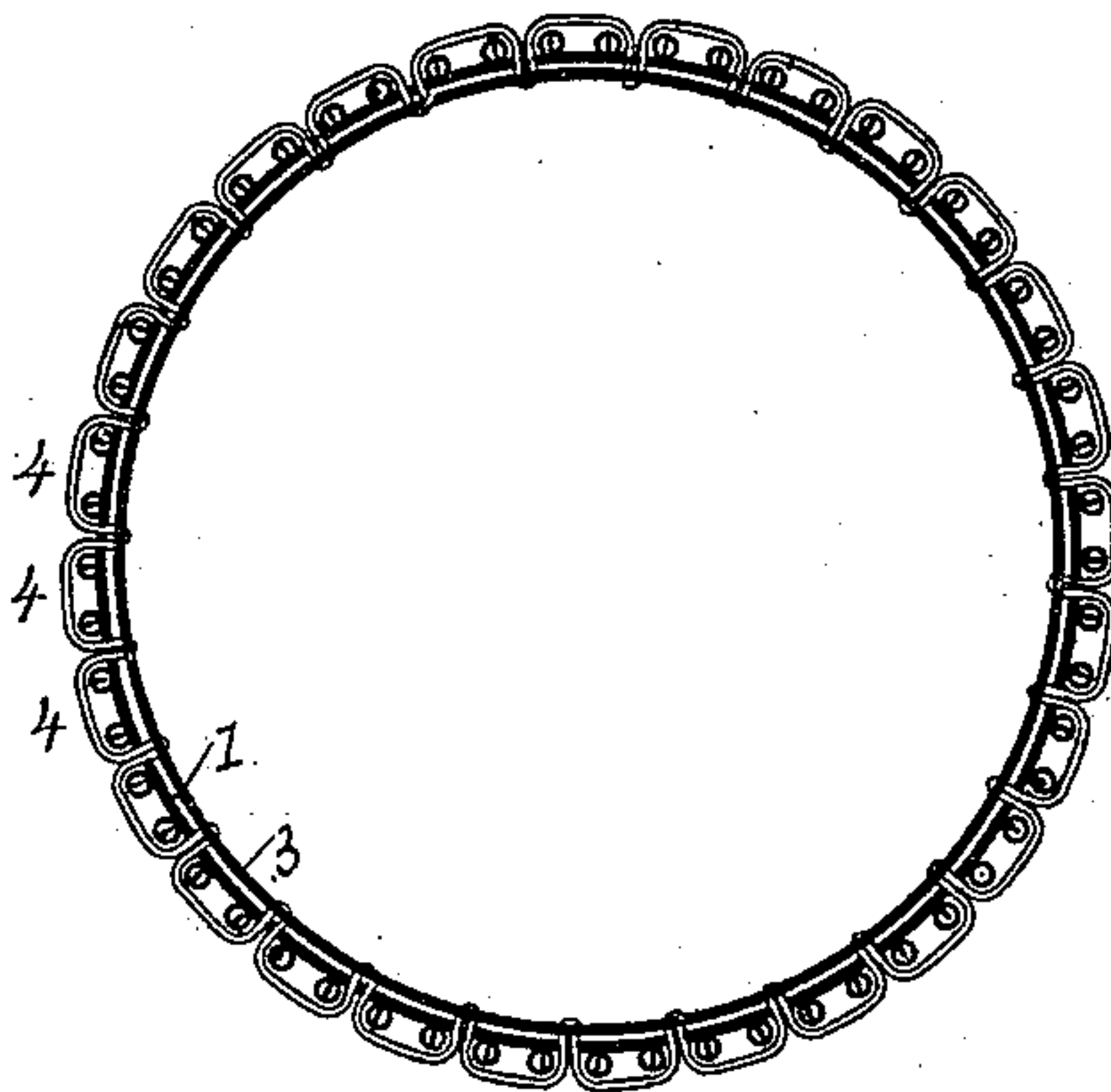


Fig. 2.



Fig. 4.

