No. 792,641. PATENTED JUNE 20, 1905.

C. T. WILBER.

PERPETUAL CALENDAR AND OFFICE TICKLER.

APPLICATION FILED JAN. 15, 1904.

2 SHEETS—SHEET 1.

Fig. 1.

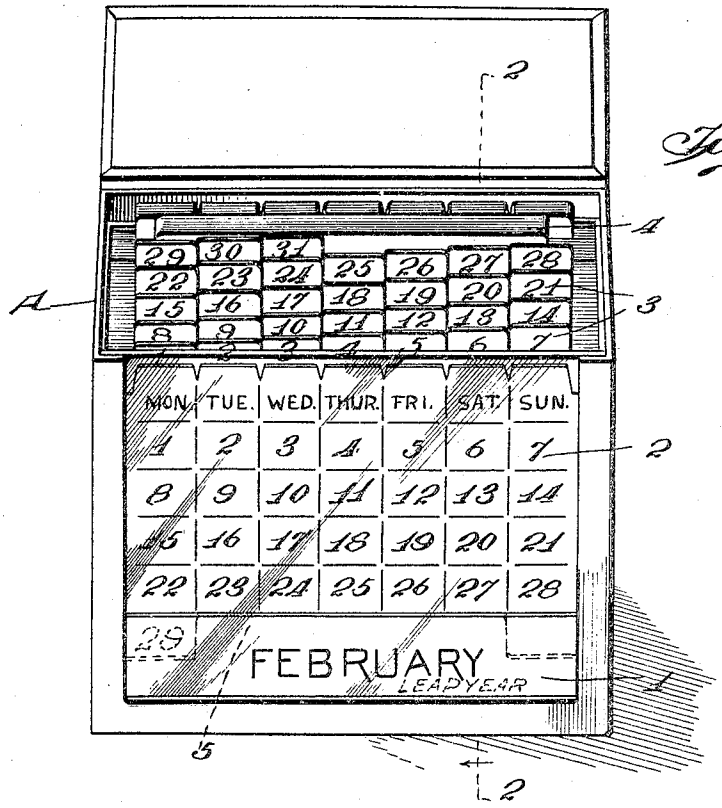
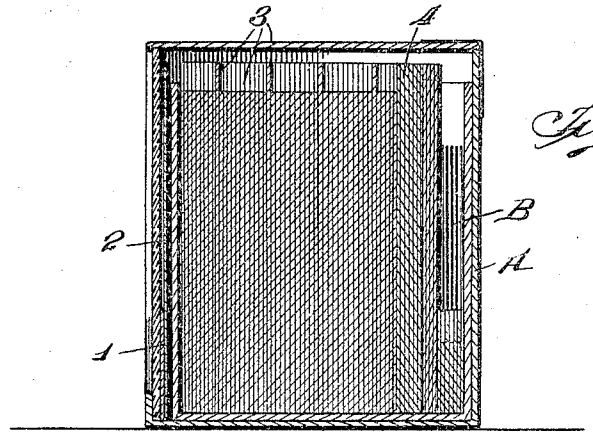


Fig. 2.



Witnesses

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2 SHEETS—SHEET 2.

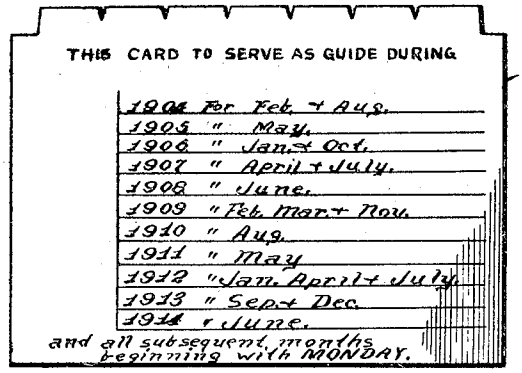
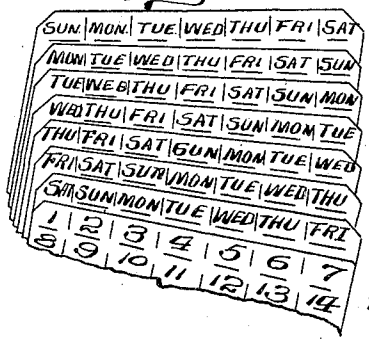


Fig. 3.

