May 6, 1924. **1,492,601**

I. LEIBOWITZ

CALENDAR

Filed July 24, 1923 2 Sheets-Sheet 1

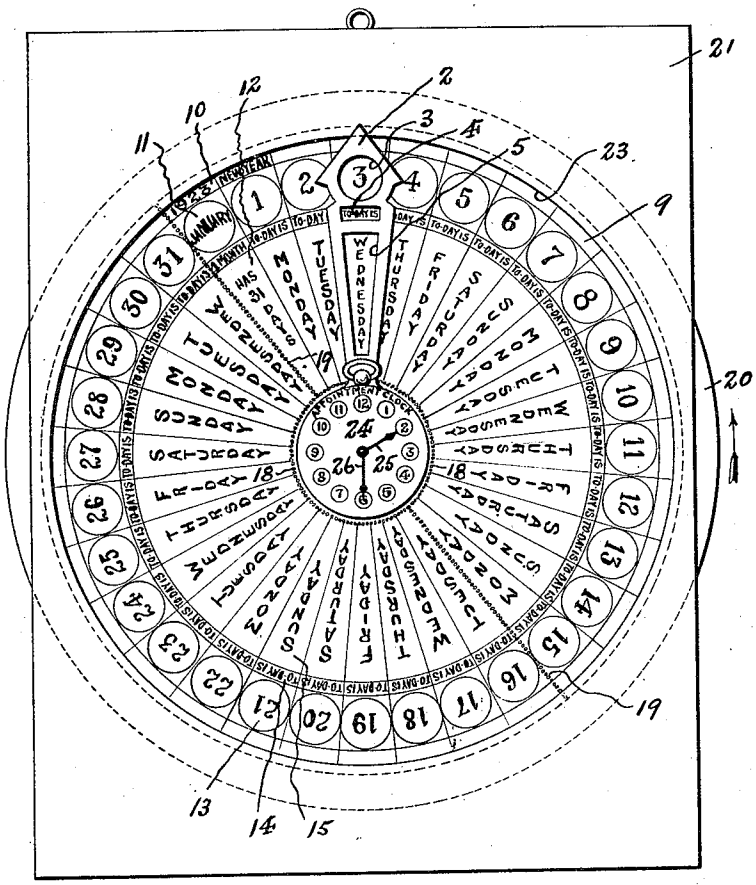


Fig. 1

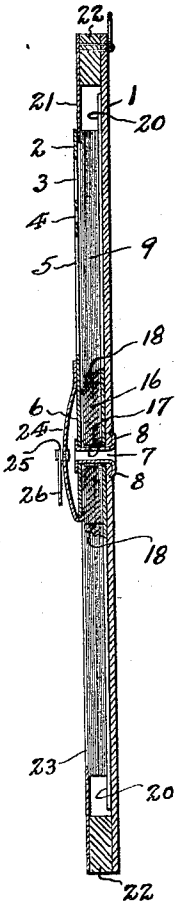


Fig. 2

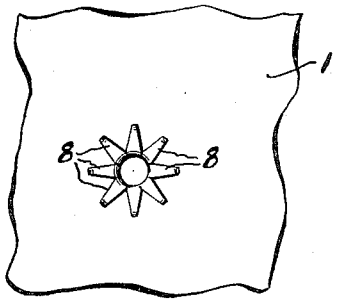


Fig. 3

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Isaac Leibowitz,
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Frantzen and Richards,
ATTORNEYS.

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I. LEIBOWITZ

CALENDAR

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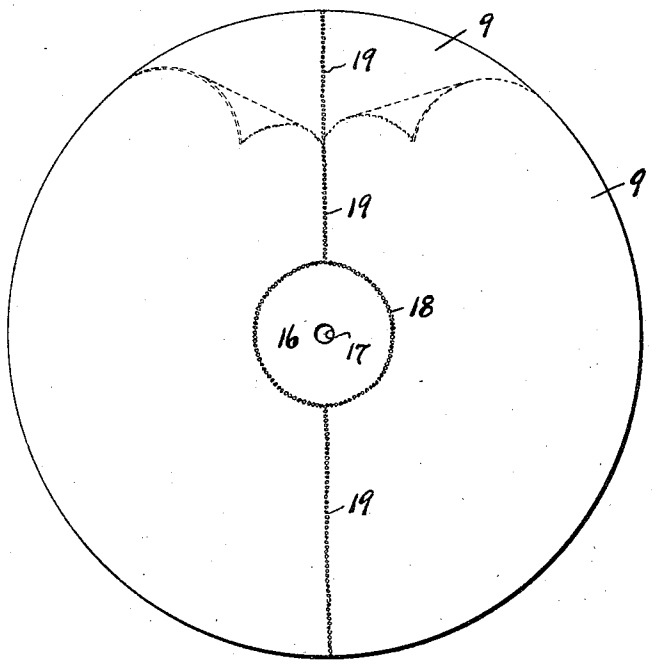


