June 14, 1938. H. J. FALLOT 2,120,436

ADJUSTABLE TELESCOPING HANGER FOR DRYING CLOTHES

Filed Aug. 25, 1936

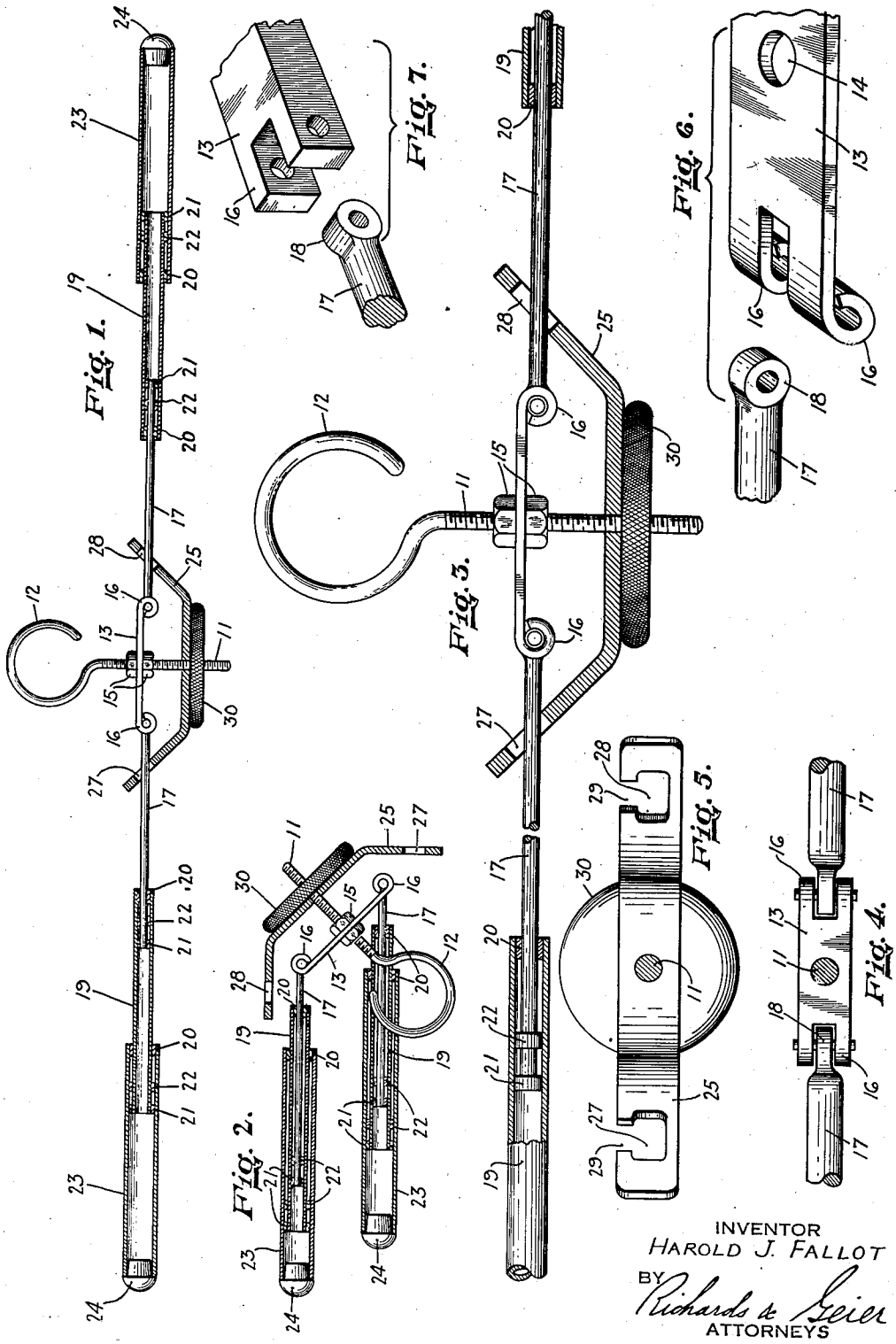


Fig. 1.

Fig. 2.

Fig. 3.

Fig. 4.

Fig. 5.

Fig. 6.

Fig. 7.

INVENTOR
HAROLD J. FALLOT
BY Richards & Geier
ATTORNEYS

Patented June 14, 1938 2,120,436

UNITED STATES PATENT OFFICE

2,120,436

ADJUSTABLE TELESCOPING HANGER FOR DRYING CLOTHES

Harold J. Fallot, Teaneck, N. J.

Application August 25, 1936, Serial No. 97,767

2 Claims. (Cl. 211—118)

The subject of this invention is a new and improved adjustable and telescoping hanger for clothes, and in particular for such wet and laundered pieces of clothes as sweaters, which are hung into the air for drying whilst still in comparatively wet condition and consequently rather heavy.

