(No Model.) 2 Sheets—Sheet 1.

R. SHRIVER.

ADJUSTABLE INDICATOR FOR CALENDARS.

No. 346,132. Patented July 27, 1886.

FIG. 1.

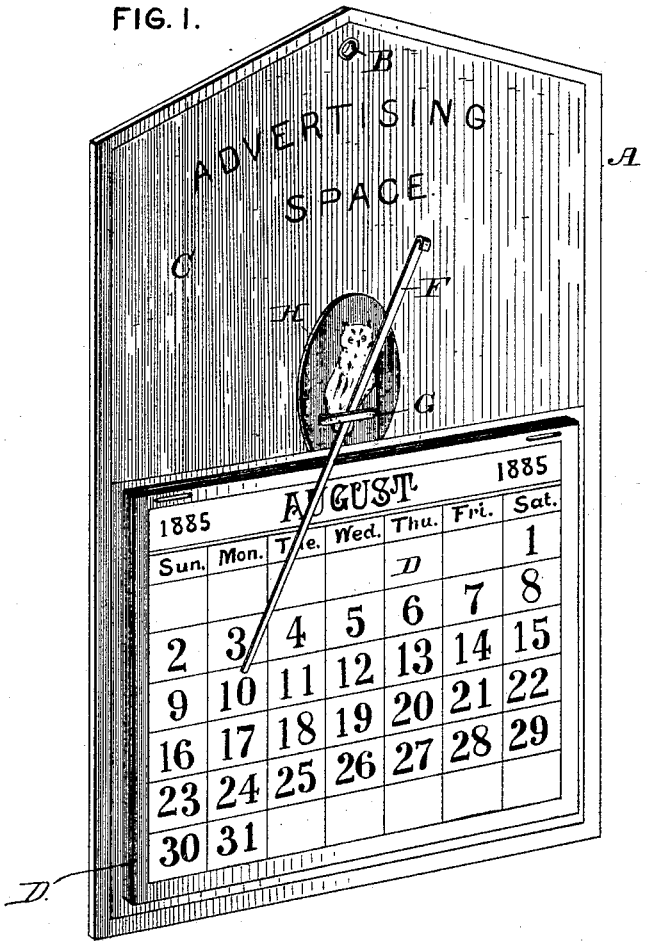


FIG. 2.

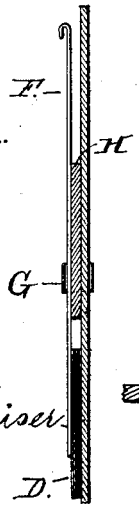


FIG. 3.

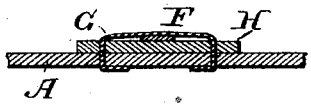
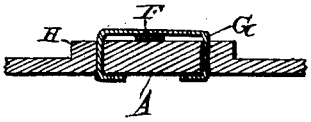


FIG. 8.



ATTEST

J. Henry Kaiser

E. Everett Ellis

Robert Shriver

INVENTOR.

By Atty

Wm. C. R. W. Fritz

(No Model.) 2 Sheets—Sheet 2.

R. SHRIVER.

ADJUSTABLE INDICATOR FOR CALENDARS.

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FIG. 4.

