

(No Model.)

3 Sheets—Sheet 1.

W. C. HAWKINS.
CALENDAR.

No. 467,119.

Patented Jan. 12, 1892.

Fig. 3

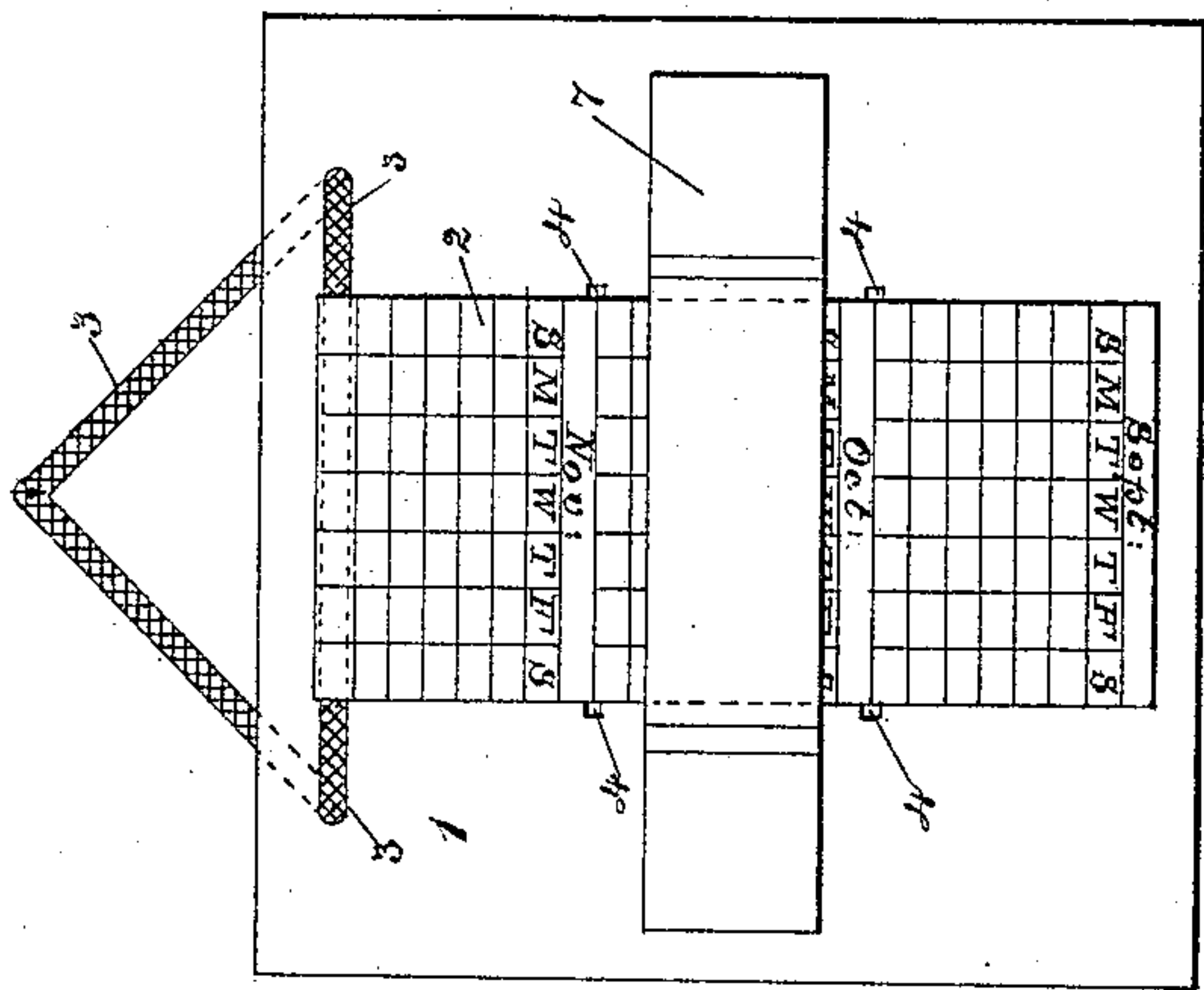


Fig. 2