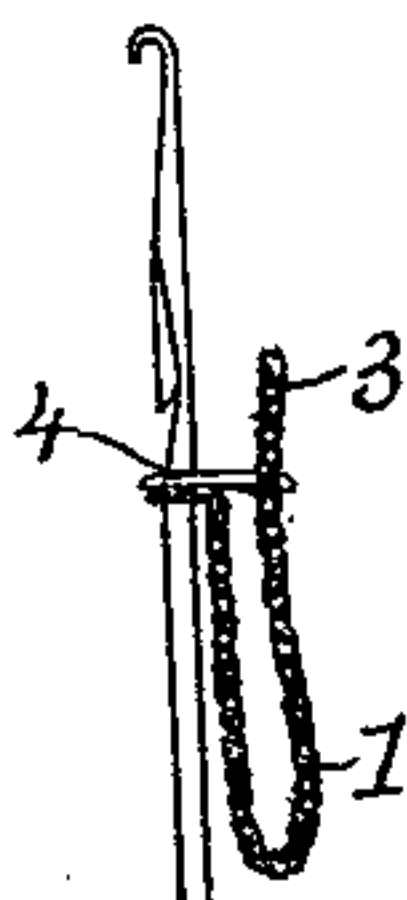
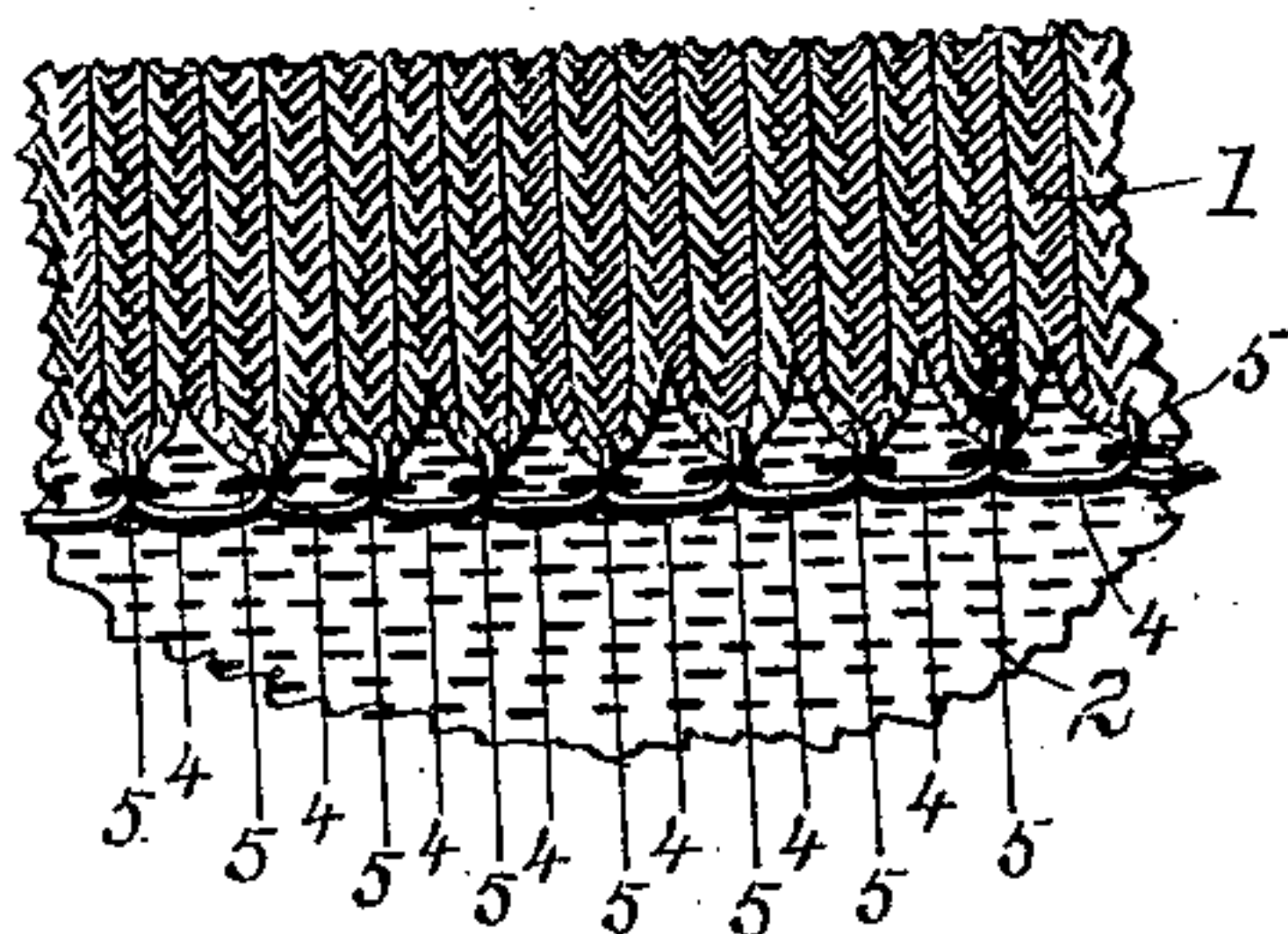


Fig. 5.