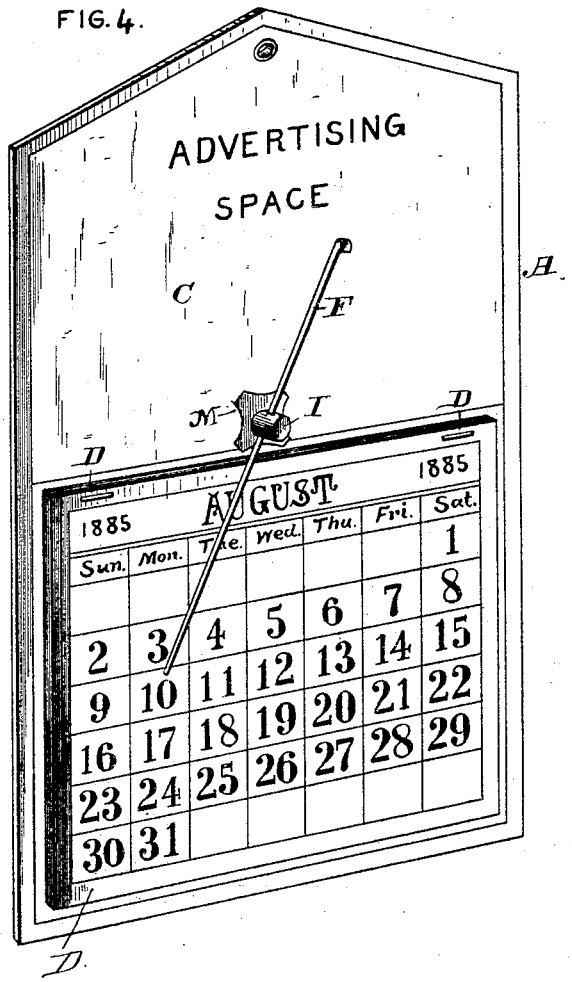


FIG. 5.

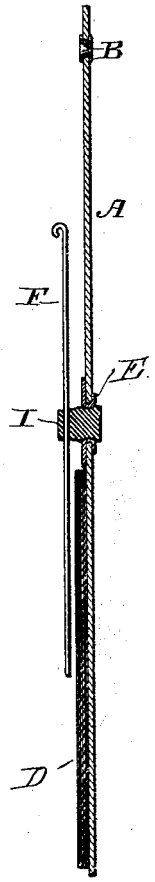


FIG. 6.

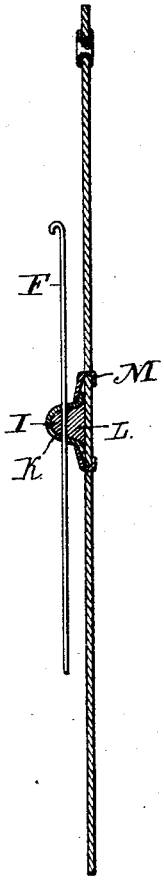
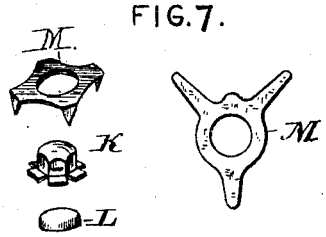


FIG. 7.



ATTEST.

J. Henry Kaiser.

E. Everett Ellis

Robert Shriver
INVENTOR.
By atty
Hm. C. Rice Entire

UNITED STATES PATENT OFFICE.

ROBERT SHRIVER, OF CUMBERLAND, MARYLAND.

ADJUSTABLE INDICATOR FOR CALENDARS.

SPECIFICATION forming part of Letters Patent No. 346,132, dated July 27, 1886.

Application filed May 20, 1886. Serial No. 202,793. (No model.)

To all whom it may concern:

Be it known that I, ROBERT SHRIVER, a citizen of the United States, residing at Cumberland, in the county of Allegbany and State of Maryland, have invented new and useful Improvements in Adjustable Indicators for Calendars, of which the following is a specification.

My invention relates to certain new and useful improvements in indicators for calendars, and particularly to that class of calendars in which monthly leaflets are attached to a supporting-back of card-board or its equivalent, though it may be applied successfully to other kinds.

In the class of calendars to which my invention relates no means have been provided through which by daily manipulation the successive days of the month are positively pointed out or indicated, but, on the contrary, it becomes necessary to drop the subject engrossing the thoughts, and call upon the mind to determine the exact day and date, and consequently frequent errors are committed.

The object of my invention is to relieve the user from any mental operation to determine a correct date, and to depend entirely upon a mechanical indicator which shall be capable of any desired adjustment, and which, when adjusted, will direct the eye at once to the correct date; and with this end in view my invention consists of an indicator adapted to be secured to the backing or support of a calendar which shall be capable of longitudinal adjustment, and also capable of a pivotal or vibratory motion, in order that its extreme end may be adjusted or set to indicate any point within its reach.

My invention further consists of the combination, with a calendar-support and a movable indicator, of a supporting-head for retaining the latter in any desired adjustment, such head being formed integral with or separate from and secured to the card-board, as will be hereinafter set forth.

My invention further consists of the details of construction hereinafter described and specifically claimed.

