

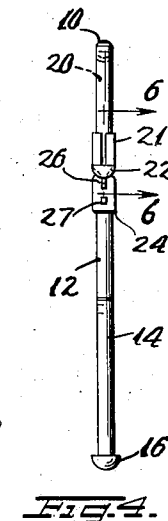
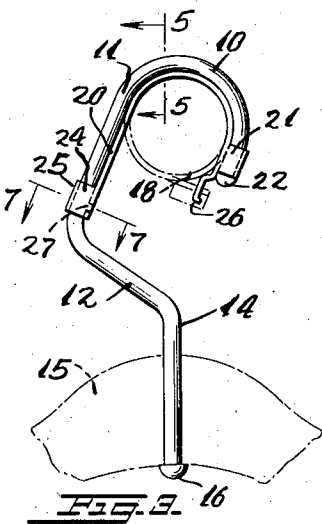
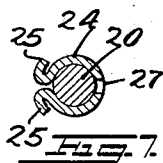
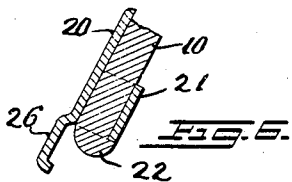
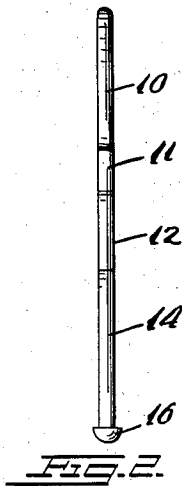
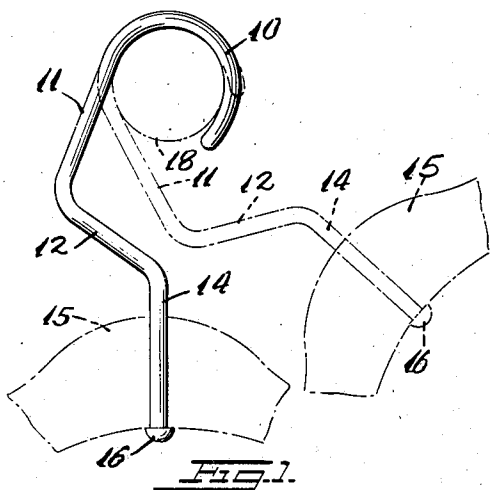
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HOOK FOR GARMENT HANGERS

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UNITED STATES PATENT OFFICE

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HOOK FOR GARMENT HANGERS

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6 Claims. (Cl. 24-230.5)

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This invention relates to new and useful improvements in a hook for garment hangers.

More specifically, the invention proposes a new and improved hook for a garment hanger which is so constructed as to reduce the possibility of the garment hanger falling off of the usual hanger support rod.

More specifically, the invention proposes to form the new and improved hook from a strand of heavy stiff wire, and to provide it with a circular top hook portion extending approximately 225 degrees and continuing into a downwardly and backwardly extending stem top portion disposed at an approximate 30 degrees to the vertical. With this arrangement the hook of the hanger may assume positions forwards and rearwards without the hook coming off of the hanger rod.

The invention also proposes another embodiment in which a small flexible strip is mounted upon the hook and is capable of encircling the hanger rod for securely holding the hanger from coming off.

Still further the invention proposes the construction of a new and improved hook for garment hangers which is simple, and which may be manufactured and sold at a low cost.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claims in which the various novel features of the invention are more particularly set forth.

In the accompanying drawings forming a material part of this disclosure—

Fig. 1 is an elevational view of a hook for garment hangers constructed in accordance with this invention, and schematically illustrated associated with the shoulder portion of a hanger.

Fig. 2 is an edge elevational view of the hook shown in Fig. 1.

Fig. 3 is a side elevational view of a hanger for garments constructed in accordance with a modified form of this invention.

Fig. 4 is an edge elevational view of the hanger shown in Fig. 3.

Fig. 5 is a fragmentary vertical sectional view taken on the line 5-5 of Fig. 3.

Fig. 6 is a fragmentary enlarged sectional view taken on the line 6-6 of Fig. 4.

Fig. 7 is a fragmentary enlarged horizontal sectional view taken on the line 7-7 of Fig. 3.

The new and improved hook for garment hangers, in accordance with that form of the invention illustrated in Figs. 1 and 2, is constructed

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from a strand of heavy stiff wire, and is provided with a circular top hook portion 10 extending approximately 225 degrees and continuing at a tangent from the portion 10 into a downwardly and backwardly extending stem top portion 11 disposed on approximately 30 degrees to the vertical. The stem top portion 11 continues into a downwardly and forwardly extending stem central portion 12 which continues into a vertical downwardly extending stem bottom portion 14. The bottom portion 14 is intended to engage through the usual shoulder support portion 15 of a garment hanger; the shoulder portion 15 being illustrated with dot and dash lines. The bottom end of the stem bottom portion 14 is formed with a head 16 for supporting the shoulder support portion 15.

The top hook portion 10 is intended to engage upon the usual hanger rod illustrated by the dot and dash lines 18. When engaged on the hanger rod, the garment hanger hook may swing forwards and rearwards through quite an amplitude, as for example indicated by the dot and dash lines representing a second position in Fig. 1, without the hook coming off of the hanger rod 18. This new and improved hook will prevent the garment hanger from easily falling off hanger rods.

In Figs. 3 to 7 inclusive another embodiment of the invention has been disclosed which is very similar to the prior form distinguishing merely in the fact that a flexible strip 20 extends along the bottom or inner faces of the hook portion 10 and the stem top portion 11 and is attached at its front end by a permanently closed clamp portion 21 to the end of the hook portion 10. The extremity of the hook portion 10 is formed with a small head 22 to prevent the clamp portion 21 from slipping off. The flexible strip 20 is provided with another clamp portion 24 at its rear end which releasably engages upon the downwardly and backwardly extending stem top portion 11.

