

(No Model.)

R. TE PEERDT.
ALMANAC.

No. 467,559.

Patented Jan. 26, 1892.

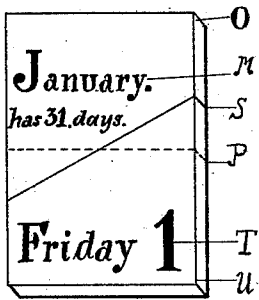


Fig. 1.

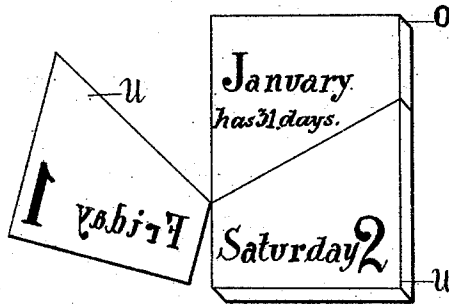


Fig. 2.

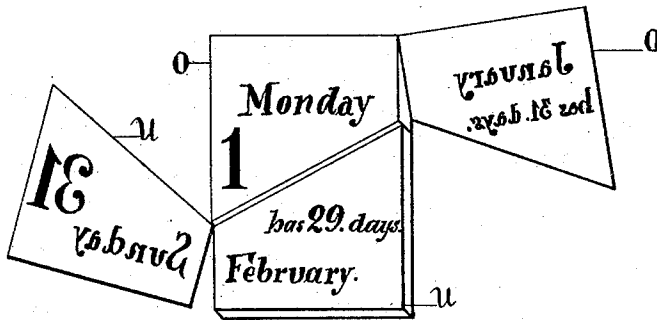


Fig. 4.

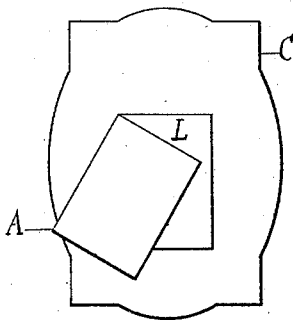


Fig. 5.

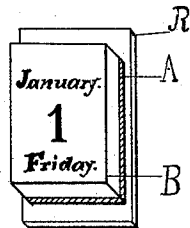


Fig. 6.

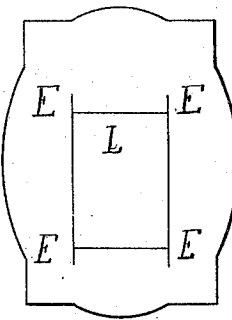


Fig. 7.

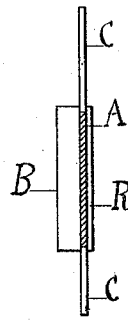


Fig. 8.

Witnesses:
Emil Hennig
Willy Kuhn.

182. days.	29.	30.	30.	30.	31.	31.
184. days.	31.	31.	31.	31.	30.	30.
	January	February	March	April	May	June
	July	August	September	October	November	December

Fig. 3.

Inventor:
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UNITED STATES PATENT OFFICE.

RUDOLPH TE PEERDT, OF BERLIN, GERMANY.

ALMANAC.

SPECIFICATION forming part of Letters Patent No. 467,559, dated January 26, 1892.

Application filed November 13, 1891. Serial No. 411,826. (No model.) Patented in France August 28, 1891, No. 213,236, and in Germany September 22, 1891, No. 59,904.

To all whom it may concern:

Be it known that I, RUDOLPH TE PEERDT, a subject of the Emperor of Germany, residing at Berlin, in the Kingdom of Prussia, German Empire, have invented certain new and useful Improvements in Almanacs, (for which I have obtained patents in Germany, No. 59,904, dated September 22, 1891, and in France, No. 213,236, dated August 28, 1891,) of which the following is an exact specification.

My invention relates to the kind of almanacs in which the indications of months and days are printed on leaves to be detached one by one; and my object has been to reduce the number of these leaves, and thereby, also, the work in printing and manufacturing the said almanacs, as well as their weight and bulk. I obtain hereby great advantage and saving when the almanacs have to be mailed.

A further object of my improvements is firmly to secure the block of leaves to the piece of pasteboard, which is to be attached to the wall.

