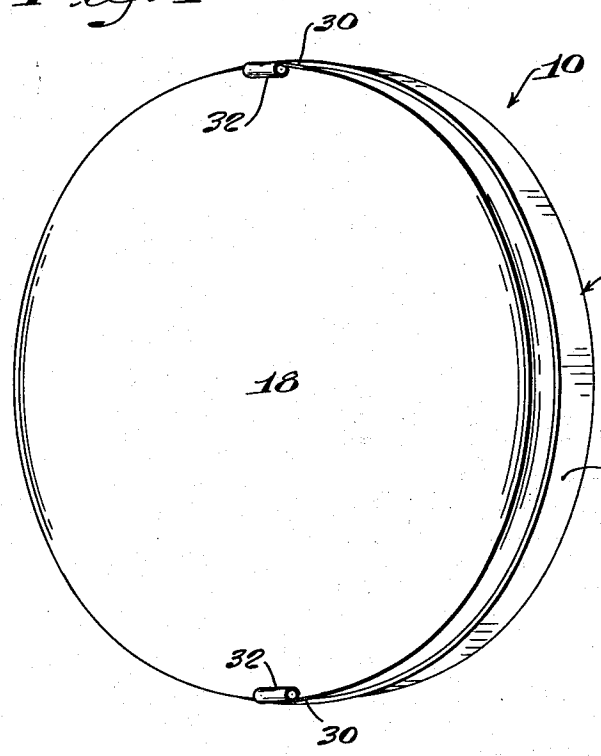
Dec. 22, 1953 G. P. WOODBURY 2,663,105

FRAME FOR PHOTOGRAPHS AND PICTURES

Filed May 23, 1950

Fig. 1



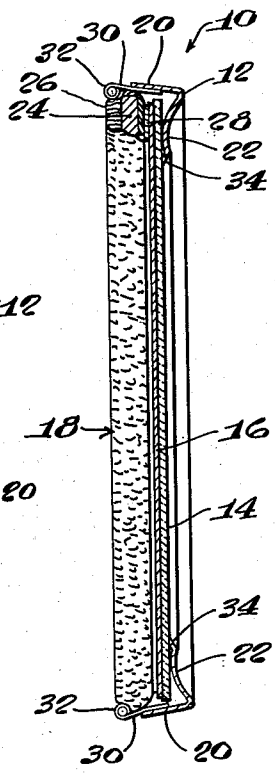


Fig. 2

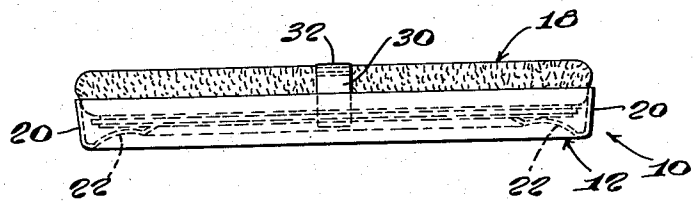


Fig. 3

INVENTOR.
Glen P. Woodbury
BY J. Stanley Churchill.
ATTORNEY

Patented Dec. 22, 1953

2,663,105

UNITED STATES PATENT OFFICE

2,663,105

FRAME FOR PHOTOGRAPHS AND PICTURES

Glen P. Woodbury, Reading, Mass.

Application May 23, 1950, Serial No. 163,725

2 Claims. (Cl. 40—152)

1

This invention relates to a frame for photographs and pictures.

The invention has for an object to provide a novel and improved frame for photographs and pictures having novel provision for detachably retaining the various parts of a frame unit in assembled relation in a simple, economical, and efficient manner.

With this general object in view, and such others as may hereinafter appear, the invention consists in the frame for photographs and pictures hereinafter described and particularly defined in the claims at the end of this specification.

In the drawings illustrating the preferred embodiment of the invention, Fig. 1 is a perspective view of a frame unit embodying the present invention; Fig. 2 is a longitudinal cross-sectional view of the present assembled frame unit; and Fig. 3 is an end view of the frame unit.

In general the present invention contemplates a frame for photographs or pictures comprising a sheet metal frame member or body portion shaped to provide a recessed opening in the back into which the glass, photograph, and filler or backing members are placed. Prior to the present invention it has been the usual practice to fasten the backing member to the body of the frame by escutcheon pins extended through the side walls of the frame into the backing member, or by providing a separate friction ring fitted around the inside of the recessed portion into which the backing member is pressed to frictionally hold the parts together. In accordance with the present invention the frame is constructed to resiliently engage the backing members at spaced points around the outer edge thereof to retain the parts in detachably assembled relation in a simple and efficient manner.

Referring now to the drawings, 10 represents a frame unit which may be of any usual or preferred contour herein shown as being oval shaped and comprising a frame member 12 preferably of sheet metal formed to provide an open recessed portion in the back thereof to receive a sheet of glass 14, picture or photograph 16, and a filler or backing member 18. As herein shown, the recessed portion is defined by rearwardly extended side walls 20 of the frame member forming a rim and by inwardly and slightly rearwardly inclined curved flange portions 22, the side walls 20 extending substantially at right angles to the face of the frame member or being flared outwardly slightly, as illustrated.

