

April 5, 1932.

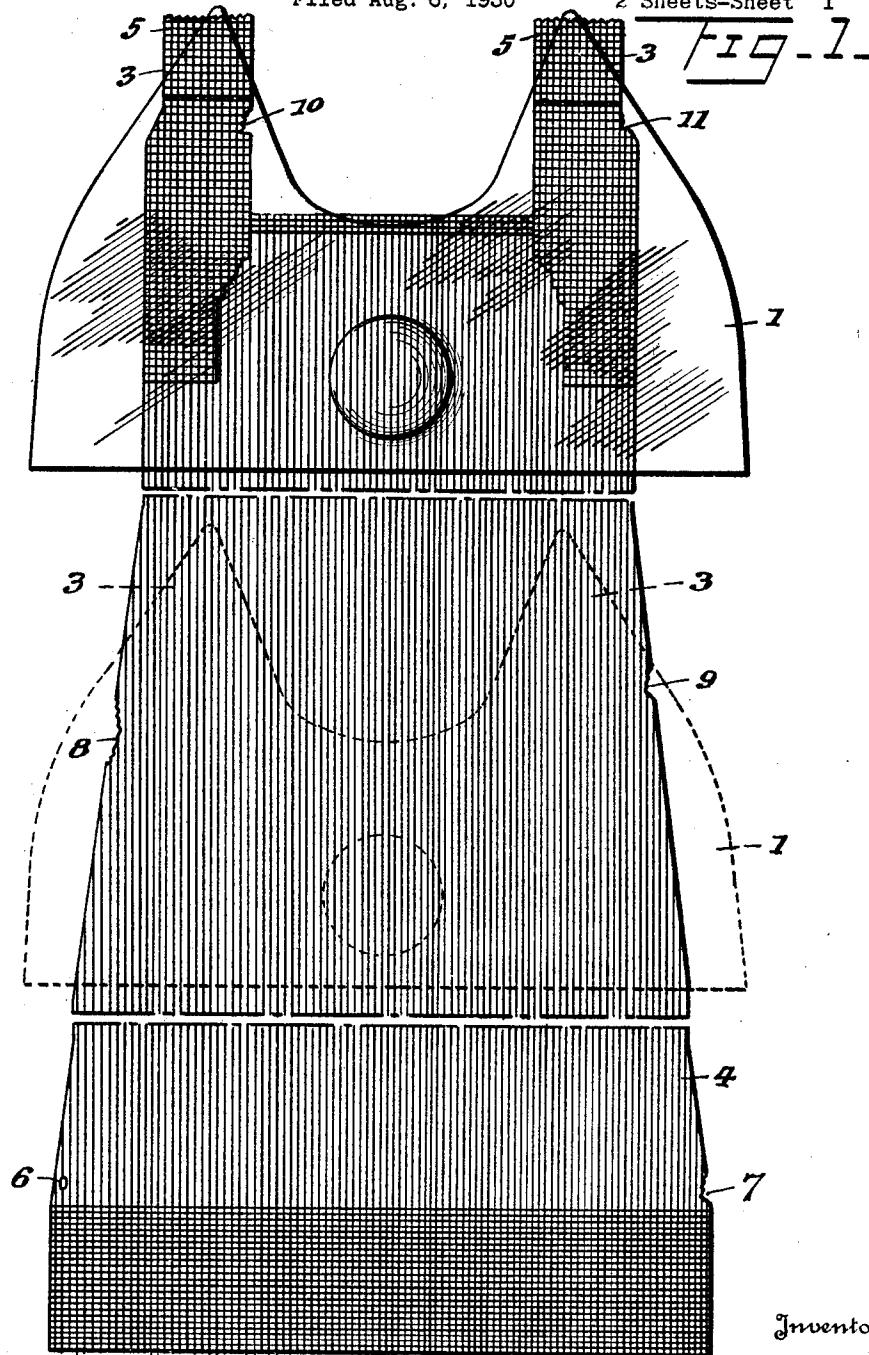
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1,852,674

STOCKING INSPECTING DEVICE

Filed Aug. 6, 1930

2 Sheets-Sheet 1



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FIG. 2.