It is the main object of the invention to provide a new and improved hanger of the said kind, which secures a more uniform drying, prevents the formation of wrinkles in the arms and keeps such sweater or the like in perfect shape whilst it is being dried. In order to obtain such results I devised first of all, a hanger of much larger span than that of the usual clothes hangers, so that the arms of the clothing can be kept spaced or straddled away from the body part of the clothing. Another object of the invention is to make the hanger adjustable to different sizes of clothing, to which end I devised to make the arms adjustable as to their length. Furthermore, in order to prevent the formation of wrinkles in the arms and in the body part of the clothing during the drying process, I devised to make the arms adjustable as to their length. Furthermore, still another object of the invention is to provide a hanger, which in spite of its great span is not bulky, but on the contrary, less spacious, so that it is handy in travellers' luggage and for storage. To obtain this latter and the before mentioned objects of the invention, I devised a telescoping construction of the arms of the hanger, and further I devised a hinged connection between the two arms of the hanger, and further I devised a hinged connection between the two arms and the central part of the hanger, which hinge connection allows the two arms to be swung up close to the central hook-forming part and to each other, in which folded position the hanger takes very little space. In order to fix and to support the two arms of the hanger when spread out for use, and to set them for exact position for a wrinkle-less drying process, I devised further certain adjusting means in connection with the central part and with the braced arms of the hanger.

In the drawing I have shown a preferred embodiment of the invention, in which the arms consist of three telescoping parts.

In the drawing

Figures 1 and 2 are elevational views of the new and improved hanger in its unfolded and in its folded position respectively.

Figure 3 is an enlarged partial view of the unfolded and telescopically partly spread hanger.

Figure 4 is a top view on the central part holding the two arms hinged to it.

Figure 5 is a top view on the means for setting and supporting the spread arms of the holder.

Figure 6 is a perspective view of the hinge between an arm and the central part holding it.

Figure 7 is a modification of the hinge shown in Figure 6.

Referring now in particular to the details of the shown embodiment the central part contains the screw-threaded shaft **11** with an upper approximately ring-shaped hook **12**, of the usual form. An elongated rectangular plate or band **13**, having a hole **14** in its middle part is passed over the threaded shaft **11** and fixed thereto by the means of two nuts **15**. The two ends of the plate or band **13** are slotted longitudinally and the formed two lateral stripes are rolled so as to form eyelets **16** of a hinge. On each side of the hanger a rod **17** of preferably circular cross-section is provided with an ear **18**, which fits between the two opposite eyelets **16**, so that the insertion of a bolt thru these parts hinges the arm to the central part. A tube **19** is passed over the rod **17** from its other end, and slidable on the rod, so that the tube, when shifted to the rod's end, forms a prolongation of that hanger arm. The end of the tube **19**, which is the nearer to the central part of the hanger, is provided with an inner reinforcing ring **20**, and the outer or remote end of the rod **17** is provided with an outer thickening shoulder ring **21**, near to which another similar ring or shoulder **22** is fixed on the rod **17**, the three thickenings or shoulder-rings serving to limit the outer telescoping movement between the tube **19** and the rod **17**. In the shown embodiment of the invention, the tube **19** likewise is surrounded by a somewhat wider tube **23**, with reinforcing and positioning shoulder rings **20**, **21**, and **22**, being provided on the two tubes **19** and **23**, and with a knob **24** being inserted into the extreme end of the last tube **23**. The three telescoping parts **17**, **19**, **23** of each hanger arm may be either unfolded according to the span of the clothes to be hanged up for drying, as shown in the Figure 1, or they may be folded together as shown in the Figure 2, if the hanger is not used and shall be stowed away.

The means for setting and supporting the spread arms of the holder, as used in the illustrated embodiment of the invention, comprise a rectangular bar **25** with a hole **26** in its middle for the passage of the threaded holder stem or shaft **11**, the outer parts of which bar are bent

up, as shown in Figures 2 and 3; in the upwardly bent parts of the bar **25**, near to the ends, there are two window like holes, **27**, **28**, with the one side wall of each window opening partly cut away, so as to form passages **29**, through which the arms **17** may be entered from the sides into the window openings **27**, **28**, or may be swung out of them. Below the middle part of the bar **25**, a large but comparatively flat knob or disk **30** with a knurled circumference and with a screw threaded central hole is screwed on the hanger shaft **11**. By screwing this disk up or down on the shaft the bar **25** is correspondingly raised or lowered, and the two hanger arms are set to the desired height and inclination.

It is evident that the invention is not limited to the described and illustrated embodiment, but different changes may be made as to the constructional details and as to the arrangement of the different parts, whilst nevertheless remaining within the scope of protection of the claims, which are as follows:

1. An adjustable coat hanger, comprising in combination: a central hanger hook with a straight and screw threaded stem; a central arm carrying bar fixed to the said hanger stem, telescoping hanger arms hinged to the said arm carrying bar; an arm setting and supporting bar with a central hole receiving said hanger stem and with upturned ends having means for supporting and setting the hanger arms; and a setting knob or disk with a central threaded bore screwed on the hanger stem for engagement with said arm setting and supporting bar for raising or lowering the arm supporting bar on the hanger stem.

2. An adjustable coat hanger, comprising in combination: a central hanger hook with a straight and screw threaded stem; a central arm carrying bar fixed to the said hanger stem; telescoping hanger arms hinged to the said arm carrying bar; an arm setting and supporting bar with a central hole for the passage of the hanger stem and with upturned ends for supporting and setting the hanger arms; window like holes with the one side wall of each window opening partly cut away at the ends of the last mentioned arm supporting bar for engaging or disengaging the holder arms; and a setting knob or disk screwable on the hanger stem for engagement with the arm supporting bar for raising or lowering the arm supporting bar on the hanger stem.

HAROLD J. FALLOT.