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BINDER HANGER FOR LOOSE-LEAF SHEET CALENDARS

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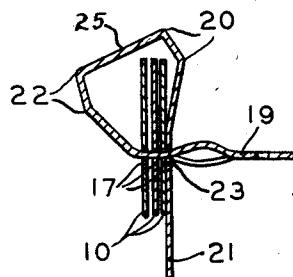


FIG. 4.

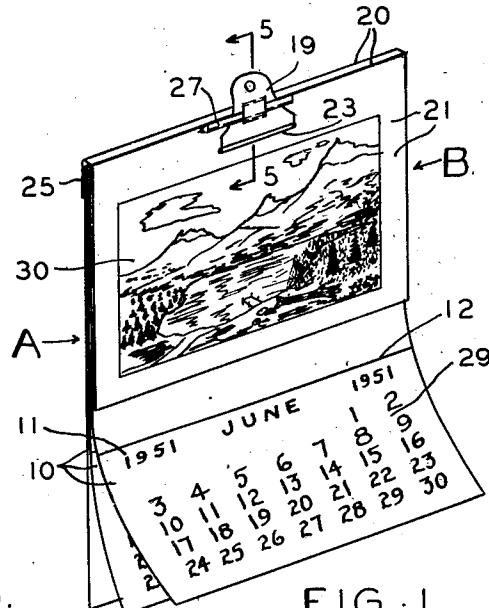


FIG. 1.

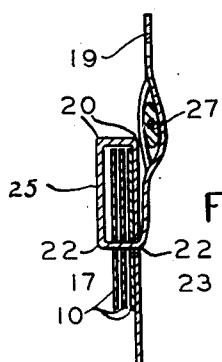


FIG. 5.

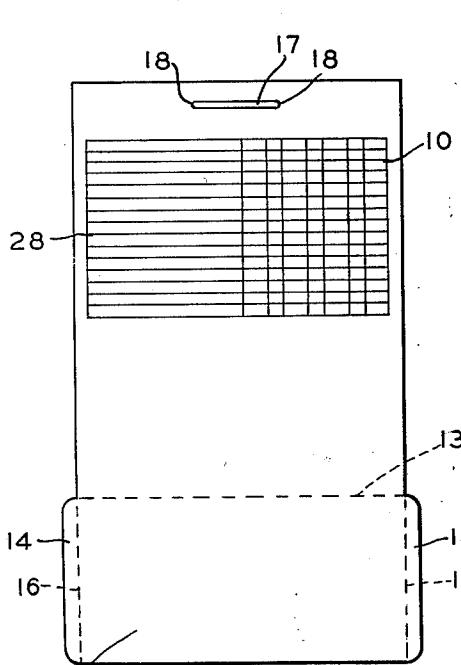


FIG. 3.

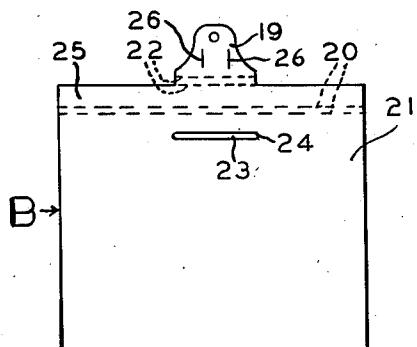


FIG. 2.

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## UNITED STATES PATENT OFFICE

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BINDER HANGER FOR LOOSE-LEAF  
SHEET CALENDARSOrion P. Winford, St. Paul, Minn., assignor to  
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4 Claims. (Cl. 283—2)

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My invention relates to a calendar where it is desirable to hold a series of loose-leaf sheets in a manner to display a part of the sheets below a binder. The sheets held by the binder may carry a pocket on the lower end of the same on which a calendar month is indicated or other illustrations or information may be indicated on the lower portion of the individual sheets.

A further feature is to provide a calendar with loose-leaf sheets held by a binder which extends down over the front of a portion of the individual sheets to cover approximately half of the topmost sheet. The binder holding the sheets may be made out of paper or other suitable similar material, and it is formed with a tongue which extends through a slot formed in the sheets and provides the hanger for supporting the calendar on a nail or hook when it is in use. The supporting tongue of the binder may also be formed with suitable vertical slots so as to provide a means of holding a pencil. The pencil, when in position in the tongue, prevents the tongue of the binder from slipping through the slots in the sheets, and the binder thus acts as a locking means to keep the binder and the sheets held securely together.

A feature resides in providing a calendar formed economically so that loose-leaf sheets may be supported in a simple manner when formed with a horizontal slot extending through the sheets and providing a binder with a supporting tongue and a slot in the front of the binder sheet through which the tongue extends and may be projected upward to act as the support for the loose-leaf calendar sheets.