ATTEST

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# UNITED STATES PATENT OFFICE.

JOHN H. PLACE, OF DECATUR, ILLINOIS.

## HEM FOR STOCKINGS AND METHOD OF MAKING THE SAME.

SPECIFICATION forming part of Letters Patent No. 466,371, dated January 5, 1892.

Application filed April 14, 1891. Serial No. 388,918. (Specimens.)

*To all whom it may concern:*

Be it known that I, JOHN H. PLACE, of Decatur, in the county of Macon and State of Illinois, have invented certain new and useful Improvements in Hems for Stockings and Methods of Making Same, of which the following is a specification.

This invention relates to stocking-hems formed by knitting; and it consists in the method employed to form the hem and in the hem so formed, both of which are hereinafter set forth in detail and specifically claimed.

In the drawings accompanying and forming a part of this specification, Figures 1, 2, 3, and 4 represent steps in the method of forming the hem, and Fig. 5 represents the interior surface of a fragment of hem as completed.

The yarn is set up on the needles in the customary manner and a few rounds knitted. The hemstitch-yarn is then looped around each alternate needle, as seen at 5 in Fig. 1. Knitting is next resumed with the original yarn, the loops 5 being interknitted with such yarn, and knitting is continued until a strip wide enough to form the hem is produced. The parts 4 of the hemstitch-yarn, being the connections between loops 5, are then brought up and placed each over two needles, as seen in Fig. 3. Knitting is again resumed and the hemstitch-yarn is caught between each two pairs of loops of the body-yarn, as will be indicated by the position of the hemstitch-yarn in Fig. 3, the parts 4 are thrown to the inside of the fabric, as seen in Fig. 5, by the action of the needles, and the hem is practically completed. Subsequently the stocking is finished and the first few rounds knitted by the body-yarn are raveled down to the hemstitch-yarn.

A desirable way to form the hem practically is to complete the stocking to the toe in the manner described, then knit the few preparatory rounds, lay in the hemstitch-yarn, knit the hem, complete the stocking and others in the same manner, and finally cut the stockings apart near the hemstitch and ravel down, as specified.

In Fig. 2 is shown a needle with a section of the preliminary fabric 3 thereon and a loop 5 of the hemstitch above such fabric.

In Fig. 4 the hem is shown in section as it appears at the time the step shown in Fig. 3 is taken, 1 representing the hem and 3 the preliminary fabric, which is finally unraveled.

In Fig. 5, 1 represents the hem, and 2 the body part of the stocking. The loops 5 of the hemstitch-yarn are shown interknitted with the margin of the hem, and the connections 4 are shown caught by loops of the body portion 2.

The hemstitch is of course applicable to other tubular fabrics beside stockings, and its utility resides in its strength, its good appearance, and in its stretchiness or yielding peculiarity, which enables it to perfectly adapt itself to all conditions of the fabric.

I claim—

1. The method of forming a hem on tubular fabric, which consists in knitting a few rounds in the customary manner, then looping a hemstitch-yarn around each alternate needle of the machine, then knitting with the original yarn a strip wide enough to form the hem and incidentally interknitting the loops of the hemstitch-yarn, then throwing each connecting part of the loops of the hemstitch-yarn over two needles of the machine, and then continuing knitting with the original thread, as set forth.

2. The combination, with a tubular fabric, of a hemstitch-yarn having loops interknitted with each alternate wale of the margin of the fabric and having the connections between loops caught by loops of the body of the fabric, whereby a hem is formed, as set forth.

In testimony whereof I sign my name in the presence of two subscribing witnesses.

JOHN H. PLACE.

Attest:

I. D. WALKER,  
CHAS. B. WAGGONER.