Fig. 4

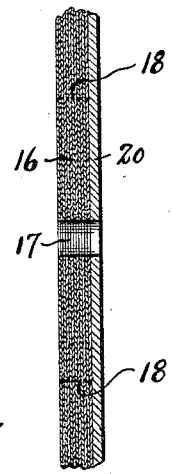


Fig. 5

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Patented May 6, 1924. 1,492,601

UNITED STATES PATENT OFFICE.

ISAAC LEIBOWITZ, OF BROOKLYN, NEW YORK.

CALENDAR.

Application filed July 24, 1923. Serial No. 653,419.

To all whom it may concern:

Be it known that I, ISAAC LEIBOWITZ, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Calendars; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to characters of reference marked thereon, which form a part of this specification.

This invention relates, generally, to improvements in calendars, and the invention has for its principal object to provide a novel construction of calendar having a pad of rotatable leaves carrying the calendar data in radial panels, said pad being mounted for rotation relative to a fixed indicating or pointer member whereby a desired panel may be registered with said indicating or pointer member to indicate a given day of the month.

The invention has for a further object to provide a novel construction of calendar pad having a central hub portion to which the leaves are detachably connected, said leaves being perforated in a novel manner to permit of the tearing away of the calendar leaf containing data for a transpired month.

Another object of this invention is to provide in connection with the fixed indicating or pointer member a clock dial having movable hands to render the same serviceable as an appointment clock.

Other objects of this invention, not at this time more particularly enumerated, will be clearly understood from the following detailed description of the same.

The invention is clearly illustrated in the accompanying drawings, in which:—

Figure 1 is a front elevation or face view of the novel calendar made according to and embodying the principles of this invention; Figure 2 is a vertical longitudinal section through the same; Figure 3 is a fragmentary rear elevation or back view of the same; Figure 4 is a detail face view of the calendar sheets, showing in dotted line the method of tearing the same away from the pad thereof; and Figure 5 is a frametary vertical longitudinal section through the hub portion of the calendar pad, drawn on an enlarged scale.

Similar characters of reference are employed in all of the above-described views, to indicate corresponding parts.

Referring now to said drawings, the reference character 1 indicates a base or back member upon which the novel calendar pad and indicating or pointer means therefor are mounted. The reference character 2 indicates the body of the indicating or pointer means, which is made in the shape of a pointer or hand, and which is provided with a plurality of openings 3, 4 and 5 with which the date panels, statement panels, and day panels of the calendar leaves may be respectively registered so as to be readable through said openings. The inner end of said hand is formed by a disc-like base element or member 6, to which is secured a rearwardly extending spindle element 7, preferably made in tubular form, and provided at its rear end with a plurality of clenching prongs 8. Said spindle element 7 is preferably made of metal, and the indicator or pointer element and its base may be made of sheet metal, card-board, fibre or any other comparatively rigid material. In assembling said indicator or pointer element with the base or back member 1, the prongs 8 of the spindle element 7 are pierced through the body of the base or back member 1, so as to project rearwardly therefrom, said rearwardly projecting portions then being turned down and clenched into the body of said base or back member, thus rigidly and non-rotatably fixing the indicator or pointer element in outwardly spaced relation to the base or back member, with the main body of the spindle extending between the latter and the base element 6.

The calendar pad comprises twelve circular sheets or leaves 9, one for each month of the year. The face of each sheet is divided into a plurality of radial panels, one of which is subdivided to provide a year subdivision 10, a month subdivision 11, and a third subdivision 12 to contain a statement of the number of days in the month to which the particular sheet or leaf is devoted, and the remaining panels are subdivided to provide a date subdivision 13, a second subdivision 14 to contain a statement or legend, such as, "Today is", and the remaining subdivision 15 contains the name

of the day of the week upon which the date associated with the given panel falls. The central portions of the sheets or leaves 9 are glued together in inseparable relation, to thus provide a central hub portion 16, which is provided with a central perforation or opening 17. A circular line of perforations 18 divide the free outer portions of the calendar sheets or leaves from the interconnected or fixed together central portions thereof which together form the hub portion 16 of the pad; and each sheet or leaf is provided with lines of perforations 19 through the body of the free portions thereof, which lines of perforations are preferably extended diametrically outward to the free circumference of each sheet or leaf.