Fig. 7.



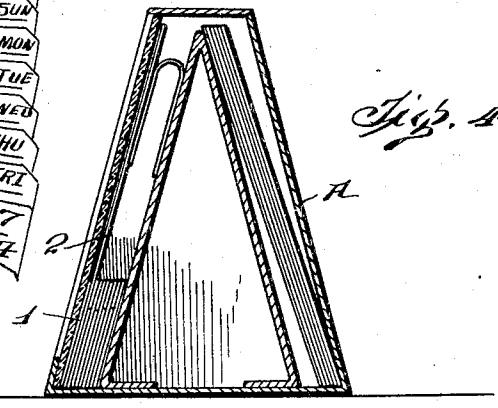


Fig. 4.

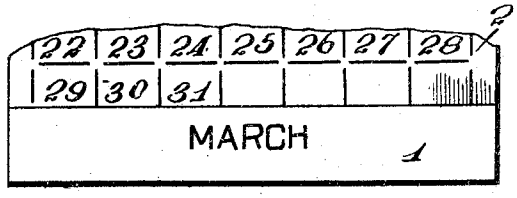


Fig. 5.

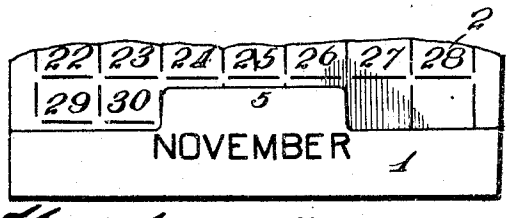


Fig. 6.

Witnesses

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UNITED STATES PATENT OFFICE.

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PERPETUAL CALENDAR AND OFFICE-TICKLER.

SPECIFICATION forming part of Letters Patent No. 792,641, dated June 20, 1905.

Application filed January 15, 1904. Serial No. 189,196.

To all whom it may concern:

Be it known that I, CHARLES T. WILBER, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Perpetual Calendars and Office-Ticklers; 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.

This invention relates to a perpetual calendar and office-tickler composed of guide-cards indexed to the month-day and week-days, the former numerically and the latter in series also to the same, in combination with a series of daily index-cards arranged numerically to correspond with the month-days and in series with the week-days, so that all weekly divisions or series of days of the indicating-calendar are arranged in easily-identified series in the monthly numerical divisions.

My invention further relates to the combination of month-cards with the days thereof arranged in proper numerical series with an accompanying index whereby the cards may be readily identified to apply them to the proper month or months for a term of years, and further relates to means whereby regardless of the fact that any particular card may contain more than the required quota of day-indicating numbers (or an excess of days) for a certain month or a plurality of months the said card is adapted for use as an indicator for a month containing a less number of days.

The object of the invention is to produce a device which may be used as a so-called "perpetual calendar" which may be used for a term of years, in conjunction with means whereby removable and interchangeable memorandum-cards are provided corresponding to the months and days of a month, said latter cards being numerically arranged and provided with indicating-tags corresponding with the days of the weeks in series of sevens.

The invention consists in certain novel constructions, combinations, and arrangements of parts, as will be hereinafter described and specifically claimed.

In the drawings, Figure 1 is a perspective view of my improved device. Fig. 2 is a sectional view thereof; Fig. 3, a rear view of a column-card; Fig. 4, a vertical sectional view showing a modification; Figs. 5 and 6, fragmentary views of column-cards hereinafter referred to.

In the subjoined description of my invention and in the claims in some instances parts thereof will be referred to by arbitrary titles for convenience in distinguishing them and to promote brevity of description, as follows: "month-cards" 1, those upon which the names of the months appear; "column-cards" 2, those upon which appear the names of or abbreviations for the days of the week, with numbers in series of seven arranged in conjunction therewith; "day-cards" 3, the series of separate cards, each of which carries an indicating-number arranged numerically in series of seven in line with the names of the days upon the column-cards; "monthly-index cards" 4, those cards of relatively large size, upon which the names of the months appear, which cards are designed to be used as partitions or separating means between which matter relating broadly to month-divisions is to be temporarily placed to be afterward sorted and placed between the proper day-cards. "Daily index" will be understood to mean the names of the days of the week or the commonly-used abbreviations therefor.