In this manner I provide a calendar composed of a series of loose-leaf sheets which are supported by a paper binder formed of a single piece of material and which extends over the tops of the loose-leaf sheets to form a means of binding in the upper edges of the loose-leaf sheets to form a finished top over the upper edges of the loose-leaf sheets and to provide an efficient means of binding the sheets together so that the calendar can be hung upon the wall with all the sheets held by the binder, and yet when it is desired the individual sheets may be released from the binder so that the front sheet may be placed in the back of the series of sheets to retain the same for future reference, if it is desired.

The binder is adapted to provide a cover for the upper portion of the sheets, and when the binder is used to hold calendar sheets, it is desirable that this cover may support or have printed thereon a picture, preferably in color, to add to the attractiveness of the calendar when

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it is hung upon the wall. Thus, the cover sheet of the binder supports a picture and also acts to cover the top of the loose-leaf sheets.

In my calendar it is desirable to have a top cover sheet or member because usually the upper part of the calendar sheet is adapted to carry such indicia as cooking recipes, which may be used by the housewife and thus provide a kitchen calendar, or the upper portions of these sheets may carry indicia which is of interest to the farmer or other business interest which may be associated with the days of the year of the calendar, and by means of the pencil the user of the calendar can jot down any information on the tops of these sheets which he wishes to refer to later on, as related to the days of the year or the month. Thus I provide a very convenient and desirable form of calendar which may be referred to as a reference calendar as well as a kitchen calendar or a farm calendar with the above features and advantages inherent to the particular calendar.

A further feature of primary importance of my calendar resides in the economical construction of the same which I have developed by providing a paper binder and display sheet for the top of loose-leaf sheets, which is formed from a single piece of material and which has a broad bearing hanger tongue by which the calendar is supported to hold the sheets in true alignment one above the other.

These features together with the other objects and details will be more fully hereinafter set forth.

In the drawings forming a part of this application:

Figure 1 is a perspective of my binder hanger for loose-leaf sheet calendar.

Figure 2 illustrates the binder removed from the sheets of the calendar.

Figure 3 illustrates one of the sheets in its died-out form.

Figure 4 is an enlarged detail section showing the binder hanger in the act of being attached to or disengaged from the sheets.

Figure 5 is an enlarged detail section on the line 5—5 of Figure 1.

The calendar A is composed of a series of loose-leaf sheets 10 which are superimposed one upon the other and which may be in the form illustrated in Figure 3 when cut from a single piece of paper.

The sheets 10 may be formed at their lower free end with a pocket 11 so that articles may

be inserted in the pocket 11 through the top opening 12, if desired for future reference.

In forming the sheets 10, the lower free end of the sheet is adapted to extend and be folded on the transverse line 13 while flaps 14 are formed on each side so that when the portion 15 is folded up on the line 13 and the flaps 14 are folded on the vertical lines 16 and glued to the back of the sheet 10, the pocket 11 is formed.

Each sheet 10 is formed with a long horizontal slot or opening 17 with rounded ends 18 to add strength to the slots 17 at the ends to permit the sheets to be engaged through the slots 17 and supported in a group of sheets one upon the other.

I provide a sheet binder and hanger member B formed from a single piece of paper or similar material which is die-cut in the form illustrated in Figure 2 with a projecting hanger tongue 19. Transversely extending score lines 20 are formed in the binder sheet 21 to permit the same to be folded along the lines 20. Score lines 22 are formed transversely through the hanger tongue 19 to permit the same to be folded on the lines 22. A transverse slot or opening 23 is formed in the sheet 21, which also has rounded ends 24 to strengthen the ends of the slot against wear.

The binder hanger B is adapted to support the loose-leaf sheets 10 by passing the hanger tongue 19 through the slots 17 of the sheets and then forwardly through the slot 23 pulling the hanger tongue 19 up into the position illustrated in Figures 1 and 5. This operation engages all the sheets 10 and holds them by the binder hanger B in compact form so that the hanger may be used to hang the calendar A on the wall, as illustrated in Figure 1.

It will be apparent that the binder hanger B provides a finished top edge along the fold lines 20 while the front sheet 21 of the binder and the back flange 25 bind the top edges of the sheets 10 closely together and in a finished form.

The slots 17 and 23 are virtually the same length and long enough to form a wide bearing for supporting the sheets 10. The width of the tongue 19 at the point where it extends through the slots 17 and 23 is slightly less than the length of the slots 17 and 23, and thus the tongue 19 may be readily threaded through the openings 17 in the sheets and through the opening 23 in the front sheet 21.

The tongue 19 is formed with a pair of vertically disposed slots or openings 26 through which the pencil 27 may be threaded, as illustrated in Figures 1 and 5. The pencil 27 acts as a key to lock the binder hanger B to the sheets 10. The pencil also serves as an instrument for writing any indicia on the upper surface 28 of the sheets 10. The upper surface 28 and the sheets 10 may be lined and marked in a manner to correspond with the dates appearing on the calendar sheet so that indicia may be indicated on the sheet 10 to correspond with complementary calendar dates.