I prefer to glue or otherwise secure the pad of calendar sheets, constructed as above described, by the hub portion thereof, to a rotatable carrier disc 20, preferably made of card-board, and possessing a diameter somewhat larger than the width of the base or back member 1, so that the marginal portions of said carrier disc 20 project outside of or beyond the side edges of said base or back member 1.

The calendar pad and its carrier disc are mounted on said spindle element 7, so as to be disposed between said base or back portion 1 and the indicator or pointer element, and so as to be capable of being rotated upon said spindle element 7, whereby the exposed or top calendar sheet may be adjusted to bring into registration with the openings 3, 4 and 5 of the indicator or pointer element any desired panel of the sheet to register the calendar data contained therein with the indicator or pointer element. The calendar pad may be thus rotated by grasping the free projecting edges of the carrier disc 20 to manually impart the desired rotative movement thereto.

If desired a cover member or face plate 21 may be secured by its top and bottom marginal portions to said base or back member 1, either directly or together with intermediate spacing strips 22, as shown in Figure 2. Said cover member or face plate 21 is provided with a large central opening 23 to expose the top calendar sheet, said opening 23 being, however, slightly smaller in diameter than is the calendar pad, so that the marginal portions of the former engage over the marginal portions of the latter to hold the same against undue loose flapping or fluttering. It is not absolutely essential to employ said cover member or face plate 21, particularly if the sheets of the calendar pad are comparatively stiff, and consequently I do not desire to limit myself entirely to the use of such element.

At the end of a month, when it is desired to remove the sheet for such transpired month to disclose the sheet for the ensuing month, the user merely tears the former through the lines of perforations 19 and 18 (in the manner indicated in Figure 4), thus dividing the sheet through the center and severing the same from the fixed hub portion 16, and thus exposing the sheet for said ensuing month.

In order to provide an additional convenience in connection with the novel calendar, I secure to the base element or member 6 of the indicator element or pointer a face plate 24 having inscribed thereon the numerals of a clock dial, and I pivotally attach to the center of said face-plate 24 a pair of movable clock hands 25 and 26, which may be manually moved to positions relative to the clock dial adapted to indicate any given hour or fraction thereof, thus providing a very serviceable and convenient appointment clock in connection with the calendar.

I am aware that some changes or variations in the above described calendar structure may be made without departing from the scope of this invention; hence, I do not limit myself to the exact arrangements and combinations of the several devices and parts as described in the foregoing specification, nor do I limit myself to the exact details of the construction of the same as illustrated in the accompanying drawings.

I claim:—

1. A calendar, comprising a back member, an indicator element having a rearwardly projecting spindle element, means for securing said spindle element to said back member to hold said indicator element in fixed position, a circular calendar pad having a leaf for each month, each leaf having radial panels to contain monthly calendar data, said leaves being inseparably secured together at their central portions to provide a central hub portion in connection with the pad, said hub portion having a central opening for rotatably mounting said pad upon said spindle intermediate said back member and said indicator element so that the panels of the exposed leaf may be selectively registered with said indicator element, and the free portion of each leaf being separably connected by lines of perforations with the central hub portion of the calendar pad.

2. A calendar, comprising a back member, an indicator element having a rearwardly projecting spindle element, means for securing said spindle element to said back member to hold said indicator element in fixed position, a circular calendar pad having a leaf for each month, each leaf having radial panels to contain monthly calendar data, said leaves being inseparably secured together at their central portions to provide a central hub portion in connection with the

pad, said hub portion having a central opening for rotatably mounting said pad upon said spindle intermediate said back member and said indicator element so that the panels of the exposed leaf may be selectively registered with said indicator element, and the free portions of each leaf having a circular line of perforations separably connecting the same with said central hub portion of the calendar pad, and each leaf being further provided with radial lines of perforations dividing the same into separable sections.

