May 29, 1923. 1,456,610

G. ROTTMAN

HANGER FOR MOTHPROOF BAGS

Filed Sept. 24, 1921

Fig:1.

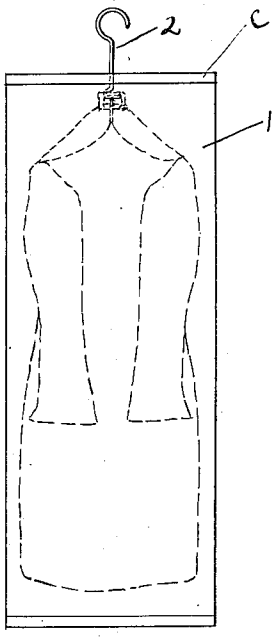


Fig:2.

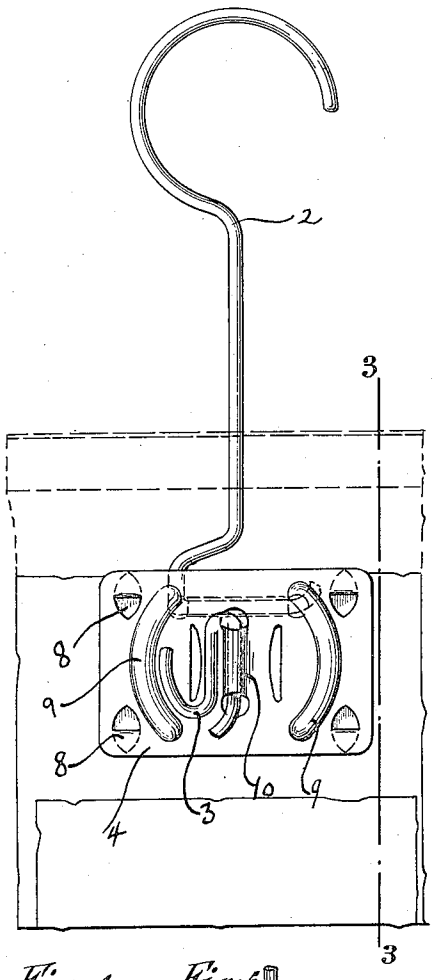


Fig:3.

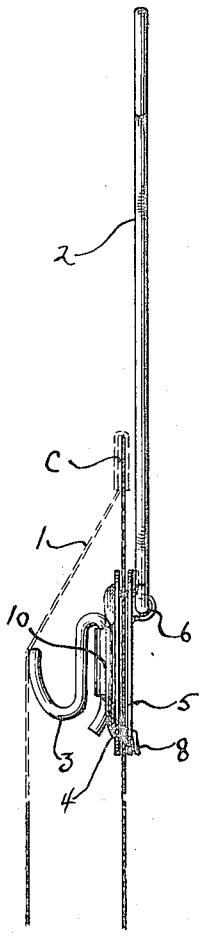


Fig:9.

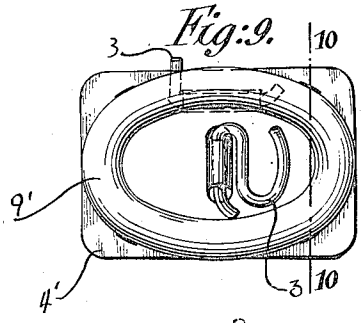


Fig:4.

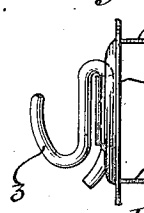


Fig:5.

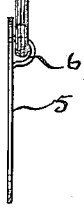


Fig:10.

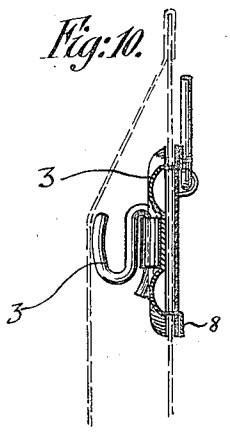


Fig:6.

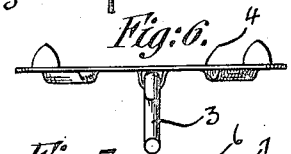


Fig:7.

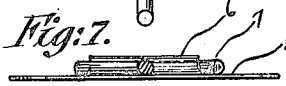
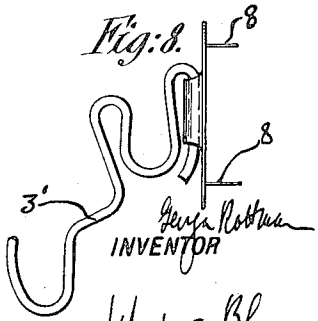


Fig:8.



George Rottman
INVENTOR

BY Wood & Blue
ATTORNEYS.

Patented May 29, 1923. 1,456,610

UNITED STATES PATENT OFFICE.

GEORGE ROTTMAN, OF NEW YORK, N. Y.

