June 6, 1950 S. GOLDEN 2,510,629

PICTURE FRAME

Filed Aug. 31, 1946

Fig. 1.

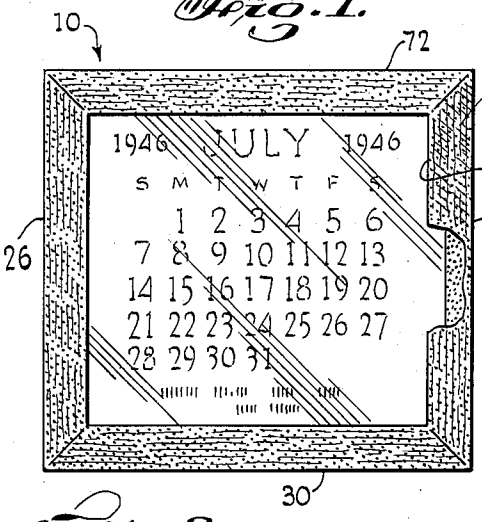


Fig. 2.

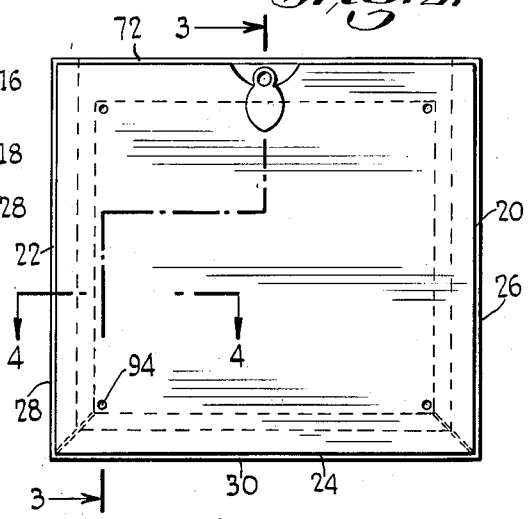


Fig. 3.

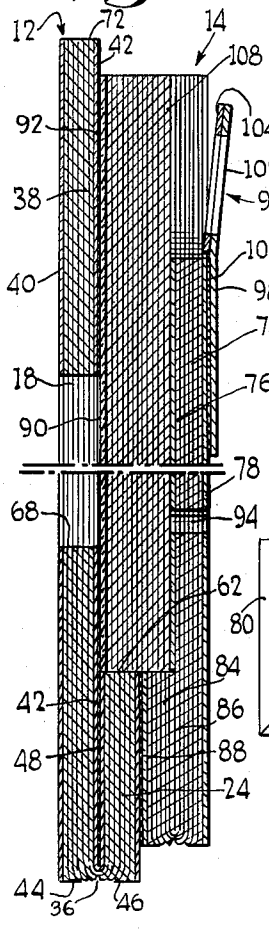


Fig. 4.

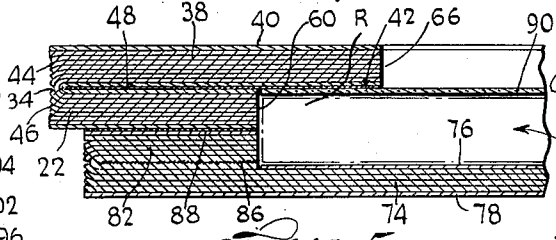


Fig. 5.

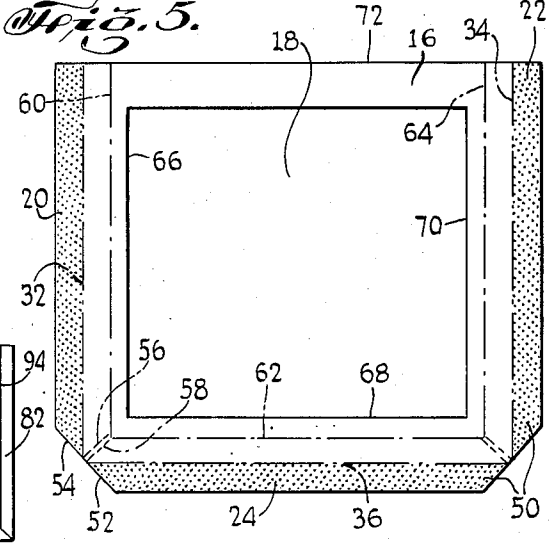
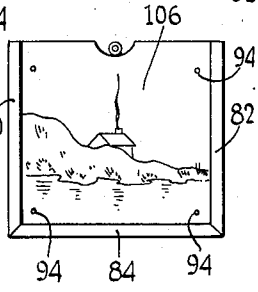


Fig. 6.