First to be considered are the column-cards 2. These cards are all arranged with thirty-one numbers thereon arranged horizontally, numerically, and vertically in series of sevens, said numbers in each case appearing in at least four parallel longitudinal full rows, and commencing with the uppermost number line there will appear seven numbers from "1" to "7," both inclusive. In the second row will appear seven additional numbers "8" to "14," inclusive. The two next rows contain each seven numbers consecutively arranged, and the last or bottom row has the numbers "29," "30," and "31" therein. Above the numbers on each card appear the names of the days of the week or the customary abbreviations therefor. On one card appear the names of the week commencing with Sunday and terminating with Saturday, and each suc-

ceeding card has the full quota of names of days, but each card commences with a different name. Thus in the succeeding cards Monday, Tuesday, Wednesday, Thursday, Friday, and Saturday have precedence as to the first day-name, and each is followed by the other day-names in regular order to include the full quota of seven day-names. It will be apparent that seven column-cards are to be used in the device, and in each the numbers are consecutively arranged under different introductory days, commencing with No. 1 in each instance. Owing to the established calendar division of days it is evident that the first day of a month occurs in coincidence with a particular day, as Monday, in some instances more than once in a given year, and such arrangement varies from year to year. In consequence of this the column-card herewith illustrated in Fig. 1 is applicable as to its four upper rows to the month of February and August in 1904, to May in 1905, to January and October in 1906, and thus continuing may be used for an indefinite time during the existence of the calendar itself. However, as the month of February, 1904, this being a leap-year, contains twenty-nine days instead of the full thirty-one printed on the card-exhibit of the drawing, a month-card of proper contour is used in conjunction with the column-card, the month-card containing a shield portion 5, designed to hide the numbers "30" and "31." This month-card is interposed between the column-card and the observer, as shown in the drawing, thereby exposing twenty-nine day-number only. (See Fig. 1.) For February of all years but leap-years the February month-card will be so formed as to cover the numbers "29," "30," and "31." (See dotted lines of Fig. 1.) For months as November, April, &c., the month-card will be of such contour as to expose the numbers "29" and "30," but to hide the number "31." (See Fig. 6.) For months with thirty-one days a month-card large enough to indicate its name, but small enough to expose the numbers "29," "30," and "31," will be used. (See Fig. 5.) For convenience of operation the reverse side of the column-cards are printed with matter of information, showing for which months each of the seven column-cards may be used for a predetermined series of years, as in Fig. 3. Thus it is obvious that each column-card contains its quota of numbers properly arranged in coincident columns with the days and, in addition thereto, information as to when each of said cards is properly available as a current-month calendar.

Arranged in series consecutively in the case A are thirty-one day-cards, each of which has an upwardly-extending tag either integral therewith or substantially permanently affixed thereto, said tags being of such size that seven of them will extend substantially across the transverse axis of the case and be supported in alinement with the day-names on the column-card. The said day-cards are thus arranged in the case in series of sevens, there being four complete series and a fraction thereof in addition. As the day-numbers of all months begin at "1" on the column-cards, it is evident that the vertical reading of the column-cards and longitudinal reading of the day-cards must correspond. Thus the third Monday of February, 1904, is the 15th, and the third-day-card tag at the left-hand side of the case indicates likewise the 15th or corresponding receptacle or space for memoranda to be considered on that date. Each month-day has its corresponding space, and each space corresponds relatively with its proper vertical reading of the column-card.

Behind the day-cards are serially arranged at the commencement of the year the monthly-index cards, twelve in number and each bearing the name of a calendar month. It is intended when desirable to preserve data for any month other than the then current month that such data shall be written or printed on dated memorandum-slips and placed in proper position in juxtaposition to its proper monthly-index card, there to remain until such month shall arrive and become a month current, when its data is properly distributed between the day-cards, from which it may be extracted from day to day as the days of the month shall arrive.