HANGER FOR MOTHPROOF BAGS.

Application filed September 24, 1921. Serial No. 502,973.

To all whom it may concern:

Be it known that I, GEORGE ROTTMAN, a citizen of the United States, residing at 175 Madison St., New York city, in the county of New York and State of New York, have invented certain new and useful Improvements in Hangers for Mothproof Bags, of which the following is a specification.

My invention relates to a new and improved attaching means for the hooks of paper bags, such as moth-proof bags or the like.

In manufacturing moth-proof and dust-proof bags, considerable difficulty has been hitherto experienced in securing the hook of the bag to the body thereof. When the weight of the garment was placed upon the hook, the bag frequently tore and very often a space was left between the hook and the bag, at the point where the hook passed through the bag, through which moths could enter.

One of the objects of my invention is to provide a new and improved attachment between a hook and a paper bag.

Another object of my invention is to provide a connection which shall be moth-proof.

Another object of my invention is to provide an attachment in which the inner part of the hook, that is, that part of the hook which is located within the bag, is protected by the body of the attachment itself.

Other objects of my invention will be set forth in the following description and drawings which illustrate a preferred embodiment thereof.

Fig. 1 is an elevation showing the complete device.

Fig. 2 is a detail elevation.

Fig. 3 is a sectional view on the line 3—3 of Fig. 2.

Fig. 4 is a side view of the inner part of my attachment.

Fig. 5 is a side view of the outer part of my attachment.

Fig. 6 is a top view of the inner part or member of my attachment.

Fig. 7 is a top view of the outer part or member of my attachment.

Fig. 8 is a side view showing a different form of hook.

Fig. 9 is an elevation showing a different embodiment of the inner member.

Fig. 10 is a section on the line 10—10 of Fig. 9.

The bag 1, which is made of paper in any suitable manner, is adapted to have an outer hook 2, secured thereto, whereby it can be hung upon a nail or the like, and it is also adapted to have an inner hook 3, connected thereto, upon which a coat or other garment may be hung.

The attaching device consists of an inner plate 4 and an outer plate 5, both of which are preferably made out of any suitable metal.

As can be clearly seen in Figs. 5 and 7, the outer plate 5 has a bead or depression 6, stamped out of its body at the upper part thereof, through which the lower end 7 of hook 2 can be passed so that the outer plate 5 can be supported by means of the hook 2.

The inner plate 4 has four staples 8 stamped out of the body thereof, at the four corners thereof, and the outer plate 5 is provided with corresponding perforations so that the staples 8 can be inserted through the said perforations and then bent down as clearly illustrated in Figs. 3 and 10 for example.

Hence by simply forcing the staples 8 through the body of the bag, and bending them downwardly, the inner plate 5 and the outer plate 4, can be rigidly secured.

The inner plate 4 has upraised portions 9 stamped out therefrom and it also has a central bead 10, stamped out therefrom. An inner hook 3 is adapted to have its shank passed through the central body 10, so that the inner hook 3 is entirely supported by the inner plate 4.

When the hook 3 is revolved so as to be parallel to the inner plate 4, it is entirely within the upraised or embossed portion 9, so that the article can be transported in a very compact condition and without any danger of anything catching upon the inner hook 3.

The top of the bag is provided with any suitable closure C. In Fig. 9 the embossing 9′, for guarding the hook 3, is in a different form, and in Fig. 8 the inner hook 3′ is also differently shaped.

It is obvious that the said inner plates and outer plates can be formed by a single stamping or die operation and that the parts can be simply and cheaply made and can be rapidly and efficiently assembled.

It is obvious that since the hook end 7 is substantially parallel to the plates 4 and 5, that the entire weight of the bag is borne by the bead 6, and that none of the strain is borne by the bag itself.

I have described a preferred embodiment of my invention, but it is clear that numerous changes and omissions can be made without departing from its spirit.

As can be seen from Fig. 3 for example, the inner plate 4 has a flat inner face adjacent the staples 8, and the outer plate 4 has a similar flat face adjacent its perforations. These flat plates can be firmly clamped against the wall of the bag so as to prevent the entrance of any dust through the openings in the wall of the bag through which the tongues or staples pass. It is therefore unnecessary to have a tight or dust-proof fit between the other parts of the device.

What I claim is:

1. In combination with a bag, an inner plate having a hollow bead projecting therefrom, and an outer plate having hook-attaching means, interengaging means on said plates to clamp them upon opposite sides of the bag, and a hook swiveled in said bead and foldable against said inner plate.

2. In combination with a bag, an inner plate having a hollow bead projecting therefrom, and an outer plate having hook-attaching means, interengaging means on said plates to clamp them upon opposite sides of the bag, and a hook swiveled in said bead and foldable against said inner plate, the inner plate being formed with upraised portions within which said swiveled hook is adapted to be confined when folded flat against said inner plate.

In testimony whereof I hereunto affix my signature.

GEORGE ROTTMAN.