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PICTURE FRAME

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1 Claim. (Cl. 40—152)

1

This invention relates to a combination calendar and picture frame which for convenience will simply be referred to hereinafter as a "frame."

It is an object of the invention to provide a frame which comprises but few and simple parts and is so constructed that it can be manufactured very inexpensively.

It is another object of my invention to provide a frame whose parts are so designed that they can be made from a minimum of material.

It is a further object of the invention to provide a frame which is rugged and easy to use.

Other objects of the invention will in part be obvious and in part hereinafter be pointed out.

The invention accordingly consists in the features of construction, combinations of elements and arrangements of parts which will be exemplified in the construction hereinafter described and of which the scope of application will be indicated in the appended claim.

In the accompanying drawings in which is shown one of the various possible embodiments of the invention,

Fig. 1 is a front view of a frame constructed in accordance with my invention;

Fig. 2 is a rear view thereof;

Fig. 3 is an enlarged sectional view taken substantially along the line 3—3 of Fig. 2;

Fig. 4 is a fragmentary enlarged sectional view taken substantially along the line 4—4 of Fig. 2;

Fig. 5 is a rear view of the paper board from which the front of the frame is made, said board being illustrated as it appears before it is folded preparatory to assembly; and

Fig. 6 is a front view of the paper board from which the rear of the frame is made, said board being illustrated as it appears immediately prior to assembly.

Referring now in detail to the drawings, 10 denotes a frame embodying my invention and basically consisting of only two pieces of paper stock to wit, a front paper board 12 and a rear paper board 14. Each of these boards is made from heavy, flat paper stock, such as cardboard, chipboard or newsboard which is self-form-maintaining and relatively stiff. By way of example, the boards may be about one-sixteenth of an inch thick.

More particularly the front board 12 comprises a flat frame 16 of some suitable outline, e. g. rectangular, provided with a large central aperture 18. At the time it is cut, the frame has integral marginal portions 20, 22 and 24 extending from its two side edges 26, 28 and bottom edge 30, respectively. The frame is slit along line 32, 34 and 36 at the sides and bottom of the frame and

2

from the front toward the back of the frame a distance less than, but almost equal, to the full thickness of the frame, that is, these slits should be deep enough to permit the marginal portions to be bent rearwardly along the slits without, however, completely severing said portions from the frame. As shown, the slit extends substantially all the way to the wrapper at the back of the horad. Thus, referring to Figs. 3 and 4, the frame 16 consists of a central thick cardboard portion 38 covered on its front face with a paper wrapper 40 of relatively thin stock and on its rear face with a paper wrapper 42 likewise of relatively thin stock. The slits, the edges of which are indicated by the numerals 44, 46 in these figures, extend through the front wrapper 40 and substantially all the way through the cardboard portion 38, but stop short at the rear wrapper 42 so as to leave this wrapper substantially or wholly intact. If desired, some of the fibers of the cardboard immediately adjacent the rear wrapper also may be left unsevered, so that each marginal portion 20, 22, 24 will be integrally connected to the frame by a hinge which consists of a linear zone of the rear wrapper 42 and possibly by a similar zone of fibers at the rear of the cardboard portion 38. These integral hinges, thus provided, serve to hold the marginal portions in place until such time as they are employed as spacer elements in a manner soon to be described.

Said marginal portions are folded to lie against the back face of the frame and a film of a cementitious substance 48 such as glue holds said marginal portions to the rear of the frame. This cementitious substance may either be applied in wet form immediately prior to infolding of the marginal portions, or it may be applied in the form of adhesive areas 50 when the frame and marginal portions are cut from the flat paper stock, said areas being suitably wetted before infolding. The corners of adjacent marginal portions are diagonally cut away as indicated at 52 and 54 so that when they are infolded the corners will not overlap but rather will assume the juxtaposed positions indicated by the dot and dash line 56—58 in Fig. 5.

