Sept. 10, 1968 H. L. BROWN 3,400,477

SELF-MOUNTING FRAME

Filed Dec. 5, 1967

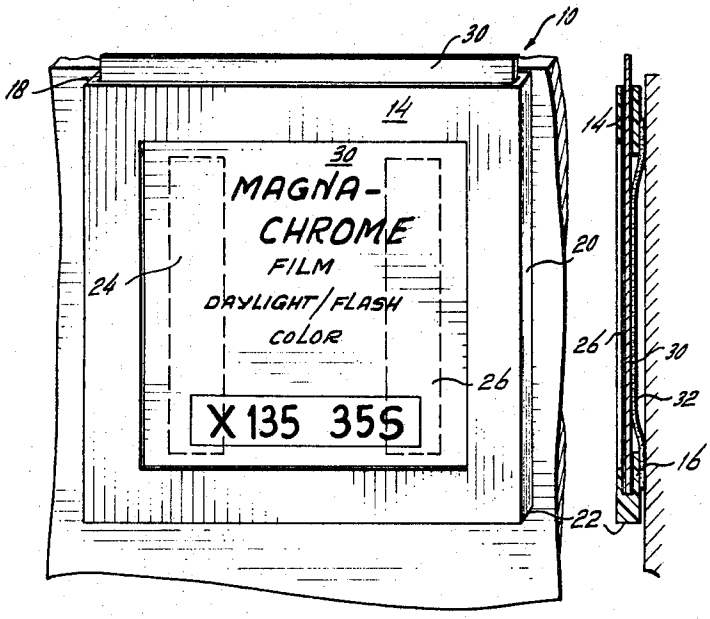


FIG. 1

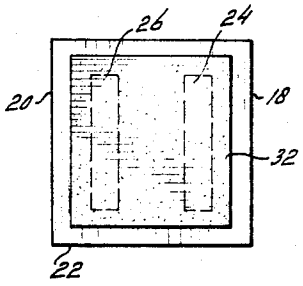


FIG. 2

FIG. 3

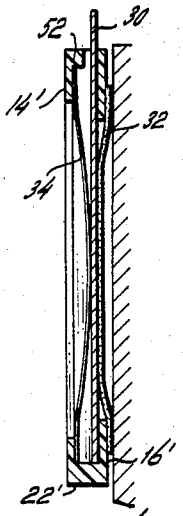


FIG. 4

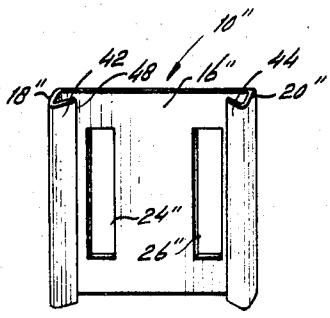


FIG. 5

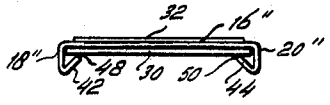


FIG. 6

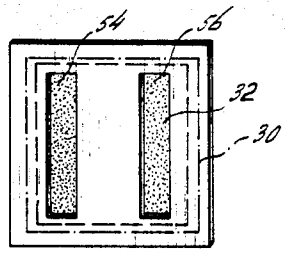


FIG. 7

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SELF-MOUNTING FRAME

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ABSTRACT OF THE DISCLOSURE

A mounting frame including a backing member provided with one or more apertures and double faced adhesive means secured to said backing and wherein the adhesive is exposed through the apertures to thereby secure the item held by said frame against displacement within said frame.

BACKGROUND OF THE INVENTION

(1) Field of the invention.—Cameras, particularly a device for reminding the photographer as to the particulars of the film which has been earlier loaded in his camera.

(2) Description of the prior art.—France 894,145 suggests a related technique for reminding the photographer as to the type of film loaded within the camera. France 894,145 suggests modification of the film package to the extent that a package tab is perforated for removal from the package and includes an aperture for attaching the tab to a camera strap. Alternatively a film package sealing tape bearing film particulars and used to seal the film in its package may be removed from the film package and applied to the back of the camera. France 894,145 had the same purpose as applicant; however, France 894,145 required redesigning of the film package tab with special perforation and aperture in order to apply the package tab to the camera. Alternatively, a special sealing tape was required to modify the film package. The tab being relatively impermanently attached to the camera strap, the French inventor, perhaps, then began to consider utilization of the sealing tape. Both tab and tape techniques involved extensive package modifications. The present invention concerns itself with the construction of a portable, yet permanent self-mounting frame which may removably support a tab from any type of film package and the frame, itself, may be applied to various types cameras. There is no necessity for modification of the film package.

