Feb. 10, 1953 H. M. SMITH 2,628,006

GARMENT HANGER

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FIG. 1

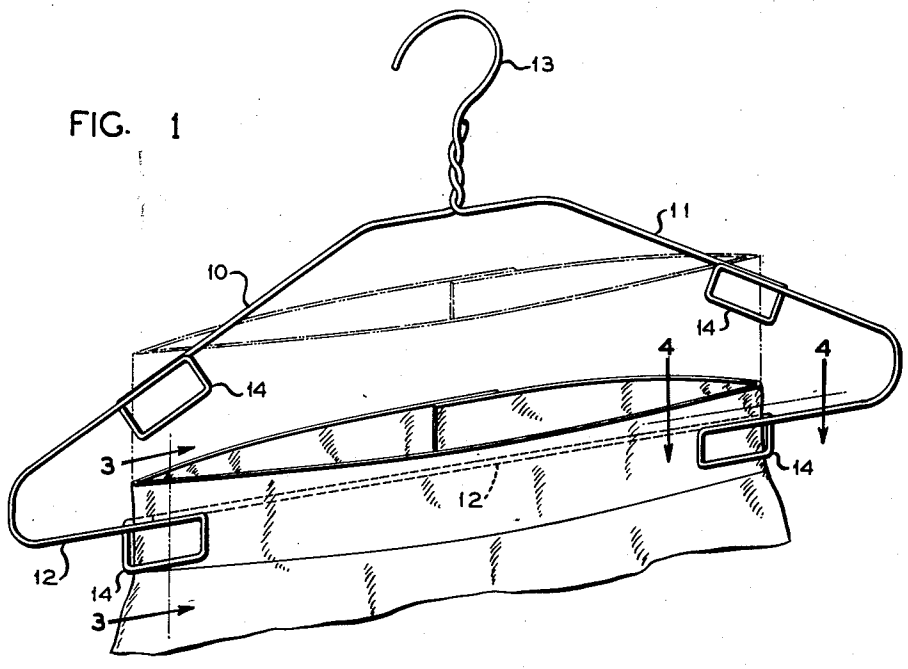


FIG. 2



FIG. 3

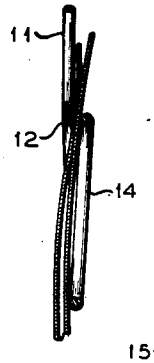


FIG. 4

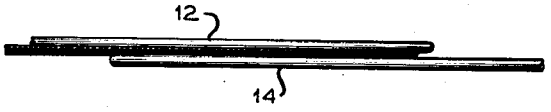


FIG. 5

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GARMENT HANGER

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4 Claims. (Cl. 223—91)

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This invention relates to article hangers and more particularly to hangers or suspension devices of wire or rod stock in the form of the usual coat or garment hangers or of other desired configuration and provided with gripping portions for retaining under pressure relatively thin articles or objects.

Many hangers of various kinds have been produced which have been more or less satisfactory, however, the present invention contemplates an improved hanger from the viewpoint of production, construction and operation.

It is an object of this invention to provide a supporting device similar to a conventional clothes hanger but which by the nature of its design and construction is adapted not only to support articles susceptible of being draped thereover such as a coat or the like but which is also capable of gripping and supporting articles of other kinds.

Another object of the invention is to provide a durable, lightweight, efficient clothes hanger capable of being produced in large quantities at minimum cost from readily obtainable material.

A further object of the invention is to provide a hanger of a continuous length of wire or rod stock and of a configuration corresponding to a conventional coat hanger or which may be strung out as a single line with a plurality of gripping portions spaced along the same.

Further objects and advantages of the invention will be apparent from the following description taken in conjunction with the accompanying drawings, wherein:

Fig. 1 is a perspective illustrating one application of the invention and its manner of use;

Fig. 2, a bottom plan view;

Fig. 3, a section on the line 3—3 of Fig. 1;

Fig. 4, a section on the line 4—4 of Fig. 1; and,

Fig. 5, a perspective of a modified type of hanger.

Briefly stated, the invention comprises a hanger which may be in the form of a continuous length of wire or rod stock having its end portions twisted together and with one of such end portions extending and constituting a curved supporting hook, such hanger having side or shoulder portions connected by a lower horizontal reach and with the continuous length including a series of gripping loops advantageously located, as for example, one along each shoulder portion and another in said reach adjacent each loop in each shoulder portion. If desired, instead of being in the form of a conventional hanger, the length of wire or rod stock may be in the form of a clothes line with spaced gripping

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portions of the character of the gripping portions in the hanger just described. The gripping portions comprise loops of substantially rectangular shape with portions along the length of the wire duplicated to form gripping or clamping jaws for holding articles therebetween.

