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FILM DEVELOPING HANGER DRIP TROUGH

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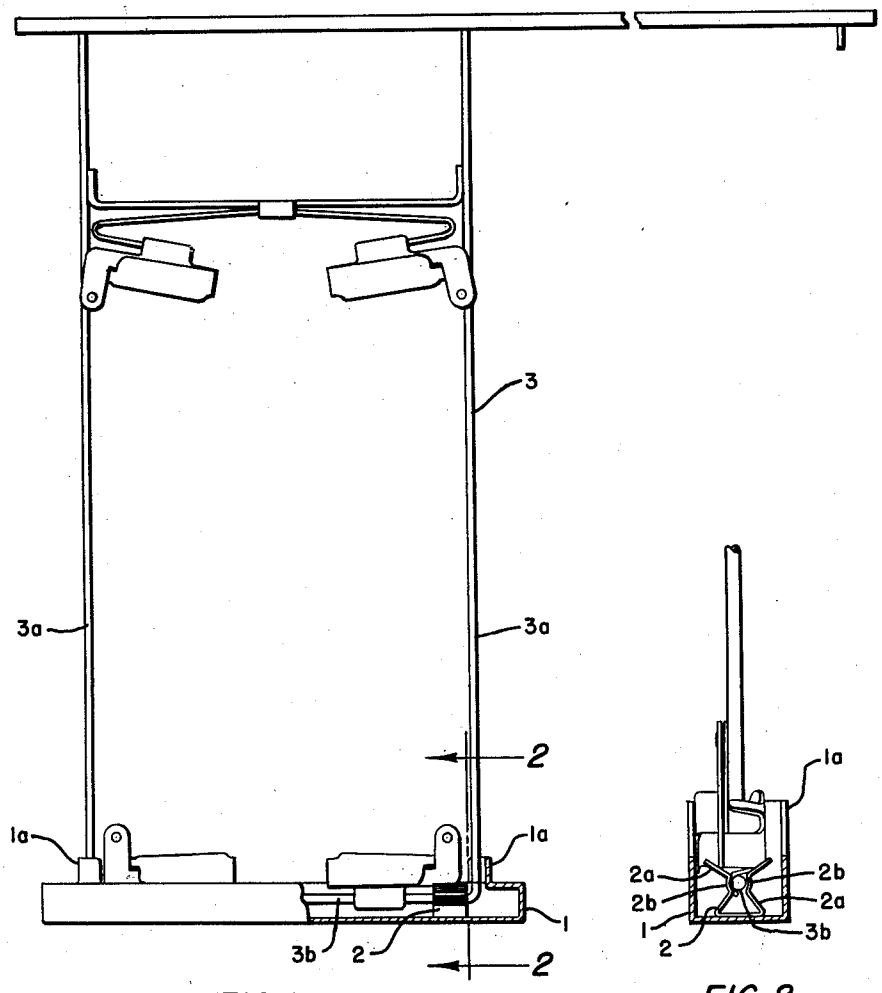

FIG. 1

FIG. 2

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FILM DEVELOPING HANGER DRIP TROUGH

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3 Claims. (Cl. 95—100)

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My invention relates to a film developing hanger drip trough, more particularly for use in connection with film developing hangers for preventing the wet film from dripping upon the floor and surrounding objects during movement thereof, and the objects of my invention are:

First, to provide a drip trough of this class which prevents the dripping of fluid from wet negatives after removal thereof from processing tanks;

Second, to provide a drip trough of this class in which the fluid drained from the wet negative is retained and prevented from longitudinal splashing therein when tilted;

Third, to provide a drip trough of this class which is readily and easily attached and removed to and from the conventional X-ray film developing hangers;

Fourth, to provide a drip trough of this class which cooperates readily with the conventional film developing hanger and film clips in connection therewith; and

Fifth, to provide a drip trough of this class which is very simple and economical of construction, efficient in operation, and which will not readily deteriorate or get out of order.