3. A calendar, comprising a back member, an indicator element having a rearwardly projecting spindle element, means for securing said spindle element to said back member to hold said indicator element in fixed position, a circular calendar pad having a leaf for each month, each leaf having radial panels to contain monthly calendar data, said leaves being inseparably secured together at their central portions to provide a central hub portion in connection with the pad, a carrier disc to which the hub portion of said calendar pad is fixed, said carrier disc possessing a diameter larger than the width of said back member so that its marginal portions project outwardly beyond the sides of the latter, said calendar pad and its carrier disc having a central opening for rotatably mounting the same upon said spindle intermediate said back member and said indicator element so that the panels of the exposed leaf may be selectively registered with the latter, the free portions of each leaf having a circular line of perforations separably connecting the same with said central hub portion of the calendar pad, and each leaf being further provided with radial lines of perforations dividing the same into separable sections.

4. A calendar, comprising a back member, an indicator element having a rearwardly projecting spindle element, means for securing said spindle element to said back member to hold said indicator element in fixed position, a circular calendar pad having a leaf for each month, each leaf having radial panels to contain monthly calendar data, said leaves being inseparably secured together at their central portions to provide a central hub portion in connection with the pad, a carrier disc to which the hub portion of said calendar pad is fixed, said carrier disc possessing a diameter larger than the width of said back member so that its marginal portions project outwardly beyond the sides of the latter, said calendar pad and its carrier disc having a central opening for rotatably mounting the same upon said spindle intermediate said back member and said indicator element so that the panels of the exposed leaf may be selectively registered with the latter, the free portions of each leaf having a circular line of perforations separably connecting the same with said central hub portion of the calendar pad, each leaf being further provided with radial lines of perforations dividing the same into separable sections, and a face plate secured by its upper and lower ends to said back member to extend over said calendar pad, said face plate having a central opening to expose the exposed inscribed faces of the calendar leaves.

5. A calendar, comprising a back member, a fixed indicator element having a rearwardly projecting spindle interconnecting the same with said back member, a circular calendar pad comprising a plurality of calendar leaves rotatably mounted on said spindle intermediate said back member and said indicator element and thus movable to register selectively with said indicator element desired data of the exposed leaf of said calendar pad, means rendering each calendar leaf separable from said calendar pad, said indicator elements being provided with a face plate inscribed with a clock dial, and manipulatable clock hands centrally pivoted on said face plate to cooperate with said clock dial.

6. A calendar, comprising a back member, an indicator element having a rearwardly projecting spindle element, means for securing said spindle element to said back member to hold said indicator element in fixed position, a circular calendar pad having a leaf for each month, each leaf having radial panels to contain monthly calendar data, said leaves being inseparably secured together at their central portions to provide a central hub portion in connection with the pad, a carrier disc to which the hub portion of said calendar pad is fixed, said carrier disc possessing a diameter larger than the width of said back member so that its marginal portions project outwardly beyond the sides of the latter, said calendar pad and its carrier disc having a central opening for rotatably mounting the same upon said spindle intermediate said back member and said indicator element so that the panels of the exposed leaf may be selectively registered with the latter, the free portions of each leaf having a circular line of perforations separably connecting the same with said central hub portion of the calendar pad, each leaf being further provided with radial lines of perforations dividing the same into separable sections, said indicator elements being provided with a face plate inscribed with a clock dial, and manipulatable clock hands centrally pivoted on said face plate to cooperate with said clock dial.

7. A calendar, comprising a back member, an indicator element having a rearwardly projecting spindle element, means for securing said spindle element to said back member

to hold said indicator element in fixed position, a circular pad having a leaf for each month, each leaf having radial panels to contain monthly calendar data, said leaves being inseparably secured together at their central portions to provide a central hub portion in connection with the pad, a carrier disc to which the hub portion of said calendar pad is fixed, said carrier disc possessing a diameter larger than the width of said back member so that its marginal portions project outwardly beyond the sides of the latter, said calendar pad and its carrier disc having a central opening for rotatably mounting the same upon said spindle intermediate said back member and said indicator element so that the panels of the exposed leaf may be selectively registered with the latter, the free portions of each leaf having a circular line of perforations separably connecting the same with said central hub portion of the calendar pad, each leaf being further provided with radial lines of perforations dividing the same into separable sections, and face plate secured by its upper and lower ends to said back member to extend over said calendar pad, said face plate having a central opening to expose the exposed inscribed faces of the calendar leaves, said indicator elements being provided with a face plate inscribed with a clock dial, and manipulatable clock hands centrally pivoted on said face plate to cooperate with said clock dial.

In testimony, that I claim the invention set forth above I have hereunto set my hand this 20th day of July, 1923.

ISAAC LEIBOWITZ.

Witnesses:

GEORGE D. RICHARDS,

ADOLPH HANSEN.