SUMMARY OF THE INVENTION

According to the present invention, the self-mounting frame includes a frame back having one or more tape exposing apertures; a frame border connected to the back and juxtaposed thereto, so as to overlap and secure side portions of a film package tab supported in the frame; and a double-coated pressure sensitive adhesive material secured to the frame back so that a first coating of pressure sensitive adhesive tacks or mounts the frame to the camera and a second coating of pressure sensitive adhesive extends through the apertures to engage and removably secure the film package tab within the frame. The photographer rips the film package end or tab from the film package and inserts the tab within the frame as he loads the camera. Days or weeks later the photographer is reminded by the package tab supported within the frame as to the particulars of the loaded film. As the camera is unloaded, and re-charged the original film package tab may be removed from the frame and another film package tab re-inserted. Since double-coated pressure sensitive adhesive is employed, the frame may be removed from one camera to another, as convenient.

Modifications of invention includes the employment of a resilient clip in the frame to assist in securing the tab against the adhesive, the employment of an open top and bottom frame having bent over sides engaging the film package tab. Also, double-coated pressure sensitive adhesive may be applied to a simple frame back, having tape exposing apertures, to act as a film package tab mounting.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 is a perspective view of the self-mounting frame with a film package tab removably supported therein, the tape exposing apertures in the frame back being shown in phantom;

FIG. 2 is a rear elevation thereof, showing a segment of pressure sensitive adhesive applied to the back so as to extend inwardly of tape exposing apertures **24** and **26**, shown in phantom;

FIG. 3 is a vertical section of the frame, showing double-coated pressure sensitive adhesive **32** extending inwardly of the apertures to engage and secure film package tab **30**;

FIG. 4 is a vertical section of a modification of invention, wherein resilient clip **34** is utilized to urge the film package tab against the pressure sensitive adhesive;

FIG. 5 is a perspective of a further modification of invention wherein the frame is constructed with an open top and open bottom and includes bent over sides resiliently abutting the film package tab **30**;

FIG. 6 is an end elevation of the FIG. 5 modification;

FIG. 7 is a further modification of invention, showing the rigid plastic back having apertures **54** and **56** permitting the pressure sensitive adhesive applied to the sheet back to extend inwardly of the apertures so as to engage and secure the film package tab **30**.

DESCRIPTION OF THE PREFERRED EMBODIMENTS

In FIG. 1 film indicator self-mounting frame designated as **10** is shown as being comprised of a frame back **16** and a frame border **14** juxtaposed with respect to the frame back **16** by means of frame sides **18**, **20** and bottom **22** and defining entry slot **12**. Apertures **24** and **26**, shown in phantom, enable the double-coated pressure sensitive adhesive **32** applied to the frame back **16** to extend into the frame area and engage a film package tab **30**, while simultaneously securing the frame back to a camera surface.

In the modification illustrated in FIG. 4 the frame border **14'** may have an inner top shoulder **52**, securing a leaf spring or like element **34** which in turn engages the film tab **30** and urges the tab against the pressure sensitive adhesive **32**.

According to the FIGS. 5 and 6 modification, frame **10''** has an open top and bottom, a frame back **16''** with apertures **24''** and **26''**, and bent over border elements **42** and **44** integral with sides **18''** and **20''**, respectively. As illustrated in FIG. 6, the bent over sides **42** and **44** abut the film package tab **30** along abutting surfaces **48** and **50**, respectively, thereby aiding in securement of the film package tab within the frame.

FIG. 7 is a further modification wherein frame back is provided with apertures **54** and **56**, enabling pressure sensitive adhesive **32** to extend through apertures **54** and **56** so as to releasably engage a film tab **30**.

The frames may be plastic molded, metal, paper or like fabricated. Double-coated pressure sensitive adhesives of varying characteristics may be employed, for example, a pressure sensitive tape such as that trademarked Scotch Mount (designated No. 4032) and manufactured in Industrial Tape Division 3M Company. Such a tap having a long aging, high track formulation will enable instant and permanent mounting of the frame on a

camera, while releasably securing the film package tab. Also, of course, the coatings of the tape may be varied so that the first coating exposed outwardly of the frame back is suited to semi-permanent mounting of the frame in the camera and the second coating exposed inwardly of the apertures is more suited to releasably securing the tab within the frame.

Manifestly, the self-mounting frame may be constructed of plastic, metal or other materials and may be variously configured without departing from the claims.

I claim:

1. A self-mounting frame comprising:

(A) a frame back, having a tape exposing aperture;

(B) a frame border connected to said back and juxtaposed with respect to said back, so as to overlap side portions of material supported in said frame between said border and said back; and

(C) a double-coated pressure sensitive adhesive material secured to said back and including a first pressure sensitive coating being exposed outwardly of said frame back as a mounting and a second pressure sensitive coating being exposed inwardly of said aperture so as to engage and secure material supported in said frame.

2. A self-mounting frame, as in claim **1**, said frame and frame border defining closed sides and bottom and an open top for inserting material within said frame.

3. A self-mounting frame as in claim **1**, including a spring element supported intermediate said border and said back so as to resiliently engage material inserted within said frame.

4. A self-mounting frame as in claim **1**, said border sides being bent inwardly towards said frame back, so as to abut material inserted within said frame.

5. A self-mounting frame as in claim **1**, said back including a plurality of tape exposing apertures.

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