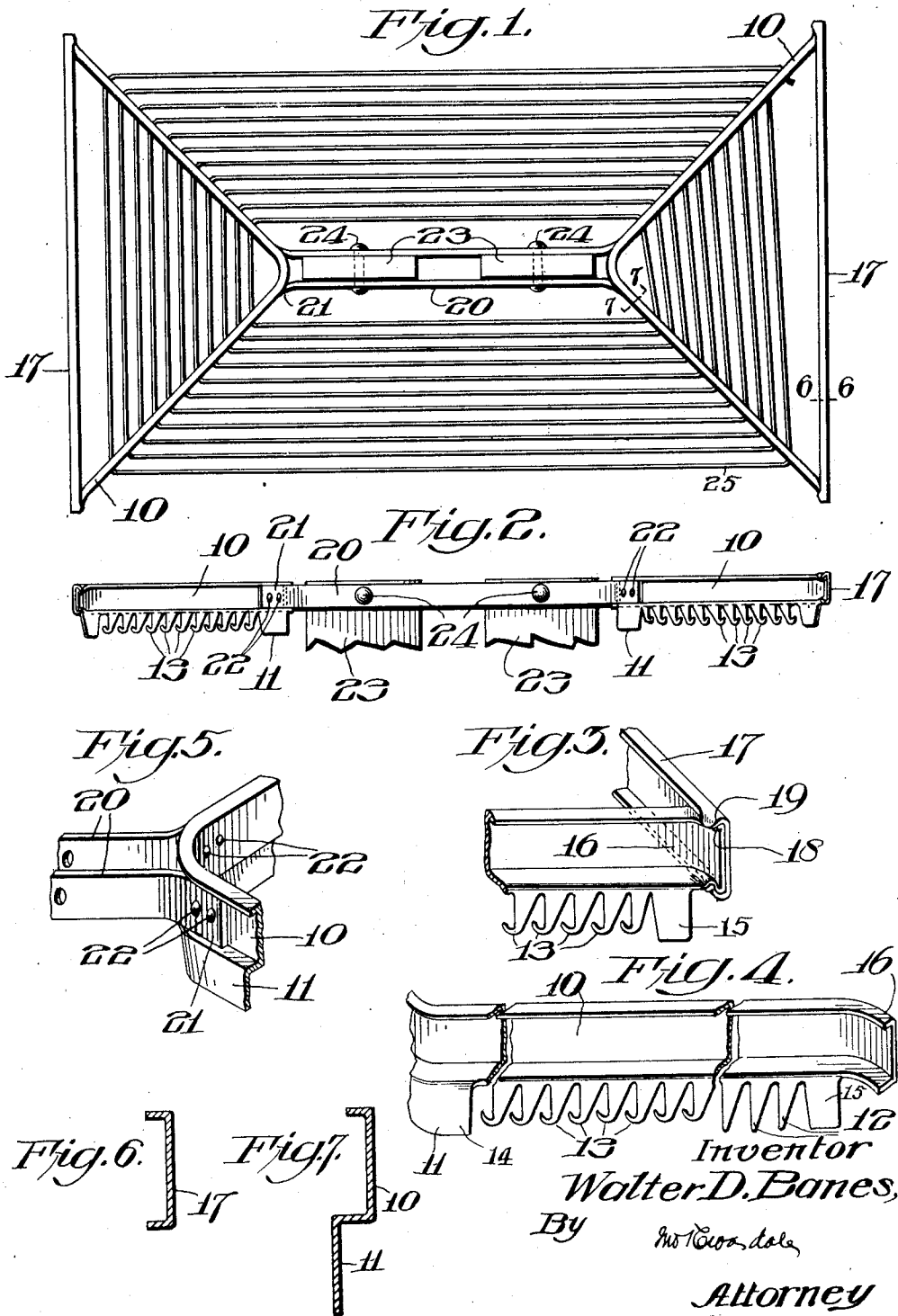


W. D. BANES.  
HANGER.  
APPLICATION FILED FEB. 8, 1919.

1,344,110.

Patented June 22, 1920.



Inventor  
Walter D. Banes,  
By *Proctor, Cole*  
Attorney

# UNITED STATES PATENT OFFICE.

WALTER D. BANES, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO GENERAL  
PRESSED METAL COMPANY, A CORPORATION OF PENNSYLVANIA.

## HANGER.

1,344,110.

Specification of Letters Patent.

Patented June 22, 1920.

Application filed February 8, 1919. Serial No. 275,762.

*To all whom it may concern:*

Be it known that I, WALTER D. BANES, a citizen of the United States, residing at Germantown, in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Hanger, of which the following is a specification.

