

C.T. Pooler.
Calendar.

No 77,837. Patented May 12, 1868.

Fig. 1.

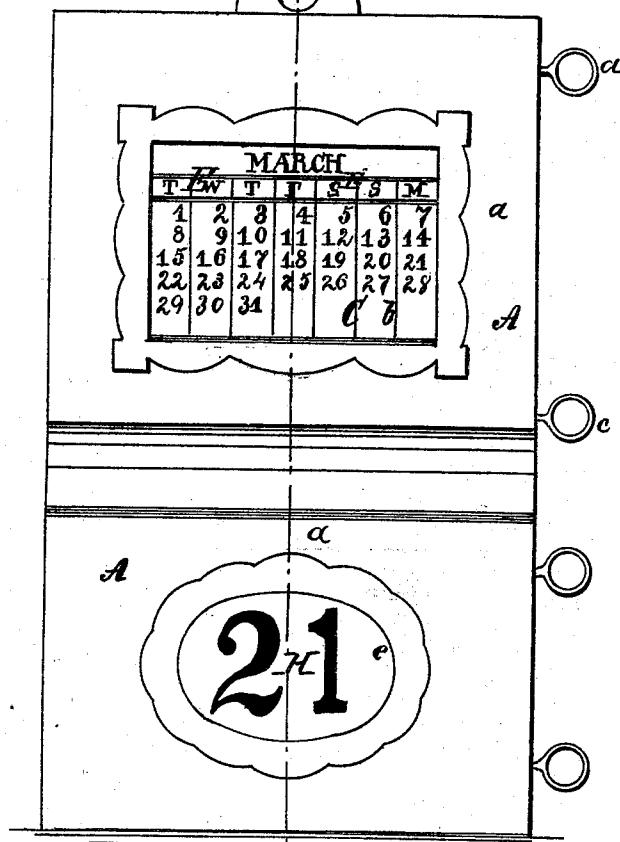


Fig. 2

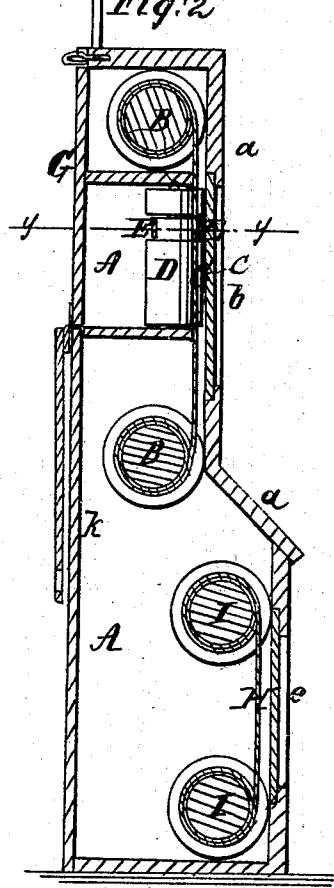
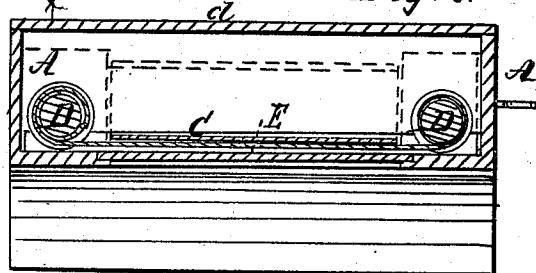


Fig. 3.



Witnesses

Alex. J. Roberts
W. C. Ashketto

Inventor

C. T. Pooler
per Wm. W. G.
Attorneys

United States Patent Office.

CHARLES T. POOLER, OF DEANSVILLE, NEW YORK.

Letters Patent No. 77,837, dated May 12, 1868.

IMPROVEMENT IN PERPETUAL CALENDARS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, CHARLES T. POOLER, of Deansville, in the county of Oneida, and State of New York, have invented a new and improved Perpetual Calendar; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a front elevation of my improved perpetual calendar.

Figure 2 is a vertical transverse section of the same, taken on the plane of the line $x\ x$, fig. 1.

Figure 3 is a horizontal section of the same, taken on the plane of the line $y\ y$, fig. 2.

Similar letters of reference indicate corresponding parts.

This invention relates to a new calendar, which is so arranged that it can be used continually to record the days of the week or month, and that the days of the week can be set over the figures of each month in such a manner that the device is applicable for each year.

The invention consists chiefly in the combination of an endless or other band wound around two vertical rollers, so as to cover partly another band wound around horizontal rollers.

On the former band are marked the names of the days of the week, and on the latter band the names of the successive months, and the rows of figures pertaining thereto.

At the commencement of each year the week-band is moved so as to bring the required day of the week over the figure "1" of the month-row, and thus the week-band is set for the whole year, except in some years, when it will have to be adjusted again to the 1st day of March, while the month-band has to be set every month.

A third band, having the figures 1 to 31 marked upon its face, may also be arranged in conjunction with the above, to display one of its figures through a hole in the frame of the calendar, said figure indicating the day of the month, and said band having to be set every day.

A, in the drawing, represents the frame of my improved perpetual calendar.

This frame is made of wood, metal, or other suitable material, of suitable size and shape.

In it are the bearings for two horizontal axles, B B, around which a band, C, is wound, upon the face of which the names of the months, and the rows of figures pertaining to the same, are successively printed or otherwise marked.

In the front plate a of the frame A is a hole, b , through which the rows pertaining to one month, and the name of the month, are visible.

By turning one of the axles, the band C can be wound around it, and unwound from the other, so as to display the required month, with its rows of figures, through the hole a .

D D are two vertical rollers arranged in the frame A, and carrying a narrow band, E, upon which the names of the week-days or their initials are printed or otherwise marked.

This band fits over the front of the band C, and its marks are spaced corresponding with the rows of figures on C.

By turning one of the axles D the band E can be adjusted so as to bring the required marks in line with the figures on the band C, as is clearly shown in fig. 1.

The axles B have projecting ends $c\ c$ on the outside of the frame A, so that they can be turned without opening the frame.

But to prevent the accidental or mischievous disturbance of the band E, its axles D do not extend outward, and the band can only be turned by opening the frame A and reaching the rollers D.

For this purpose the upper portion G of the back plate d of the frame is hinged to the lower fixed part of the same, as shown in fig. 2.

In conjunction with the aforesaid device may also be used a band, H, fitted around rollers I, as shown, and serving to display one of its thirty-one figures through a hole, e , in the front plate of the frame, as shown in fig. 1.

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

1. A perpetual calendar, consisting of the bands C and E working respectively around horizontal and vertical rollers, substantially as herein shown and described.
2. The perpetual calendar, when provided with the bands C and E, of which the latter partly covers the former, in combination with the hinged portion G of the frame in which the device is held, as set forth.
3. The band H and rollers I, in combination with the device set forth in the foregoing clauses.

CHAS. T. POOLER.

Witnesses:

SETH E. BARTON,

WM. P. SERGEANT.