The filler or backing member 18 may comprise an inner core member 24 of relatively rigid material such as stiff cardboard and is preferably covered by a decorative material such as felt or pile fabric 26 having a resilient surface, the fabric extending around the back and over the edges of the core member 24 to be adhesively secured around the marginal portions of the inner face of the core member. The inner face of the backing member may be provided with a relatively rigid sheet of decorative material 28 such as a textile covered sheet of stiff cardboard. In practice the outer face of the backing member 18 may extend a short distance beyond the rear edges of the side walls 20 of the frame member 12, as illustrated.

2

As herein shown, and in accordance with the present invention, the frame member 12 is provided with a plurality of members herein shown as two spaced rearwardly extending resilient retaining members 30 which may comprise flat metal leaf springs formed integrally with the frame member 12, or may be formed separately and welded or brazed to the inner surface of the side walls 20 of the metal frame member, as illustrated. The outer ends of the spring metal retaining members 30 may be rolled inwardly, as shown, to provide inwardly extended cylindrical retaining portions or hooks 32.

The backing member 18 is preferably of a size such as to fit snugly into the recessed portion between the side walls 20 of the frame member, the pile fabric or other resilient covering material 26 being compressed slightly to frictionally engage the side walls of the frame, and the resilient retaining members 30 are arranged to spring over the adjacent portions of the edge of the backing member, the flat portion of the leaf springs engaging and flattening the resilient fabric against the edge of the relatively stiff core member 24, and the inwardly extended rolled portion 32 of the retaining members pressing against and flattening the resilient fabric on the back edge of the member 18 and extending inwardly to hook over the edge of the relatively stiff core member 24 to thus securely retain the backing member 18 in assembled relation with the frame member 12.

In assembling the frame unit, after the glass and the photograph and other filler material have been placed in the recessed portion, the backing member is inserted in the recess against one of the retaining members 30 and pressed inwardly to expand the leaf springs outwardly and then the backing member is pressed in until the rolled portions 32 snap inwardly and hook

over the edge of the backing member to detachably retain the parts in assembled relation.

It will also be observed that the inwardly extended concavely curved frame portions **22** are provided with angularly extended inner edges **34** against which the glass **14** bears, the portions **22** also providing some resiliency so that the glass, photograph, and other fillers are resiliently retained in the recessed portion of the frame member **12** between the flanged portions **22** and resilient retaining members **30** to tightly hold the parts in assembled relation and firmly resist detachment during ordinary handling and use. The backing member may be easily and quickly removed by slight pressure against the front face of the glass **14** to snap the backing member **18** out of the grip of the retaining members **30**. In the assembled frame unit, the rolled ends or hooks **32** of the retaining members press into the pile fabric so as to be substantially concealed when viewed from the front of the frame unit and are substantially flush with the surrounding pile fabric of the rear face of the backing member **18**. In practice, the rear face of the backing member may have the usual ring attached thereto for hanging the frame on a wall, or may be provided with an easel support for standing the frame on a table or other surface.

It will be apparent that the present invention herein shown as embodied in an oval shaped frame may be embodied in frames of other shapes with equal advantage.

While the preferred embodiment of the invention has been herein illustrated and described, it will be understood that the invention may be embodied in other forms within the scope of the following claims.

Having thus described the invention, what is claimed is:

1. A frame for photographs and pictures comprising a sheet metal frame member having a rearwardly extended and relatively rigid rim portion and inwardly curved extended flange portions defining an open recessed portion in the back thereof, and a backing member received within said recessed portion, said frame member being provided with resilient metal retaining hooks extended rearwardly beyond said rim and engageable with the marginal edges of said backing member to detachably retain the parts in assembled relation, said backing member comprising a relatively rigid core member having a resilient covering material, the hook members compressing the adjacent portions of the covering material and extending over the back edge of said rigid core member.

2. A frame for photographs and pictures comprising a sheet metal frame member having a rearwardly extended and relatively rigid rim portion and an inwardly curved extended flange portion defining an open recessed portion in the back thereof, a plurality of inserts including a sheet of glass, a picture, and a backing member inserted into said recessed portion, said backing member comprising a relatively stiff core member having a resilient covering and being of a thickness such as to extend beyond the rear edge of the rim portion, and a pair of opposed and relatively narrow flat spring metal retaining members secured to and extended rearwardly from said rim portion and having their outer ends rolled inwardly to form hooks arranged to compress the adjacent portions of said resilient covering and snap over the back edge of said rigid core member when the backing member is pressed into said recessed portion to resiliently and detachably retain the parts in assembled relation between said flanged portion and said retaining hooks.

GLEN P. WOODBURY.

References Cited in the file of this patent

UNITED STATES PATENTS

Number	Name	Date
539,318	Wanner	May 14, 1895
390,357	Hasselbring	June 9, 1908
1,338,441	Haley	Apr. 27, 1920
1,794,034	Russell	Feb. 24, 1931
2,220,038	Kreisler	Oct. 29, 1940
2,521,558	Alvarez	Sept. 5, 1950

FOREIGN PATENTS

Number	Country	Date
150,369	Australia	Aug. 10, 1937
781,082	France	Feb. 18, 1935