The invention relates to improvements in hangers or frames for the support of fabrics, such for example as plush or velvet, so that the nap of said fabric shall not be impaired, when the same is packed or folded. The invention relates to structures devised to secure the selvages of the fabric, so that the fabric shall be supported by said selvages and so that the overlapping surfaces of the fabric shall not press or rub together and thereby injure the nap.

The object of the present invention is to provide improvements in such frame or hanger, so that the same shall be formed of a minimum amount of metal, for the most part thin sheet metal pressed into channel formation, and so as to be light in weight with a maximum of strength and rigidity.

The invention comprises improvements in the construction of the elements of said frame or hanger, improvements in the means for assembling the same, and improvements in means and method for securing the parts together at minimum expense and with maximum efficiency.

Referring to the drawings, which illustrate merely by way of example, suitable means for the embodiment of my invention—

Figure 1 is a plan view of a hanger or frame containing my invention.

Fig. 2 is a side elevation thereof.

Fig. 3 is a detail in perspective on an enlarged scale, showing means for securing the ends of two elements.

Fig. 4 is a fragmentary elevation of a portion of the V-shaped formation provided with the hooks, scale corresponding to that of Fig. 3.

Fig. 5 is a detail in perspective of another portion of the frame, same scale as Figs. 3 and 4.

Fig. 6 is a section on line 6, 6 of Fig. 1 on a still larger scale.

Fig. 7 is a section on line 7, 7 of Fig. 1 on same scale as Fig. 6.

Similar numerals refer to similar parts throughout the several views.

It will be understood that ordinarily two frames are used, similar to that shown in Figs. 1 and 2, connected by any suitable cross-pieces as at 23; one frame for each selvage of the piece of fabric. This invention relates to the construction and formation of the frame.

The V-shaped formations 10 are preferably of pressed sheet metal with the cross-section as shown in Fig. 7. That is the upper part forms a channel while the lower part is in the form of a downwardly extending flange or curtain 11. Out of the greater part of the extension of curtain 11 are stamped the serrations 12 as shown in Fig. 4. The lower ends of these serrations 12 are afterward bent up into the hook formations 13. This leaves the flanking ends 14 and 15 of curtain 11 with lower margins below the lower margins of hooks 13, thus forming a protection for said hooks 13.

The outer ends 16 of the V-shaped formations are connected to the cross bar or chord 17. This bar is in channel form, of cross-section as shown in Fig. 6. The outer ends of the channel formation of member 10 extend beyond the curtain part 11 and are flared or curved outwardly, as shown in Fig. 4, and adapted to seat in the channel of member 17, as shown in Fig. 3. The outer extreme edges or corners 18 and 19 of the flanges of said channel formations are crimped together in locking engagement as shown in Fig. 3, or other suitable means may be employed for securing said engagement. Thus it will be seen that the V-shaped formation 10 and the cross-bar or channel member 17 when secured together make a rigid closed substantially triangular frame.

The two parallel bars 20 are bent apart at their ends, as at 21, see Fig. 5, and are of such dimension as to fit in the channel of V-shaped member 10, near the apex thereof, where they are secured by the rivets 22 or other suitable means. These parallel bars are secured at points between their two ends, to the bars or supporting members 23 near the ends thereof by means of rivets 24 or other suitable means. It will be understood that another similar frame is secured to said members 23 near the other ends thereof. The hooks 13 of one frame extending toward the hooks of the other frame. The hooks of one V-shaped formation being directed away from the hooks of the other V-shaped

formation of the same frame. Upon these hooks 13 are secured the selvages of the fabric 25 arranged in spiral formation around the central supporting members 23.

- 5 The hanger constructed in accordance with my invention, is light in weight, uses a minimum amount of metal and at the same time is rigid and not liable to be distorted. The various parts are standardized and inter-  
10 changeable, thus adding to simplicity and low cost of construction.

What I claim is:—

1. In a hanger of the character described, the combination of two V-shaped members  
15 and connecting means thereof, said V-shaped members formed of channeled sheet metal provided with a curtain integral with and depending from one margin of the channel, said curtain formed into hooks between the  
20 two ends of each arm of the V.

2. In a hanger of the character described, the combination of two V-shaped members and connecting means therefor, said

V-shaped members formed of channeled sheet metal provided with a curtain integral  
25 with and depending from one margin of the channel, said curtain formed into hooks between the two ends of each arm of the V, with the curtain portions at each end of said arms projecting below the ends of the hooks  
30 to form guards therefor.

3. In a hanger of the character described, the combination of two V-shaped members and connecting means therefor, said  
35 V-shaped members formed of channeled sheet metal provided with a curtain integral with and depending from one margin of the channel, said curtain formed into hooks between the two ends of each arm of the V, and a chord of channeled sheet metal con-  
40 necting the free ends of the V, the ends of the chord fitting in the channeled ends of the V and said ends crimped together, substantially as described.

WALTER D. BANES.