C. M. GAY.

SUPPORT FOR ARTICLES.

APPLICATION FILED NOV. 30, 1914.

1,248,843. Patented Dec. 4, 1917.

Fig. 1

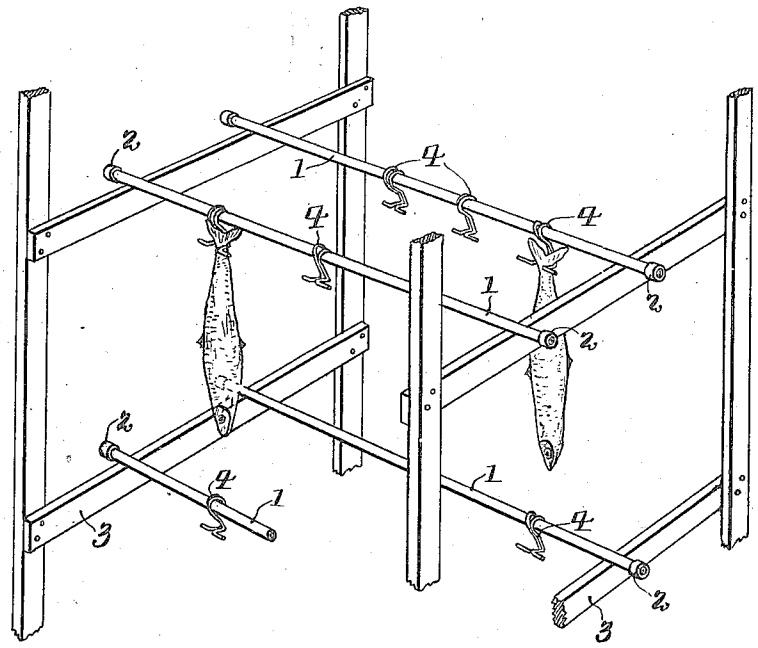


Fig. 2

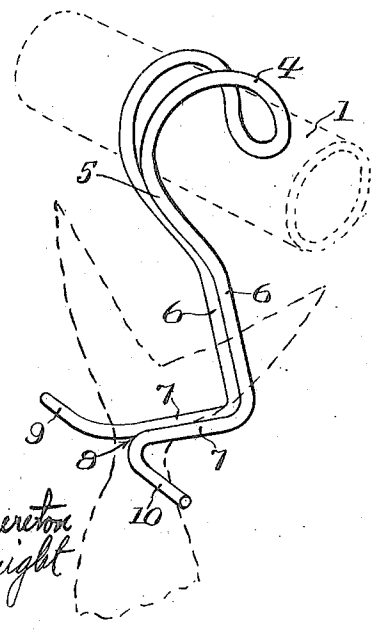
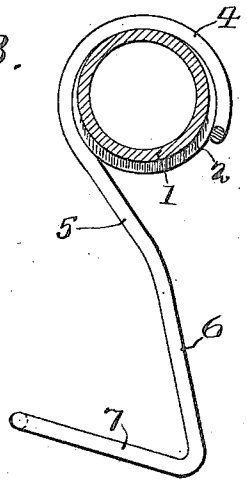


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

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SUPPORT FOR ARTICLES.

1,248,843. Specification of Letters Patent. Patented Dec. 4, 1917.

Application filed November 30, 1914. Serial No. 874,813.

To all whom it may concern:

Be it known that I, CASSIUS M. GAY, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles, State of California, have invented certain new and useful Improvements in Supports for Articles, of which the following is a description, reference being had to the accompanying drawing, and to the figures of reference marked thereon.

The invention relates to new and useful improvements in devices for supporting articles, and more particularly to devices which may be used for supporting fish during the process of treating the same.

An object of the invention is to provide a supporting device which may be used for clamping or gripping the tail of the fish to support the same, which supporting device is so constructed that the fish or article to be supported may be readily inserted within the clamping device and attached thereto by one hand only.

A further object of the invention is to provide a supporting device for articles, wherein a plurality of supporting hooks of the above character may be carried by supporting bars and readily moved along the same, without being detached from the bars.

These and other objects will in part be obvious, and will in part be hereinafter more fully disclosed.

In the drawings, which show by way of illustration one embodiment of the invention,—

Figure 1 is a perspective view showing my improved supporting devices mounted on racks therefor;

Fig. 2 is an enlarged detail in perspective, showing one of the supporting hooks and in dotted lines the manner of supporting the article and the attaching of the hook to a supporting bar;

Fig. 3 is a sectional view through a supporting bar showing a hook applied thereto and in section.

The invention consists generally in providing a supporting bar on which are mounted my improved supporting hooks. The bar is preferably formed with a collar or flange at each end, so as to retain the hooks thereon. Each hook has a supporting shank which is bent so as to partially encircle the bar and be retained thereon through the spring action of the shank. This permits the hooks to slide freely along the bar and to be removed therefrom by force when desired. Each supporting hook is formed with spring arms which are substantially parallel with each other and bent laterally from the shank. These arms diverge from each other so as to form a receiving mouth for the article to be gripped and supported by the spring arms. Each arm is also bent laterally to form a hand-hold, which facilitates the insertion of the article between the gripping arms.

Referring more in detail to the drawings, my improved supporting device consists of supporting rods 1, each of which is formed with a collar or sleeve 2 at the ends thereof. These rods are adapted to be placed on racks 3, 3. On each rod is a plurality of supporting hooks 4. Each hook is formed with a shank 5, and the shank is bent so as to partially encircle the rod 1. The shank extends into parallel arms 6, 6, which are bent laterally at 7 and these arms diverge so as to form a receiving mouth 8. Each arm is also bent laterally in opposite directions, as at 9 and 10.

These supporting hooks are preferably formed of spring wire, which is bent intermediate its ends. The bent portion is then formed into a hook and the parts of the shank may be spaced from each other, so as to better grip the bar and prevent the tilting of the hook on the bar, as clearly shown in Fig. 2. The wires are then shaped to form the arms 6, 6, 7, 7, and the laterally projecting parts 8 and 10.

In the use of my device, the spring arms 7, 7, are adapted to grip the article to be supported. My device as above noted, is particularly adapted for supporting fish. The tail of the fish is gripped between the arms 7, 7. The fish tail is placed in the receiving mouth 8. One of the fingers of the hand supporting the fish may be placed over the projecting portion 10 of the arm 7, and this enables the tail to be forced backward between the spring arms, or the arms to be drawn forward on to the tail, and facilitates the insertion of said fish tail between the spring arms. By this lateral projection in the spring arm, the fish may be attached to the supporting hook by one hand only.

It is obvious that minor changes in the details of construction and the arrangement of parts may be made, without departing from the spirit of the invention as set forth in the appended claim.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent, is:—

A supporting hook comprising a spring wire bent to form a hook-shaped shank and disconnected spring-gripping arms, said gripping arms having parallel portions, outwardly extending portions, diverging portions, and portions extending laterally in opposite directions, said laterally extending portions forming a hand-hold to facilitate the insertion of the article between the gripping arms.

In testimony whereof, I affix my signature, in the presence of two witnesses.

CASSIUS M. GAY.

Witnesses:
DE FOREST M. NEICE,
HERBERT PACKARD.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."