Apr. 24, 1923. 1,453,000

C. F. BRINKMAN

COLLAPSIBLE COAT HANGER

Filed May 8, 1922

Fig. 1.

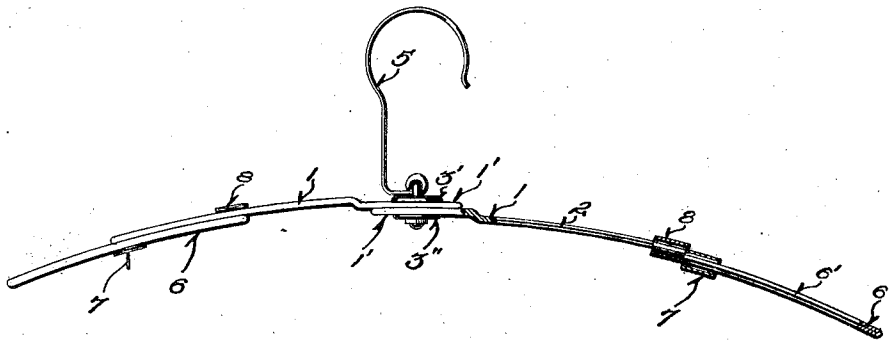


Fig. 2.

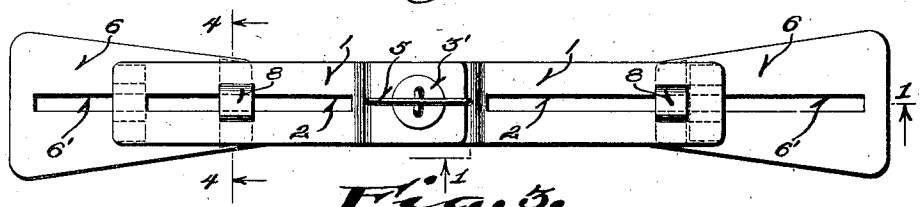


Fig. 3.

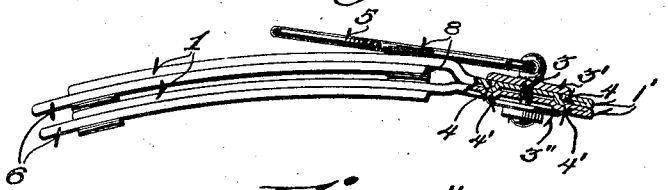
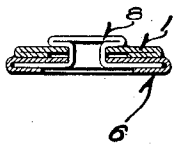


Fig. 4.



Witness!
Erwin B. Eiring

Inventor!
Carl F. Brinkman

By Fanning Fanning
Attorneys!

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UNITED STATES PATENT OFFICE.

CARL F. BRINKMAN, OF MILWAUKEE, WISCONSIN.

COLLAPSIBLE COAT HANGER.

Application filed May 8, 1922. Serial No. 559,200.

To all whom it may concern:

Be it known that I, CARL F. BRINKMAN, a citizen of the United States, and resident of Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented certain new and useful Improvements in Collapsible Coat Hangers; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention refers to coat-hangers and it has for its object to provide a simple, economical and effective coat-hanger which can be adjusted as to width and can also be folded in a compact body, approximating one-quarter of its extreme length, whereby the same can be conveniently carried in a small space.

Another object of my invention is to provide a coat-hanger which is formed from reinforced sheet metal composed of two pairs of collapsible units, one of each pair being in pivotal connection, while the other set of units is adjusted longitudinally of the pivoted set.

With the above and other minor objects in view, the invention consists in certain peculiarities of construction and combination of parts, as will be hereinafter fully set forth and subsequently claimed.

In the drawing:—

Figure 1 represents a side elevation of a coat-hanger embodying the features of my invention, the same being partly in section as indicated by line 1—1 of Figure 2.

Figure 2 is a plan view of the coat-hanger distended in a functioning position.

Figure 3 is a side elevation of the coat-hanger in its folded position for packing purposes, the pivoted connection between the parts being broken away and in section to illustrate details in construction of said pivot, and

Figure 4 is a detail cross section of the hanger, the section being indicated by line 4—4 of Figure 2.

Referring by characters to the drawings, 1—1 represent sheet metal bow-strip units of the hanger, the edges of which are folded over to add strength and finish to them, as best shown in Figure 4. The bow-strip units are provided with longitudinal slots 2 and their inner ends 1′ are slightly off-set in opposite directions and provided with alined apertures for the reception of a pivot bolt 3, the pivoted parts being drawn together and frictionally held by upper and lower washers 3′—3″.

When the bow-strip units are distended in alinement for functioning, as shown in Figures 1 and 2 of the drawings, they are frictionally held against twisting upon their pivot by tits 4 formed in the inner end of one of the units, which tits are nested in indentures 4′ formed in the lower inner end of the other unit, there being sufficient spring in the metal to permit folding of the bow-strips one upon the other when it is desired to collapse the hanger.

The pivot bolt 3 is provided with an eye for the reception of an off-set hanger hook 5. The hanger is also provided with a pair of shoulder-strips 6—6, which shoulder-strips are also formed with longitudinal slots 6′, which are alined with the slots 2 of the pivoted bow-strip members or units.

The end of each bow-strip unit 1 has depending therefrom T-shaped lugs 7—7 and these lugs are in sliding engagement with the shoulder-strip slots. The shoulder-strips 6 in turn have similar T-shaped lugs 8—8 extending upwardly therefrom for sliding engagement with the slots 2 of the bow-strips, as shown. It is understood that the shoulder-strips are, also, formed from sheet metal blanks folded upon their edges to eliminate sharp corners and to also stiffen the structure, whereby it can be manufactured from light metal at a reduced cost.

When it is desired to adjust the hanger for different sizes of garments, obviously the shoulder-strips can be moved in or out so as to widen or narrow the hanger. When it is desired to fold the hanger for packing purposes, as best shown in Figure 3, the shoulder units are first moved inwardly in telescopic union with the bow-strip units and thereafter the bow-strip units may be swung upon their pivot connection in such manner that the entire structure will be nested and assume a length approximately one-quarter of the maximum width of the hanger when fully distended.

It will be noted that the off-set ends 1′ of the bow-strips form a clearance space between the bow-strip units 1—1 when folded, whereby one of the end or shoulder-strips is nested therebetween.

While I have shown and described one exemplification of my invention minutely as to details, it is understood that I may

vary the structure of it within the scope of the appended claim.

I claim:—

A foldable coat-hanger, comprising sheet metal bow-strips having longitudinal slots therein, the inner ends of the bow-strips being off-set and apertured, a pivot bolt engaging the apertures, tits extending from one of the off-set inner ends of the bow-strips for engagement with corresponding indentures in the outer off-set end of said bow-strips, said tits and depressions being diametrically arranged with respect to said pivot bolt, whereby said bow-strips are frictionally held in either extended or folded position, a hanger hook extending from the pivot bolt, T-shaped anchor lugs depending from the outer ends of the aforesaid bow-strips and alined with the slots therein, longitudinally adjustable shoulder-strips having slots therein for sliding engagement with the T-shaped lugs of the bow-strips, and T-shaped lugs projecting from the inner end of the shoulder-strips for engagement with the bow-strip slots, whereby the shoulder-strips are folded inwardly upon the bow-strips and the bow-strips are folded upon themselves about their pivot connection.

In testimony that I claim the foregoing I have hereunto set my hand at Milwaukee, in the county of Milwaukee and State of Wisconsin.

CARL F. BRINKMAN.