

UNITED STATES PATENT OFFICE.

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STOCKING.

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To all whom it may concern:

Be it known that I, ANTHONY JUNKER, a citizen of the United States, residing at Gloversville, in the county of Fulton and State of New York, have invented certain new and useful Improvements in Stockings, of which the following is a specification.

This invention relates to the manufacture of stockings, and the object thereof is to produce a seamless heel sock or stocking, which may be made of glove silk or any other suitable piece goods.

Another object is to provide a stocking of this character having a double heel, sole, and toe which presents a neat and attractive appearance and the seams of which are so located as to prevent rubbing of the foot of the wearer.

With these and other objects in view, the invention consists in certain novel features of construction as hereinafter shown, described and claimed.

In the accompanying drawings:

Figure 1 represents a perspective view of a portion of a stocking constructed in accordance with this invention.

Fig. 2 is a plan view of the blank used in making the leg and the top of the foot; and

Fig. 3 is a similar view of the blank employed in making the heel, sole, and lower portion of the toe.

A stocking in accordance with this invention is formed from an upper and a lower section seamed together to form a fashioned article, and the upper section consists of an elongated web having an upper rectangular portion and with the side edges of the lower portion thereof inwardly curved whereby the lower portion of the web is tapered, and the said lower portion of the web merges into a substantially elliptical extension, the lower section is also formed from a web of suitable material and is set up to provide a pair of oppositely disposed tapered portions of unequal length, one of said tapered portions having inwardly extending inclined side edges and the other inwardly extending curved side edges and this latter tapered portion terminates in an extension capable of being foldable rearwardly and which is semi-oval in contour. The lower section is notched at opposite sides thereof between the tapered portions and the tapered portion of smaller length is slit lengthwise forming an elliptical shaped opening. The edges of the

slit are seamed together to shape when the sections are connected together, the stocking above the heel, and the edges of each notch are seamed together to form the heel. The upper and lower sections are secured together to form the article and in this connection the upper section has a part of its side edges secured together and the remaining part of its side edges secured to the edges of said lower section.

The upper section comprises a leg portion 1, tapering toward the ankle 2, and then widening into the upper foot portion 3. The lower section 5 comprises a lower or toe portion 6, having V-shaped notches 7 formed at the side edges thereof, the edges of which are seamed together as shown at 8, to form a seamless heel 9, that is a heel without any rear or bottom seam, the seams 8 being disposed at opposite sides of the foot.

The heel portion 10 of the lower section 5 tapers to a point 11 at its rear end and has a cut out portion 12 extending longitudinally thereof midway its width. This cut out portion 12 forms a slot like opening, which tapers to points at its opposite ends, as is shown clearly in Fig. 3, and the side walls of the slot are seamed together to provide the proper curvature above the heel proper at the ankle portion of the stocking, as shown at B in Fig. 1, the front end of the lower portion 6 is equipped with an integral flap-like member 14 shaped to conform to the curved portion 6^a of said lower section 5 and which is designed to extend up under the toe portion of the foot member 3, as is shown clearly in Fig. 1, to form a double toe at this point.

After the two upper and lower sections have been set up as shown in Figs. 2 and 3, the side edges of the notches 7 are seamed together, and those of the slot 12 are also seamed together. The edges of the lower section 5 are then seamed to the edges of the foot portion 3 of the upper section and to the ankle portion thereof up to the point shown at 15 in Fig. 1. The side edges of the leg portion 1 are then seamed together above this point to produce the leg of the stocking.

From the above description, it will be obvious, that by constructing and connecting the parts as herein illustrated, that a stocking is produced, having a seamless heel, that is a heel without any seam at the ball of the

heel, the only seams in the stocking being directly up the back portion of the leg, and along the sides of the foot, and at the sides of the heel and above the rear portion of the ball of the heel, as is shown clearly in the drawing. The sole portion 6 is preferably doubled, so that a double heel, toe, and sole will be formed in the completed stocking.

The preferred embodiment of the invention is disclosed in the drawings and set forth in the specification, but it will be understood that any modifications within the scope of the claimed invention may be made in the construction without departing from the principle of the invention or sacrificing any of its advantages.

What I claim is:

As a new article of manufacture a stocking formed from an upper and a lower section, said upper section comprising an elongated web having its upper portion rectangular and the side edges of its lower portion

inwardly curved and merging into a curved extension, and said lower section formed from a web including a pair of oppositely disposed tapered portions of unequal length, one having inwardly extending inclined side edges and the other inwardly extending curved side edges terminating in a rearwardly foldable extension, said upper section having a part of its side edges seamed together and the remaining part of its side edges seamed to the edges of said lower section, said lower section seamed at opposite sides between the tapered portions thereof to form the heel and further seamed lengthwise of that tapered portion of smaller length to shape the stocking above the heel, the extension of the upper section inclosing the extension of the lower section.

In testimony whereof, I affix my signature hereto.

ANTHONY JUNKER.