

W. E. WATERS.
Calendar.

No. 196,508.

Patented Oct. 23, 1877.

Fig. 1.

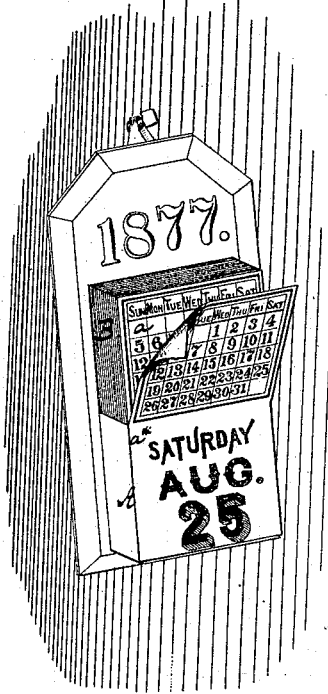
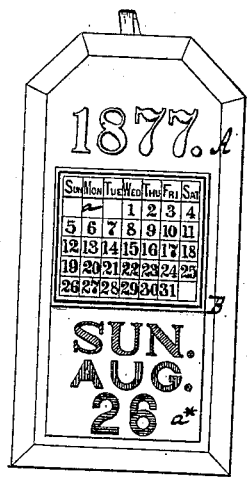


Fig. 2.



Witnesses.

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by
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UNITED STATES PATENT OFFICE.

WILLIAM E. WATERS, OF ORANGE, NEW JERSEY.

IMPROVEMENT IN CALENDARS.

Specification forming part of Letters Patent No. **196,508**, dated October 23, 1877; application filed August 29, 1877.

To all whom it may concern:

Be it known that I, WILLIAM E. WATERS, of Orange, in the county of Essex and State of New Jersey, have invented a new and useful Improvement in Daily Tear-Off Calendars, which improvement is fully set forth in the following specification, reference being had to the accompanying drawing, in which—

Figure 1 represents a perspective view. Fig. 2 is a face view.

Similar letters indicate corresponding parts.

This invention consists in a daily tear-off calendar, composed of a series of successive leaves placed one on the top of the other, and united throughout one-half of their length, each leaf being provided with the name and number of a day on its face, and with the name and number of the succeeding day on its back, so that each leaf serves for two successive days, and one hundred and eighty-three leaves are sufficient to produce a daily tear-off calendar for the whole year.

In the drawing, the letter A designates a piece of wood, pasteboard, or other suitable material, which forms the support for my tear-off calendar B.

Daily tear-off calendars as now constructed consist of three hundred and sixty-five or three hundred and sixty-six leaves, which are fastened together on their edges, and which contain the successive names and numbers of the days for the whole year, each leaf bearing one such name and number.

It is obvious that by this arrangement three hundred and sixty-five leaves are required for common years, and three hundred and sixty-six leaves for leap-years.

By my invention the number of leaves required for a calendar of this class are reduced

one-half, in the following manner: I connect the successive leaves *a* of my calendar only throughout one-half of their length, and on the lower half of the face of each leaf I print the name and number of one day, and on the upper half of the back of each leaf the name and number of the succeeding day. For instance, the leaf *a** contains on its face "Saturday, August 25," and on its back "Sunday, August 26." In order to expose the name and number on the back, the leaf is simply folded down, and every two days a leaf is torn off, so as to expose the full face of the next succeeding leaf.

In order to increase the convenience of my tear-off calendar, I print on the upper half of the face of each leaf a monthly calendar, so that in all cases, whether the front leaf be in full view or partly turned down, the name and number of the current day and the calendar of the current month are exposed.

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

A daily tear-off calendar composed of a series of successive leaves placed one on the top of the other, and connected throughout one-half of their length, each leaf being provided with the name and number of a day on its face, and with the name and number of the succeeding day on its back, substantially as and for the purpose herein shown and described.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 27th day of August, 1877.

W. E. WATERS. [L. S.]

Witnesses:

W. HAUFF,

E. F. KASTENHUBER.