The clamp portion 24 yieldingly opens and has its ends 25 flared outwardly so as to facilitate its engagement and its disengagement from said downwardly and backwardly extending stem top portion 11. It is merely necessary to force the clamp portion 24 on or off the stem top portion 11 for engaging and disengaging it, as desired. The end portions of the strip 20 are associated with means for releasably connecting them together for holding the strip portion 20 about the hanger rod 18. This means is in the nature of a hook portion 26 which projects from the outer

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end of the clamp portion 21. This hook portion 26 is cooperative with a keeper opening 27 formed in the back of the clamp 24. The dot and dash lines at the top in Fig. 3 illustrate the manner in which the flexible strip 20 may be bent around the hanger rod 18 and may be held in this position by engaging the hook portion 26 with the keeper opening 27.

While I have illustrated and described the preferred embodiments of my invention, it is to be understood that I do not limit myself to the precise constructions herein disclosed and the right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claims.

Having thus described my invention, what I claim as new and desire to secure by United States Letters Patent is:

1. A hook for garment hangers, comprising a strand of heavy stiff wire having a top hook portion extending approximately 225 degrees in circular shape from a point beginning at an open front side of the hook and continuing into a downwardly and backwardly extending stem top portion disposed at approximately 30 degrees to the vertical and tangent to said hook portion, said stem top portion continuing into a downwardly and forwardly extending stem central portion continuing into a vertically downwardly extending stem bottom portion, a flexible strip extending along and in contact with the inner faces of said hook portion and said stem top portion and being permanently attached at its front end to the bottom end of said hook portion, and means for releasably connecting the ends of said strip together for holding said strip about a hanger rod.

2. A hook for garment hangers, comprising a strand of heavy stiff wire having a top hook portion extending approximately 225 degrees in circular shape from a point beginning at an open front side of the hook and continuing into a downwardly and backwardly extending stem top portion disposed at approximately 30 degrees to the vertical and tangent to said hook portion, said stem top portion continuing into a downwardly and forwardly extending stem central portion continuing into a vertically downwardly extending stem bottom portion, a flexible strip extending along and in contact with the inner faces of said hook portion and said stem top portion and being permanently attached at its front end to the bottom end of said hook portion, and means for releasably connecting the ends of said strip together for holding said strip about a hanger rod, comprising a hook portion projecting from one end of said flexible strip and cooperating with a keeper opening in the other end of said flexible strip.

3. A hook for garment hangers, comprising a strand of heavy stiff wire having a top hook portion extending approximately 225 degrees in circular shape from a point beginning at an open front side of the hook and continuing into a downwardly and backwardly extending stem top portion disposed at approximately 30 degrees to the vertical and tangent to said hook portion, said stem top portion continuing into a downwardly and forwardly extending stem central portion continuing into a vertically downwardly extending stem bottom portion, a flexible strip extending along and in contact with the inner faces of said hook portion and said stem top portion and being permanently attached at its front end to the bottom end of said hook portion, and means for releasably connecting the ends of said strip

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together for holding said strip about a hanger rod, the front end of said flexible strip being formed with a clamp which engages the end of said top hook portion.

4. A hook for garment hangers, comprising a strand of heavy stiff wire having a top hook portion extending approximately 225 degrees in circular shape from a point beginning at an open front side of the hook and continuing into a downwardly and backwardly extending stem top portion disposed at approximately 30 degrees to the vertical and tangent to said hook portion, said stem top portion continuing into a downwardly and forwardly extending stem central portion continuing into a vertically downwardly extending stem bottom portion a flexible strip extending along and in contact with the inner faces of the hook portions, the front end of said flexible strip being formed with a clamp which engages the end of said top hook portion, and the extremity of said top portion being enlarged to prevent said clamp from slipping off.

5. A hook for garment hangers, comprising a strand of heavy stiff wire having a top hook portion extending approximately 225 degrees in circular shape from a point beginning at an open front side of the hook and continuing into a downwardly and backwardly extending stem top portion disposed at approximately 30 degrees to the vertical and tangent to said hook portion, said stem top portion continuing into a downwardly and forwardly extending stem central portion continuing into a vertically downwardly extending stem bottom portion a flexible strip extending along and in contact with the inner faces of the hook portions, the front end of said flexible strip being formed with a clamp which engages the end of said top hook portion, and the back end of said flexible strip being formed with a resilient clamp having flared ends by which it may be forced on to and pulled off of said downwardly and rearwardly extending stem top portion.

6. A garment hanger hook for engagement with a support rod, comprising a continuous length of relatively stiff material having at one end a vertical stem portion for attachment at its lower end to a garment hanger, said stem portion continuing at its top end into a rearwardly and upwardly extending central portion forming an obtuse angle with said stem portion, said central portion continuing at its top end into a forwardly and upwardly extending top portion forming substantially a right angle with said stem portion, said top portion having its free end substantially over the junction of said stem portion and said central portion and continuing into a forwardly extended semi-circular hook portion having a diameter substantially equal to the diameter of the support rod, said hook portion having its free end directed downward and rearward parallel to said top portion and toward the junction of said stem portion and said central portion and spaced from said junction a distance greater than the diameter of the support rod, whereby the hanger hook can be engaged with the support rod by moving the hook relative to the support rod so that the rod passes between said free end and said junction until engaged by said top portion after which the hanger hook is moved downward in a direction parallel to said top portion engaging said hook portion over the support rod.

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