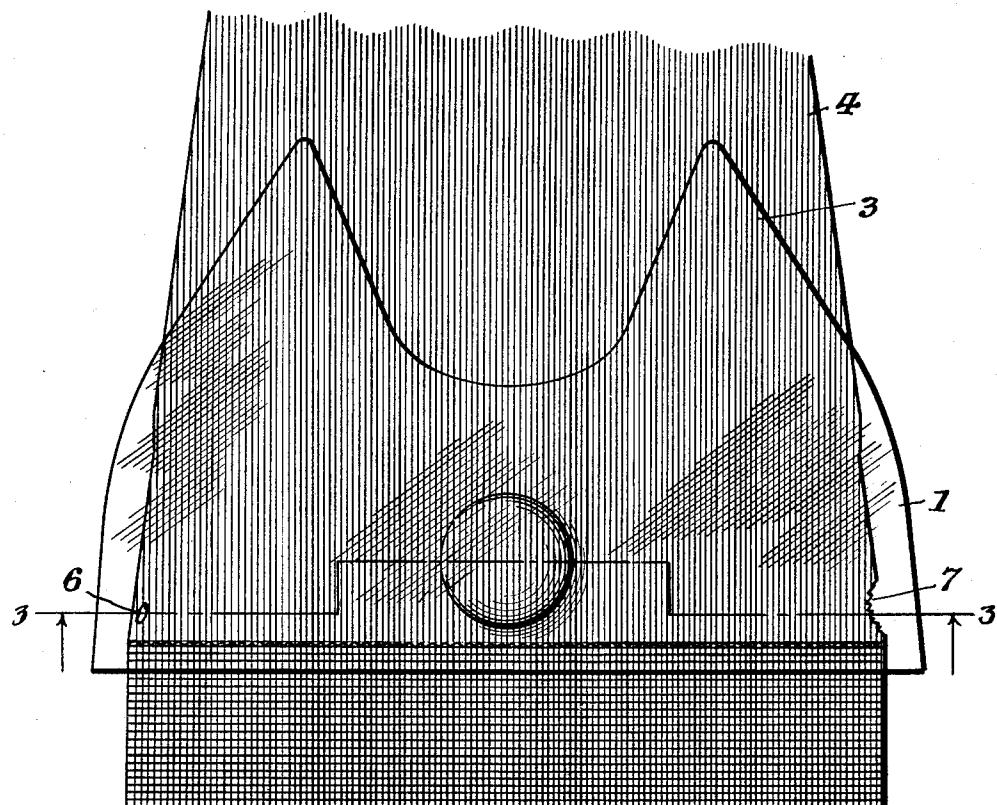
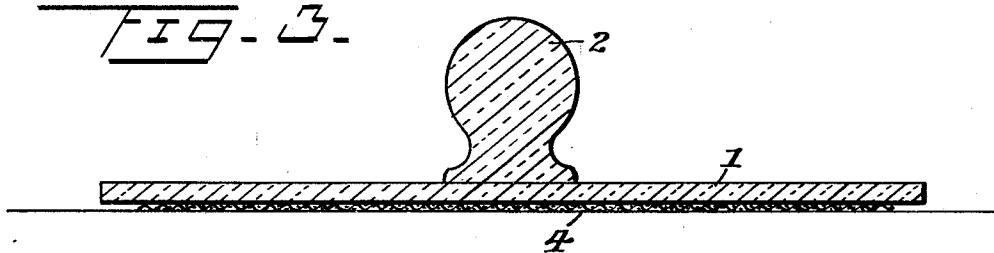


FIG. 3.



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## UNITED STATES PATENT OFFICE

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## STOCKING INSPECTING DEVICE

Application filed August 6, 1930. Serial No. 473,432.

This invention relates to inspecting devices and more particularly to a device by the use of which leg blanks of full fashioned stockings may be examined in order to discover defects.

When a leg of a full fashioned stocking is removed from the legger it usually rolls transversely from one or both sides. This makes it difficult to inspect the legs in order to discover defects and therefore, one object of this invention is to provide a device by means of which not only the body portion of the leg but also the heel tabs may be held flat and thereby easily and quickly inspected.