In operating the system thus presented the proper column-card is placed in case A, where its numerical side will be visible, and there supported. The proper month-card will be dropped in position before the column-card. The surplus column-cards are placed in a convenient receptacle, as B in case A, and the monthly-index cards are serially arranged behind the day-cards. The day-cards may be left in position, if desired, or may be moved from day to day, so that the foremost card will represent the current day. In case the cards are to be rearranged for another month it is advisable to place behind the set of day-cards for a given month a month-card and a column-card for the following month, and as the days of the current month pass such day-cards are shifted one at a time to the rear of the interposed column-card for the next month, whereby the column-cards for current months and the next following month are both available with the day-cards. Thus assuming February to be a month current, on the 1st of February the February-column card is placed in position to be exposed in the front of the case. The March month-card and March-column card are placed behind the day-cards, and as the days of February pass the day-cards are shifted behind the March-column card. On the last day of February the February-column card is removed from its exposed position, and the March-column card is

substituted therefor, and for the March month and column cards the April month and column cards are substituted.

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

1. A device of the character described comprising a series of column-cards having numerals indicating the days of the month, and shields indicating the months and shaped to expose to view the columns in accordance with the numbers of days belonging to the current month.

2. A device of the character described comprising a series of column-cards having numbers thereon indicating the days of the month, a removable month-indicating shield for each month coöperating therewith, such shield having a projecting covering portion arranged in accordance with the particular month named for hiding a portion of the numbers upon the column-cards.

3. In a device of the character described, a series of column-cards on which appear numbers in horizontal rows consecutively arranged, and also containing information indicating when such cards are available to indicate current-month days, in combination with a plurality of day-cards consecutively arranged in series corresponding with the vertical numbers on said column-cards.

4. In a device of the character described, a series of column-cards on which appear numbers in horizontal rows consecutively arranged, and also containing information indicating when such cards are available to indicate current-month days, in combination with a plurality of day-cards consecutively arranged in series corresponding with the vertical numbers on said column-cards, and a number of monthly-index cards coöperating therewith.

5. In a device of the character described, a series of "column-cards," "month-cards" adapted to hide a portion thereof, and a plurality of "day-cards" with indicating-tags thereon which are arranged in series determined by the data on said column-cards.

6. In a device of the character described, a series of "column-cards," "month-cards" cooperating therewith, and day-cards arranged in conjunction therewith, said day-cards having indicating-tags numbered in series corresponding with the serial arrangement of said column-cards.

7. In a device of the character described, a series of "column-cards" having numerals indicating the days of months, the numerals being all arranged alike upon the different cards, "month-cards" coöperating therewith, and day-cards arranged in conjunction therewith, said day-cards having permanently-attached indicating-tags numbered in series corresponding with the serial arrangement of said column-cards.

8. In a device of the character described, a series of "column-cards," a plurality of "day-cards," and a plurality of "monthly-index cards" coöperating therewith, said day-cards having numbered indicating-tags consecutively arranged in series coöperating with the series of numbers on said column-cards.

9. In a device of the character described, a series of "column-cards," a plurality of "day-cards," and a plurality of "monthly-index cards" coöperating therewith, said day-cards having integral numbered indicating-tags consecutively arranged in series coöperating with the series of numbers on said column-cards the numbers upon the tags always falling in the same column with the number on the column-cards.

10. In a device of the character described, a series of column-cards, a plurality of day-cards, a plurality of monthly-index cards cooperating therewith, in combination with removable month-cards of different contour.

11. In a device of the character described, a series of column-cards, a plurality of day-cards having consecutively-arranged relatively fixed numbered tags arranged in series of seven, a plurality of monthly-index cards coöperating therewith, in combination with removable month-cards of different contour.

12. In a device of the character described, a series of seven "column-cards," each card of the series having a daily index wherein the first day differs from the first day of the remaining six cards of the series, and in all such cards numbers appear in similar parallel rows, in combination with removable month-cards of different contour, day-cards consecutively arranged in series of seven coöperating therewith, and fixed tags on said day-cards in serial alinement with the numbers on said column-cards.

In testimony whereof I hereunto affix my signature in presence of two witnesses.

CHARLES T. WILBER.

Witnesses:
W. B. KENDERDINE,
N. G. TROY.