The front of the pocket 11 may have printed thereon indicia 29 to indicate the days of the month and to show a complete month on the front of the pocket. When the sheets 10 are formed without the pocket 11, the calendar may be printed on the lower end of the same or any other indicia may appear thereon. However, when the sheets are adapted to be used as calendar sheets, then the calendar month should appear thereon whether they carry a pocket on the lower end or not.

A feature of my binder hanger resides in providing an economical means of supporting the free or loose sheets 10 so that the sheets may be removed from the binder hanger whenever desired by removing the pencil 27 and unthreading the tongue 19 out of the slots 17. Then any of the sheets 10 may be placed back of the front sheets or the back sheets may be brought to the front, as may be desired. In a calendar of this character, which is desirable as a loose-leaf sheet calendar, it is usually desirable by the user of the calendar to save each of the calendar sheets by placing them back of each other after the month appearing on the front of the sheet has gone by. Then the user of this calendar A may have an opportunity to refer to any of the sheets of the calendar at any time. Some of the outstanding fields in which this calendar is used are termed kitchen calendars, farm calendars, machinery calendars, and so forth, all of which are more or less reference calendars so that information may be kept referring to the different days of the year and months thereof, which information usually is noted on the top portion 28 of the sheets 10.

It is also desirable to provide the front cover sheet 21 of the binder B as a means of supporting a picture 30, which may be attached to the front sheet in any simple manner or the picture 30 may be printed or lithographed or otherwise placed on the front sheet 21 of the binder hanger B.

The back surface of the sheets 10 may also be used for indicia (not illustrated in the drawings) of any character suitable to the particular general form of the calendar.

It will, therefore, be apparent that I have provided a very economical binder hanger for loose-leaf calendar which is adapted to support the sheets in true alignment with each other to form a neat appearance when the calendar hangs on the wall and to permit the sheets to be held by a supporting tongue having a long bearing surface contacting with the sheets through the slots 17 formed therein and to form a pencil receiving means in the hanger tongue which may act as a movable means for providing a lock to hold the binder hanger against disengagement with the sheets 10. However, it will also be apparent that when the sheets are supported by the hanger tongue 19 the upper end of the binder B wraps around the top edges of the sheets 10 in close proximity to the sheets and the sheets cannot be disengaged therefrom until the binder tongue 19 is disengaged from the supporting hanger on the wall.

The binder hanger may be readily removed from the sheets, as illustrated in Figure 4, to permit the loose-leaf sheets to be quickly changed in position in the binder or to attach the binder to the sheets.

I claim:

1. A calendar having a series of loose-leaf sheets, long transverse slots formed in said sheets near the top thereof, and a binder hanger means having a front sheet adapted to support said sheets one above the other and in alignment each with the other, a horizontal slot formed through said front sheet of said binder said binder hanger means including a hanger tongue extending from said front sheet and formed as a part of said binder adapted to be threaded through said openings in said sheets and through said opening of said front sheet of said binder and to extend beyond the top edge of said binder

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to provide a hanger for supporting said front sheet over said loose-leaf sheets in a loose-leaf manner.

2. A binder hanger for a series of loose-leaf sheets including a single sheet of paper providing a front display sheet and died out to provide a projecting hanger tongue from one edge thereof, said front sheet having a transverse slot formed thereon below said tongue, a series of sheets each having complementary slots formed therein and having fold lines extending horizontally formed along said binder adapted to cause the upper edge of said binder to be folded and wrapped around the upper edge of the loose-leaf sheets with said tongue of said binder passing through said slots in said sheets and out of the slot in said binder and extending upwardly to form a hanger which binds the loose-leaf sheets together when in hanging position with said front sheet depending over said sheets and on which display material may be mounted.

3. A binder hanger for loose-leaf calendar including a single member in the form of a front sheet adapted to receive a picture and illustration on the face thereof, the upper portion of said front sheet having a transverse slot formed therein, a hanger tongue projecting and integrally formed with said front sheet extending from the top thereof having an opening in the free end to provide means for attaching the hanger to the wall, a series of loose-leaf sheets of the calendar adapted to receive indicia and each

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having complementary slots formed in the upper edges thereof through which said tongue is adapted to extend and project to form hanger means for the sheets and position said front sheet over said sheets with said tongue exposed on said front sheet and slot means formed in said tongue for attaching a writing instrument thereto.

4. In a loose-leaf calendar display, a front display sheet portion, a series of loose-leaf sheets each having an opening formed therein, a binder portion extending from said front sheet, said front sheet portion having an opening formed therein, a tongue member extending from said binder portion and adapted to be inserted through said slots of said sheets and said slot of said front sheet and folded upwardly against the front surface of said front sheet to bind said sheets together and provide a hanger for said sheets and said front sheet on which pictures and the like may be mounted.

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25 25 The following references are of record in the file of this patent:

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