April 2, 1963 W. C. GRENON 3,083,427

FILM CLIPBOARD

Filed Dec. 18, 1961

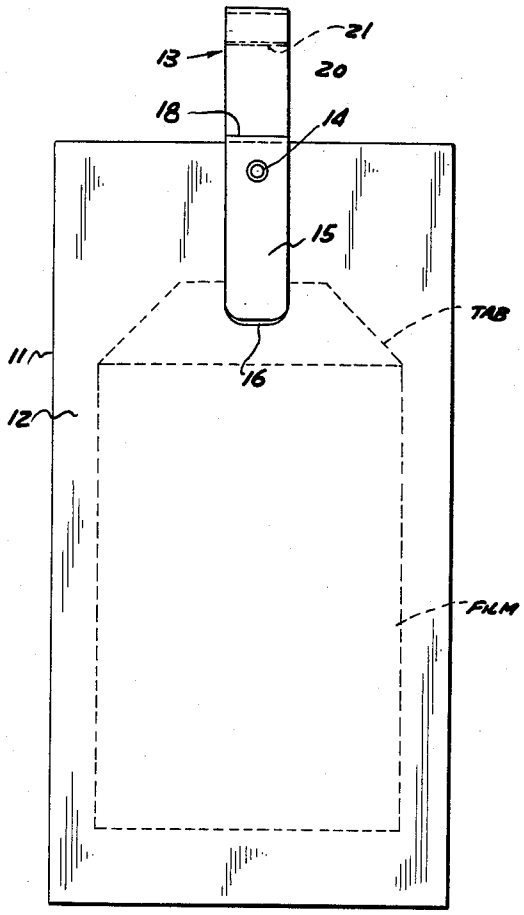


Fig. 1

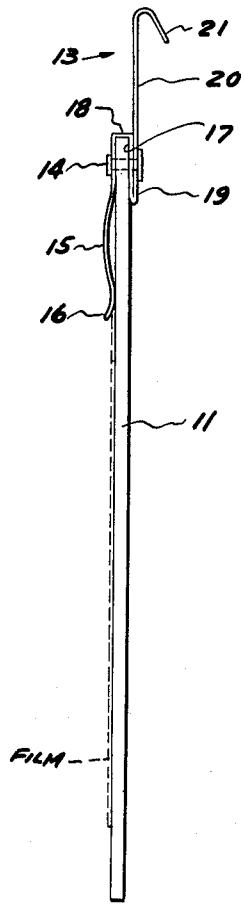


Fig. 2

INVENTOR.
WILLIAM C. GRENON
BY
Robert G. Sloman.
ATTORNEY

United States Patent Office 3,083,427 Patented Apr. 2, 1963

3,083,427

FILM CLIPBOARD

William C. Grenon, 15895 Coram Ave., Detroit 5, Mich.

Filed Dec. 18, 1961, Ser. No. 160,128
1 Claim. (Cl. 24—84)

This invention relates to a clip board for films, and more particularly to a supporting clip board for the type of film employed in a "Polaroid" camera. Heretofore, in the use of Polaroid cameras, Land camera type, after the film has been exposed and thereafter removed from the camera, it is usually thereafter immediately treated by the user with a fixing solution which is normally rolled onto the surface of the film, after which the film must be permitted to stand for several minutes until the fixing solution has become dry.

The difficulty heretofore has been that there has been no convenient device for mounting the film during the application of the fixing solution or the rolling of the same thereon. Often this is done in the palm of the hand, or on a piece of furniture.

Another difficulty experienced is that after the film has been so treated, no convenient location is provided for storing the film, or supporting the film, or hanging the film until it has dried. The result is that often times the film tips over on the wrong side and becomes scratched, dirtied or otherwise damaged before the fixing solution has had an opportunity of fully drying.

Accordingly the primary object of the present invention is to provide a film clip board, which is constructed of a relatively thin and stiff material, such as Masonite or plastic, and which has a clip mounted and secured over one end thereof, which provides a means not only for supporting the film upon the said board, but which also provides a means extending therefrom for hanging the clip board during the drying operation.