I will now proceed to describe an almanac made according to my improvements, reference being had to the accompanying drawings, of which—

Figures 1, 2, and 4 illustrate the particular disposition of the leaves. Fig. 3 is a table, showing the manner in which the leaves are distributed in two halves, as hereinafter more clearly explained. Figs. 5 to 8 illustrate the method of fixing the block of leaves to the pasteboard.

Similar letters denote similar parts throughout the several views.

My improved almanac is composed of one hundred and ninety leaves in all. Each of these is divided in two parts by means of a cut S, or of a series of perforations P, so that each of the parts can be removed separately. One half O of each leaf bears the indication of the month M, the other U that of the date T and of the day of the week, Fig. 1. The latter halves only are removed day by day, the former remaining in its place during a whole month, Fig. 2. At the beginning of a new month this half-leaf is also pulled off, and then the indications of month and date change their respective places, the month being, for instance, indicated on the lower half, if it was

at first indicated on the upper one, as shown in Fig. 4. For a leap-year there are three hundred and sixty-six half-leaves, with dates and days of the week indicated on them, and, besides, twelve with the indications of the months, making in all three hundred and seventy-eight half or one hundred and eighty-nine entire leaves. The dates and days of the week pertaining to consecutive months are printed alternately on the top and bottom halves of the leaves, as already mentioned. Thus for six months the indication of the date is at the bottom and for the remaining six at the top of the leaf. As will be understood by the table, Fig. 3, one half of the block has one hundred and eighty-two half-leaves, and the other one hundred and eighty-four, with dates. Therefore, as one-half of the last and last but one leaves are not printed upon an additional one-hundred-and-ninetieth leaf is necessary. In a common year one-half of the last leaf but two is also left blank. In the usual almanacs of the same kind the leaves are attached only at one side. In my improved one they are fastened on both sides, and thereby remain always smooth.

In order to secure the block of leaves to the usual piece of pasteboard C, which is generally printed in different colors, I cut out of C a piece A of exactly the size of the block of leaves at the place where the latter is to be secured. The cut-out piece A is fixed to the back of the block B and both to a piece of paper-board of a little larger size by gluing, nailing, riveting, or sewing them together, Fig. 6. The block B and the cut-out piece A are from the back inserted into the hole L of the plate C. The piece R prevents the block B from gliding through the hole L, and the object to which the almanac is suspended prevents the same from falling backward.

In order to fix the block B to the plate of pasteboard C in a perfectly-reliable manner, it is advisable to make the cut-out piece A on top and on bottom about half a line shorter than the block B, Fig. 8. It is then possible to pass the block B through the hole L only by force, and this is facilitated by making incisions in the four corners E of the hole L, as shown in Fig. 7. In this case the piece of pasteboard R need not be larger

than the block B, as will be easily understood, and may be seen in Fig. 8.

Having thus fully described my invention, I declare what I desire to secure by Letters

5 Patent of the United States is—

1. An almanac consisting of separate leaves, each of which is divided in two parts, one half bearing the indication of the date, the other that of the month, the latter half being
10 removed only at the end of the month, and the indications of date and month changing their respective places every month, substantially as and for the purpose described.

2. The method of securing the almanac to
15 the frame of pasteboard C, whereby the same is attached to the wall, consisting in cutting out of C an opening L of the same size as the block of leaves B, and in securing to the latter the cut-out piece of pasteboard A and another
20 piece R a little larger in size, and in inserting

the block B through the opening L, substantially as and for the purpose set forth.

3. The method of securing the almanac to the frame of pasteboard C, whereby the same is attached to the wall, consisting in cutting
25 out of C an opening L a little shorter in height than the block of leaves B, and in securing to the latter the cut-out piece of pasteboard A and another piece R of the same size as block B, and in forcing the latter through the open-
30 ing L, this being facilitated by making incisions in the corners E of the opening L, substantially as and for the purpose specified.

In testimony whereof I have signed this specification in the presence of two subscrib-
35 ing witnesses.

RUDOLPH TE PEERDT. [L. S.]

Witnesses:

EVANS BLAKE,
W. A. BLAKE.