With these and other objects in view as will appear hereinafter, my invention consists of certain novel features of construction, combination and arrangement of parts and portions as will be hereinafter described in detail and particularly set forth in the appended claims, reference being had to the accompanying drawings and to the characters of reference thereon forming a part of this application, in which:

Figure 1 is a side elevational view of my drip trough showing portions thereof broken away and in section; and Fig. 2 is an enlarged transverse sectional view taken from the line 2—2 of Fig. 1.

Similar characters of reference refer to similar parts and portions throughout the several views of the drawings.

The trough member 1 and clips 2 constitute the principal parts and portions of my drip trough.

The trough member 1 as shown in Fig. 2 of the drawings is channel shaped in cross section, and secured to the bottom portion thereof are the clips 2 which may be fused or otherwise secured to the trough member 1 as desired. These clips 2 are each provided with resilient clip portions 2a extending upwardly from the bottom of the trough member 1 in diverging relation at their upper ends. These arm portions 2a are provided with arcuate detent portions 2b at substantially their middle portions arranged to engage opposite sides of the lower horizontal bar 3b portion of the conventional X-ray film developing hanger 3. It will be noted that the upper side of the trough member 1 is open and that splash shield portions 1a are provided at opposite ends of the open portion of the trough member 1 adjacent the vertically disposed frame portions 3a of the film developing hanger 3. These splash guards 1a prevent longitudinal displacement of the fluid in the trough 1 from splashing over the top thereof at opposite ends.

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The operation of my drip trough is substantially as follows:

When wet film is secured in connection with the conventional film developing hanger 3, the excess fluid on the film gravitates into the trough member 1 and is retained therein which prevents the film from dripping in the conventional manner on surrounding objects over which the film may be moved during the processing thereof. Longitudinal displacement of the fluid in the trough member 1 is prevented from overflowing by the splash plates 1a adjacent the vertically disposed frame portions 3a of the film developing hanger 3. In securing the trough member 1 to the conventional film hanger 3 at its horizontal bar portion 3b, the clips 2 are resiliently snapped over the horizontal portion 3b which securely connects the trough 1 with the lower horizontal portion 3b of the conventional film developing hanger 3.

Though I have shown and described a particular construction, combination and arrangement of parts and portions, I do not wish to be limited to the particular construction, combination and arrangement, but desire to include in the scope of my invention the construction, combination and arrangement substantially as set forth in the appended claims.

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

1. For use in combination with wet X-ray photographic cut film held suspended vertically in a hanger frame having a lower bar, of a tray for catching the drippings from said film and frame when held suspended, said tray having a bottom, with side and end wall members disposed at the edges of the bottom to form an open mouth defined by the rim of said side and end wall members, attaching members connected directly to the upper surface of said bottom wall member and extending at substantially right angles from said bottom member and within the confines of the rim of the tray comprising clip members hav-

ing upwardly extending portion of resilient material provided with opposed diverging portions and detent portions engageable at opposite sides of said lower bar.

2. In a combination drip trough and film developing hanger of the class described, an individual film developing hanger having a lower bar and a drip trough member open at its normally upper side and positioned therebelow to collect liquid dripping from said film supported in said film developing hanger, and resilient clip means secured to said trough member and removably engaging the lower bar of said film developing hanger, said clip means having upwardly extending diverging portions of resilient material, provided with opposed detent portions engaging opposite sides of said lower bar.

3. In a combination drip trough and film developing hanger of the class described, an individual film developing hanger having a lower bar and a drip trough member open at its normally upper side and positioned therebelow to collect liquid dripping from said film supported in said film developing hanger, and resilient clip means secured to said trough member and removably engaging the lower bar of said film developing hanger, said clip means having upwardly extending diverging portions of resilient material, said trough member provided with splash shields at opposite ends of the upper open portion thereof, extending upwardly therefrom.

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