It is another object of the present invention to provide a film clip board for use in conjunction with films during a drying process thereof, or other processing thereof by which the film will be mounted upon a flat support and retained thereon, and with means for supportably hanging the said film support in an upright vertical position.

It is the object of the present invention to provide a clip board for films which has a hanging hook, as an integral part of the clip assembly which is so constructed that the clip board may be suspended from a line or other support surface or may be suspended from the belt on the garment of the user, as one convenient means of protectively supporting the films until they have dried, but without interfering with further picture taking operations of the user.

These and other objects will be seen from the following specification and claim in conjunction with the appended drawing, in which:

FIG. 1 is a front elevational view of the present film clip board.

FIG. 2 is a right side elevational view thereof.

Referring to the drawings, the present clip board is shown in full scale. However, it is contemplated that the board may be of various sizes, as desired, depending upon the film to be treated.

In the present preferred embodiment of the invention, there is provided an elongated flat support plate which is constructed of Masonite, or a plastic material, but without the exclusion of other materials for this purpose. The primary requirement, however, for the support plate **11** is that it has a top flat surface **12** which is reasonably smooth.

A Z-shaped clip, preferably constructed of spring steel, or possibly a plastic material of sufficient resilience, is generally indicated at **13** and includes a central body portion which overlies the upper central portion of the plate **11** and is fixedly secured thereto with a suitable fastener, as for example the rivet **14**.

The present clip includes a central body portion, generally indicated at **18**, which extends over the central top edge of the plate **11**, and below the fastener or rivet **14**, which terminates in the downwardly extending film hold-down arm **15**, which is bowed slightly outwardly from the front surface of plate **11**, and at its lower end terminates in the slightly outturned film receiving lip **16**.

The film is shown in phantom lines in FIGS. 1 and 2 illustrating how it would be mounted upon the support surface **12** of the plate, the upper surface of the film projected under the lip **16** and held down by the arm **15**, forming a part of the resilient clip **13**.

The body **18**, or central portion of the clip includes a downturned member **17** which cooperatively engages the rear surface of the plate **11** and spaced below the top edge of the said plate is reverse curved at **19**. The clip portion then extends upwardly to define the upright support arm **20**, which bears against the rear portion **17** of the said clip, and which extends upwardly beyond the upper edge of the plate and terminates at its upper end in the reverse curved support hook **21**.

This provides a means by which the clip board, or support plate **11**, may be suspended from a support such as a horizontally disposed wire, a horizontally disposed rod, or any other horizontally disposed element or support means for suspending the said clip board.

It is contemplated that the clip construction shown in FIGS. 1 and 2 represents a preferred embodiment of the invention, but that the clip may be varied in form and in construction within the scope of the claims hereafter set forth.

Having described my invention, reference should now be had to the following claim.

I claim:

A film clipboard comprising a thin, flat, rigid board upon which a film may be placed, the board having a front face, a rear face and an upper edge and a clip secured to the board at said upper edge, said clip being formed of a single, flat, ribbon-like strip of springy metal bent at its center into an inverted U-shape formed with a bight and two parallel legs spaced apart a distance approximately equal to the thickness of the board, the U-shaped strip being arranged at the center of the upper edge of the board and snugly receiving the board between the legs of the U, with the legs of the U being in full face to face contact with the respective faces of the board; the lower end of the leg of the U disposed on the front face of the board being downwardly extended to form a bowed hold-down portion whose lower end is bent forwardly as a lip; the rear leg of the U-shaped portion being integrally extended from and reversely bent relative from its lower end to form a long suspension hook portion arranged in face to face contact with the full height of such rear leg and extending above the base of the U-shaped part of the strip a considerable distance and terminating in a downwardly and rearwardly bent hook; and a rivet extending through both legs of the U-shaped part of the strip, the board and also the suspension hook portion of the strip to join the clip to the board; the rivet forming a clamp for the hold-down portion so that the lower lip of the hold-down portion may be sprung forwardly from the front face of the board to receive and to tightly grip and spring press a thin film against the front face of the board.

References Cited in the file of this patent

UNITED STATES PATENTS

2,609,578 Andary ---------- Sept. 9, 1952