With continued reference to the drawing, there is disclosed in Fig. 1 a coat or garment hanger of conventional configuration and formed of wire or rod stock having converging shoulders 10 and 11, a horizontal reach 12 and hook 13. The horizontal and shoulder portions are provided with gripping or clamping members 14 located in conveniently spaced relation.

Each gripping or clamping element is of rectangular configuration with one of its long sides composed of two parallel portions each formed integrally with the remaining portion of the hanger. The parallel portions are connected at their opposite ends by the right angular ends of the rectangle, which ends are joined at the opposite side of the rectangle from the parallel portions by a single integral portion. The right angular ends and opposite side of said rectangle form a bight portion with spaced legs. Due to the integral nature of the structure the parallel members which form one side of the rectangular clamping portions are maintained in relatively close contact on account of the resiliency of the wire or rod stock of which the hanger is constructed and by exerting pressure on the rectangular portion substantially at right angles to the plane of the rectangle, these parallel portions may be separated sufficiently to allow insertion of the article or articles desired to be suspended. Also, the length of the rectangle is dependent upon the stiffness and resiliency of the stock from which the device is constructed with the result that the amount of force necessary to space the parallel portions to permit the insertion of the article and the gripping action of the parallel portions of the rectangle will all be proportionate.

While I have shown in Fig. 1 a coat or garment hanger with gripping portions of the character described, instead of a hanger of this character a hanger of any desired type may be produced such as, for example, that illustrated in Fig. 5 wherein a straight line 15 is employed having spaced gripping elements of the character disclosed located in spaced relation along the length of the same. As shown, various articles 16 may be suspended from the line 15 by the gripping members 14. In using a long length of wire the parallel contacting portions of the

gripping members 14 may have a tendency to separate due to sag in the wire and to counteract this tendency there may be provided retaining means in the form of wire loops of clips 17 which embrace the parallel gripping portions.

It will be obvious to those skilled in the art that various changes may be made in this invention without departing from the spirit and scope thereof and therefore the invention is not limited by that which is shown in the drawings and described in the specification but only as indicated in the appended claims.

What is claimed is:

1. A garment hanger comprising a rod having a reach, a pair of spaced loops integrally formed from said rod at each end of said reach, each of said loops including a bight portion having spaced legs, one of said legs projecting transversely of said reach, and a rod portion secured to the other leg of the bight portion, said rod portion extending in substantially parallel relation to said reach and in substantially abutting relation therewith to provide a gripping action over a substantial portion of said reach and said rod portion, said loops being arranged so that the rod portion of each loop is on the same side of the reach.

2. A garment hanger comprising a rod having a reach, a pair of spaced loops integrally formed from said rod at each end of said reach, each of said loops including a bight portion having spaced legs, one of said legs projecting transversely of said reach, and a rod portion secured to the other leg of the bight portion, said rod portion extending in substantially parallel relation to said reach and in substantially abutting relation therewith to provide a gripping action over a substantial portion of said reach and said rod portion, said loops being arranged so that the rod portion of each loop is on the same side of the reach, and means embracing said reach and rod portion for maintaining them in operative relation.

3. A garment hanger comprising a rod having a reach, a pair of spaced loops formed integrally from said rod at each end of said reach, each of said loops including a bight portion having spaced legs, one of said legs projecting transversely of said reach, and a rod portion secured to the other leg of the bight portion, said rod portion extending in substantially parallel relation to said reach and in substantially abutting

relation therewith to provide a gripping action over a substantial portion of said reach and said rod portion, said loops being arranged so that the rod portions of each loop are on the same side of the reach, a pair of shoulder engaging rod sections extending from said rod portions and converging, each of said rod sections having a loop formed at its end remote from its respective rod portion with a bight portion having one leg extending transversely of said rod section and a rod section portion secured to the other leg of each of said rod section loops, each of said lops having its rod section and rod section portion in abutting relation.

4. A garment hanger comprising a rod having a reach, a pair of spaced loops formed integrally from said rod at each end of said reach, each of said loops including a bight portion having spaced legs, one of said legs projecting transversely of said reach, and a rod portion secured to the other leg of the bight portion, said rod portion extending in substantially parallel relation to said reach and in substantially abutting relation therewith to provide a gripping action over a substantial portion of said reach and said rod portion, said loops being arranged so that the rod portions of each loop are on the same side of said reach, a pair of shoulder engaging rod sections extending from said rod portions and converging, each of said rod sections having a loop formed at its end remote from its respective rod portion with a bight portion having one leg extending transversely of said rod section, a rod section portion secured to the other leg of each of said rod section loops, each of said loops having its rod section and rod section portion in abutting relation, said rod section portions of each of said loops being on the same side of said rod sections, said loops of said reach and rod sections being in substantial vertical alignment whereby a single garment may be secured in both pairs of loops.

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