Another object of the invention is to so form the inspecting device that it may be set upon a leg blank and moved longitudinally along the same, thereby progressively flattening the blank for its full width and permitting all portions of the blank to be inspected.

Another object of the invention is to provide a device of this character which is very simple in construction and easy to operate.

The invention is illustrated in the accompanying drawings wherein:

Figure 1 is a view showing the device in use.

Figure 2 is a view showing the inspecting device shifted to another position upon a stocking, and

Figure 3 is a sectional view taken along the line 3-3 of Figure 2.

This improved inspecting device is referred to as a device for inspecting leg blanks of full fashioned stockings but it is to be understood that it could be used for inspecting any fabric article. It will be also understood that the outline and dimensions of the device may be varied as found necessary.

This device which is indicated in general by the numeral 1 is formed of transparent material such as glass and is in the form of a sheet having sufficient thickness to impart the necessary weight. This sheet is of greater width than the stocking or other article to be inspected and intermediate its width carries a handle 2 by means of which it may be easily set in place and moved along the stocking. The lower portion of the sheet may be

of an even width but it is preferably reduced slightly in width. The side edges of the sheet then curve inwardly and merge into the outer side edges of arms 3 which extend longitudinally of the sheet and form the upper portion thereof. These arms are spaced from each other transversely of the sheet and taper upwardly. It should be noted that the arms are so spaced and of such shape that when the device is set in place upon a stocking as shown in full lines in Figure 1, the upper ends of the arms will be disposed midway the side edges thereof. Therefore, the device may be moved along the stocking blank and the portion of the blank upon which it rests will be held flat and smooth so that the blank may be seen for its full width and defects easily detected.

In Figures 1 and 2 the device has been shown in various positions occupied during inspection of a leg blank and it will be understood that during inspection the device is set in place upon a stocking blank and slid along the stocking longitudinally thereof. In Figure 2 the device is shown in place near the top of the stocking leg and at one side thereof is shown a small narrowing hole 6 while at its other side is shown at 7 a defect in the welt. The position indicated by dotted lines in Figure 1 shows that the device has been shifted longitudinally of the stocking from the position of Figure 2 toward the position shown in full lines in Figure 1. Defects in the selvage are indicated at 8 and 9 and at 10 and 11 are shown a bad selvage on the inside of one heel top 5 and hole in the outside selvage of the other heel top. Since the device consists of a thick sheet of plate glass and has tapered arms it can be set upon one end portion of a leg blank after unrolling this end of the blank and as the device is shifted along the blank, the blank will be spread by the arms and held flat by the weight of the device. When the device is in the position shown in full lines in Figure 1 the arms serve to unroll and flatten the heel tops 5. Therefore, all portions of the blank will be spread and held in a flattened condition during inspection and defects easily detected. I have therefore provided a device

which increases ease and speed of inspection and have further provided a device for this purpose which is very simple in construction and easy to operate.

5 While I have shown the preferred embodiment of my invention, it is to be understood that various changes in the size, shape and arrangement of parts may be resorted to without departing from the spirit of the invention and the scope of the appended claims.

10 Having described the invention what I claim is:

1. An inspecting device for a leg blank of a stocking comprising a sheet of transparent material of a greater width at one end than the stocking blank and having its other end formed with longitudinally extending arms spaced transversely from each other.

15 2. An inspecting device for a leg blank of a stocking comprising a sheet of transparent material of greater width at one end than the stocking blank and having its other end formed with longitudinally extending arms tapered towards their free ends.

20 3. An inspecting device for a leg blank of a stocking comprising a sheet of transparent material of greater width at one end than the stocking blank, the sheet being of appreciable less depth than the length of a stocking blank and having its other end formed with longitudinally extending arms spaced transversely from each other and tapered towards their free ends and having their free ends spaced from each other a sufficient distance for the 25 arms to engage heel tops midway the side edges thereof.

30 In testimony whereof I affix my signature.  
ONERIME H. PONS.

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