In order that those skilled in the art to which my invention appertains may fully understand the same, I will proceed to describe the construction and mode of operation as I have practiced it, referring by letters to the accompanying drawings, in which—

Figure 1 is a perspective view illustrating a calendar of that class in which a series of monthly leaflets are secured to a suitable backing in such manner that the leaflets may be successively removed to expose others in order. Fig. 2 is a section in detail taken in a vertical line through the indicator. Fig. 3 is a transverse section. Fig. 4 is a view similar to Fig. 1, but showing a modification in the form of the indicator-holder. Fig. 5 is a vertical section similar to Fig. 2. Fig. 6 is a similar section showing another form of indicator-support. Fig. 7 represents the separate parts which may be employed to constitute any of the forms shown at Figs. 3, 4, and 5; and Fig. 8 represents in section the head formed integral with the card-board.

In the several figures similar letters of reference indicate like or substantially like parts.

A represents a support or backing, which is preferably made of card-board, with a suitable eyeleted hole, B, at the top for suspending the calendar.

C is an advertising-space, below which is secured by staples or eyelets D a series of monthly leaflets, printed in the usual manner.

Arranged centrally with reference to the leaflets D, and just above the same, I secure to the support or backing A a holder or head for an indicator, F. As shown at Figs. 1, 2, and 3, this head consists of an ordinary flat metal staple, G, the legs of which are passed through the backing A and clinched or turned down, as most clearly shown at Fig. 3; and where the indicator is used in connection with a series of monthly leaflets, I interpose between the staple and the backing A a piece of card-board or other suitable material, H, of a thickness equal to that of the series of leaflets D, in order that the indicator F, when placed in position, shall lie in a plane coincident with the exterior surface of the first-exposed leaflet.

In securing the staple G and interposed piece of card-board H in place, I place the indicator F between the staple and the piece of card-board H, in order that when the legs of the staple G are passed through the backing A and clinched or turned down, the space

between the piece of card-board H and the staple will be just sufficient to receive and hold by friction the indicator F.

It will be understood in this connection that when my indicator is used in connection with a calendar in which the several months and the days thereof are printed upon a single plane surface it may not be necessary to use the interposed piece of card-board H, though I prefer to do so.

From the construction shown it will be understood that the indicator or pointer F may be moved or adjusted longitudinally under the staple G and then vibrated upon its point of friction between the staple and the piece of card-board H in such manner as to bring its point to the figure "10," as seen at Fig. 1 of the drawings, or to any other figure or set of figures within the range of its adjustment, where, for all practical purposes, it will be securely held, so that a glance at the calendar will instantly show the exact day and date.

At Figs. 4, 5, and 6 of the drawings I have shown the indicator F as passing through a rotary hub, I, which may be made of any suitable material and secured in any desired manner to the backing of the calendar. When this mode of securing the indicator is employed, the hub I may be secured in place at the factory, as shown at Fig. 5, which illustrates a rotary hub, I, confined within a metal eyelet, E, which is secured to the card-board in an obvious manner, as shown; or the parts may be so constructed, as indicated at Figs. 4, 6, and 7, as that they may be sold separately from the calendar and secured in place by an ordinarily handy person.

At Fig. 7, K represents a hub composed of a cap-shaped piece of sheet metal; L, a piece of cork or equivalent material adapted to fit within the cap K, and M or N suitably-shaped pieces of sheet metal adapted to pass over the cap K and secure it in place, as clearly shown in section at Fig. 6.

Many other modifications than those shown may, of course, be adopted without departing from the spirit of my invention.

In lieu of passing the legs of the staple, or its equivalent, through the interposed card-board H and backing A, the staple G or hub I may be secured to a small piece of card-board and the latter secured permanently in place upon the calendar-backing A by the employment of any suitable adhesive material.

What I claim as new, and desire to secure by Letters Patent, is—

1. In combination with the backing or support A of an ordinary calendar, a longitudinally and axially adjustable indicator, F, substantially as and for the purpose set forth.

2. An indicator for calendars, consisting of a pointer, F, and hub attached to the calendar-backing, and permitting axial and longitudinal adjustment of the pointer F, substantially as and for the purpose set forth.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

ROBERT SHRIVER.

Witnesses:
J. L. GRIFFITH,
F. M. OFFUTT.