The widths of the marginal portions are less than the widths of the corresponding portions of the frame so that when the marginal portions are infolded their inner edges 60, 62 and 64, indicated by dot and dash lines in Fig. 5, will be spaced outwardly from the corresponding edges 66, 68, 70 of the aperture 18. By this arrangement I provide a shallow recess R behind the frame 16, the walls of which are defined by the marginal portions, this recess being slightly larger than and

circumscribing the central aperture, and, in addition, opening at the top edge 72 of the frame.

It will be apparent that if an additional element such as the rear board 14 should now be laid upon the inturned marginal portions a pocket P will be formed in back of the front board, the depth of which is equal to the thickness of the marginal portions, so that said marginal portions conjointly act as a spacer element.

The back board may be laid directly upon the inturned marginal portions and secured thereto so as to provide a pocket or, if desired and as shown herein, the pocket may be made deeper by forming the rear board 14 with inturned marginal portions in a manner similar to the front board. Thus, the rear board may comprise a central cardboard portion 74 covered on its rear face with a wrapper 78. Said board has side and bottom marginal portions 80, 82, 84 secured to the associated sides of the rear board by an integral hinge consisting of linear zones of the cardboard 74 adjacent its front face. Said hinges are formed by slitting the back board through the back wrapper and almost all the way through the cardboard portion 74.

The marginal portions have their corners trimmed in the same manner as the front board and then are infolded and held in place by a film 86 of a cementitious material like glue. The marginal portions of the rear board preferably are of such size as to define an area identical to the area defined by the marginal portions of the front board, save for height, that is to say, the area defined by the rear marginal portions is slightly shorter than that defined by the marginal portions of the front board. Furthermore, the back board is slightly smaller than the front board (see Figs. 2—4) in order that its edges may not show from the front of the device.

When placing the back board on the front board the marginal portions of both boards are placed face to face with their inner edges registered. Said marginal portions are permanently secured to each other by a film of a cementitious material 88 like glue.

The frame as thus far described is complete enough for use. However, I may employ certain adjuncts which make the frame easier to use. Thus I can incorporate a layer 90 of a transparent material such as regenerated cellulose (cellophane) which covers the opening 18 and is disposed in back of the same to prevent the contents of the frame from becoming dirty or covered with dust. The cellophane can be adhesively secured to the back of the front board by a layer 92 of adhesive. In addition, the rear board 14 may be pierced by a plurality of holes 94 whose function will be pointed out hereinafter. The rear board can be provided with a suitable hanger 96 of any well known construction comprising by way of example a flexible panel 98 held by a layer of glue 100 to the rear surface of the back board, said panel being provided with an aperture 102 for hanging. Optionally the panel may be reinforced with a paper washer 104 around the aperture 102. Also the rear board may be provided with a glossy paper panel 76 on which a picture 106 (Fig. 6) is suitably imprinted so that

if the frame is hung without anything in the pocket it will present a pleasing appearance. Furthermore, suitable printed matter or the like, e. g. advertising, can be carried by the panel 76.

In the pocket P formed as above described I insert one or more sets of sheets 108 having calendars imprinted on one or both sides thereof as exemplified in Fig. 1. It will be appreciated that if the frame is supplied with a calendar, after it has been used for the period of time covered by the sheets 108, it then can be employed as a picture frame by slipping a picture into the pocket P, or, even if a picture is not inserted, the frame still will serve as an attractive ornament with the picture 106 always in place. When the sheets 108 are inserted there is a tendency for air to remain in back of the sheets. This is overcome by the vent holes 94.

It may be noted that the divers marginal portions 20, 22, 24, 80, 82 and 84 may be completely severed from their associated boards and held in place solely by glue or the like, although the construction illustrated is preferred inasmuch as it enables the parts of the frame to be handled more easily during fabrication.

It will thus be seen that I have provided a frame which achieves the several objects of my invention and is well adapted to meet the conditions of practical use.

As various possible embodiments might be made of the above invention, and as various changes might be made in the embodiment above set forth, it is to be understood that all matter herein described or shown in the accompanying drawings is to be interpreted as illustrative and not in a limiting sense.

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

A frame comprising a front paper board having a through aperture, a rear paper board, the inner surface of at least one of said boards being covered by a wrapper, a spacer element including inturned marginal portions at the edges of said one board, said one board having a slit extending partially therethrough on its exterior surface substantially up to said wrapper whereby to define the inner edges of said marginal portions, said portions being folded back with the wrapper of each marginal portion abutted against the wrapper of the board, the slit thereby being open with its sides 180° apart to define an edge of the frame, and means to secure said spacer element to both said boards.

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