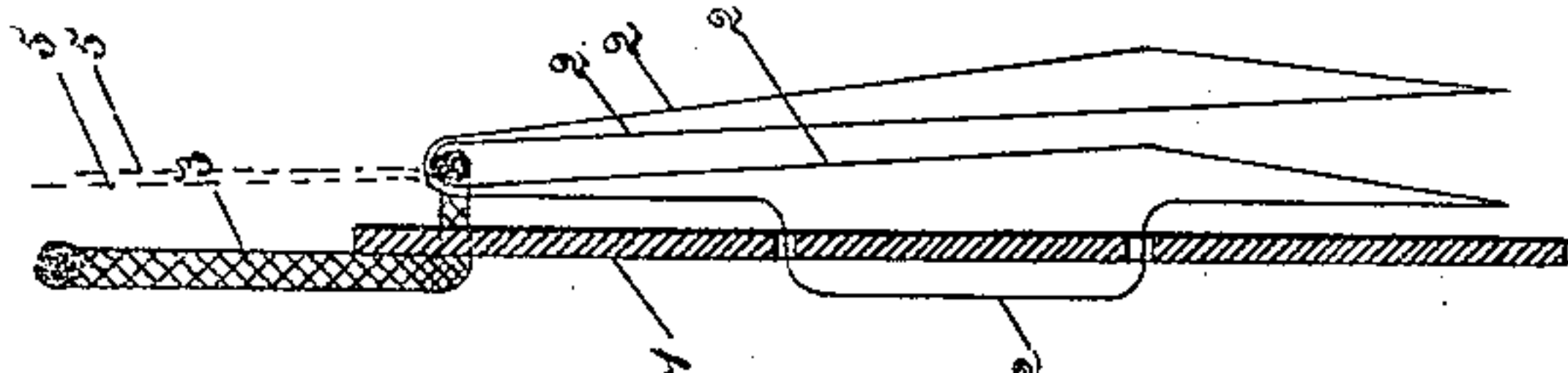


Fig. 1

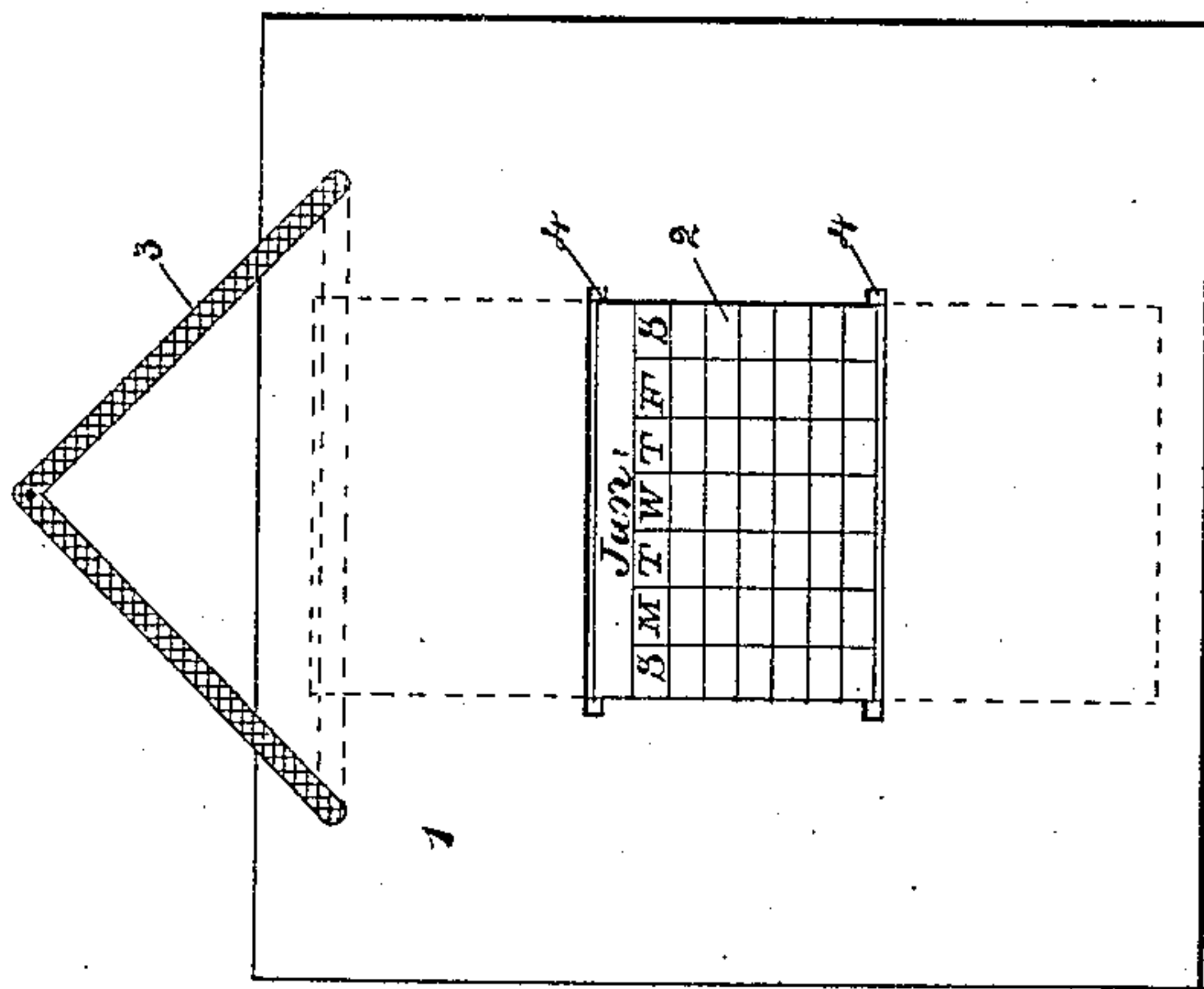


Fig. 4

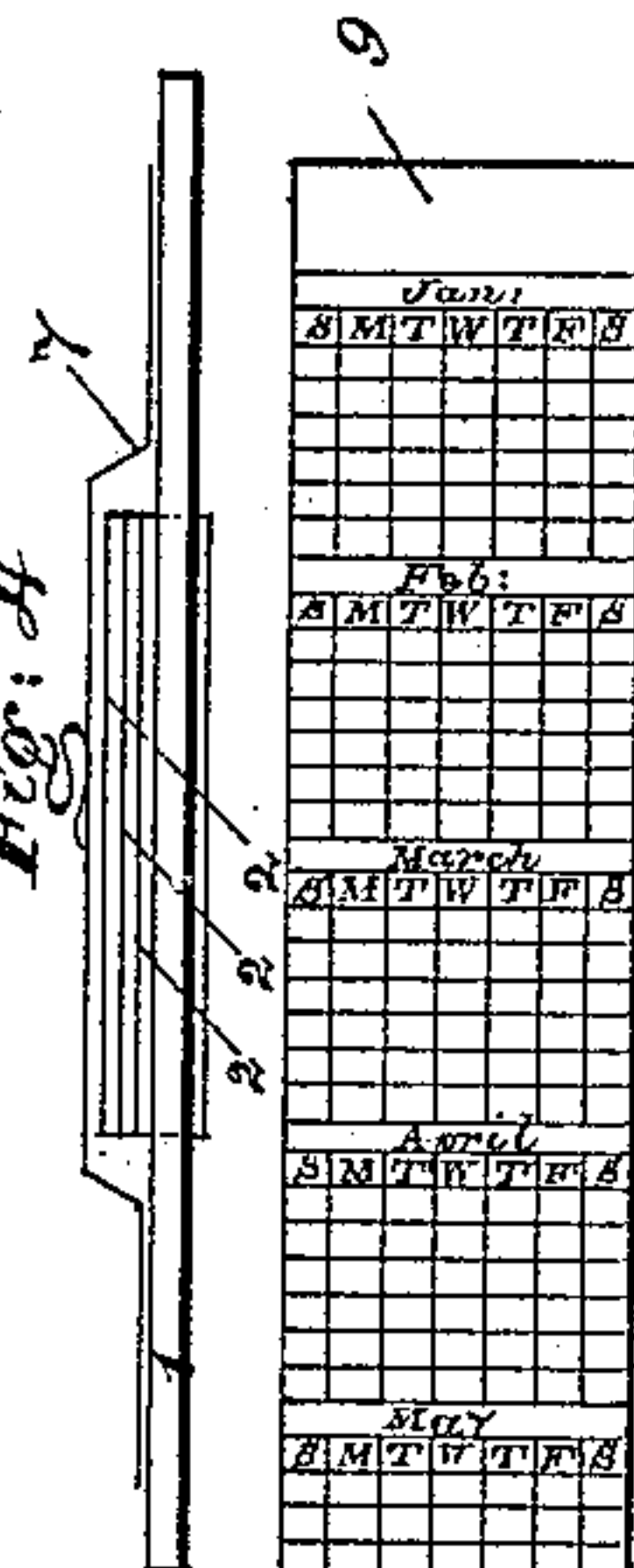
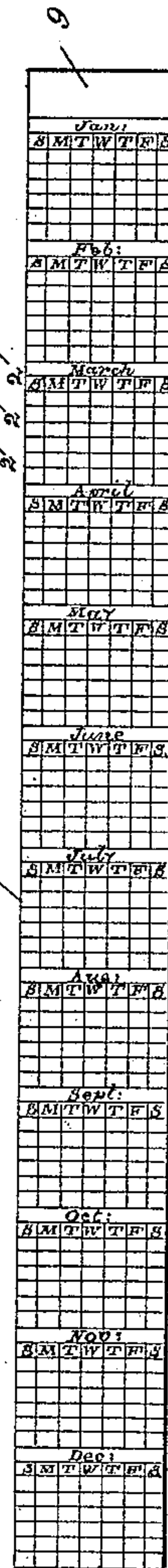


Fig. 5



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W. F. Brückel

Inventor:

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Atty.

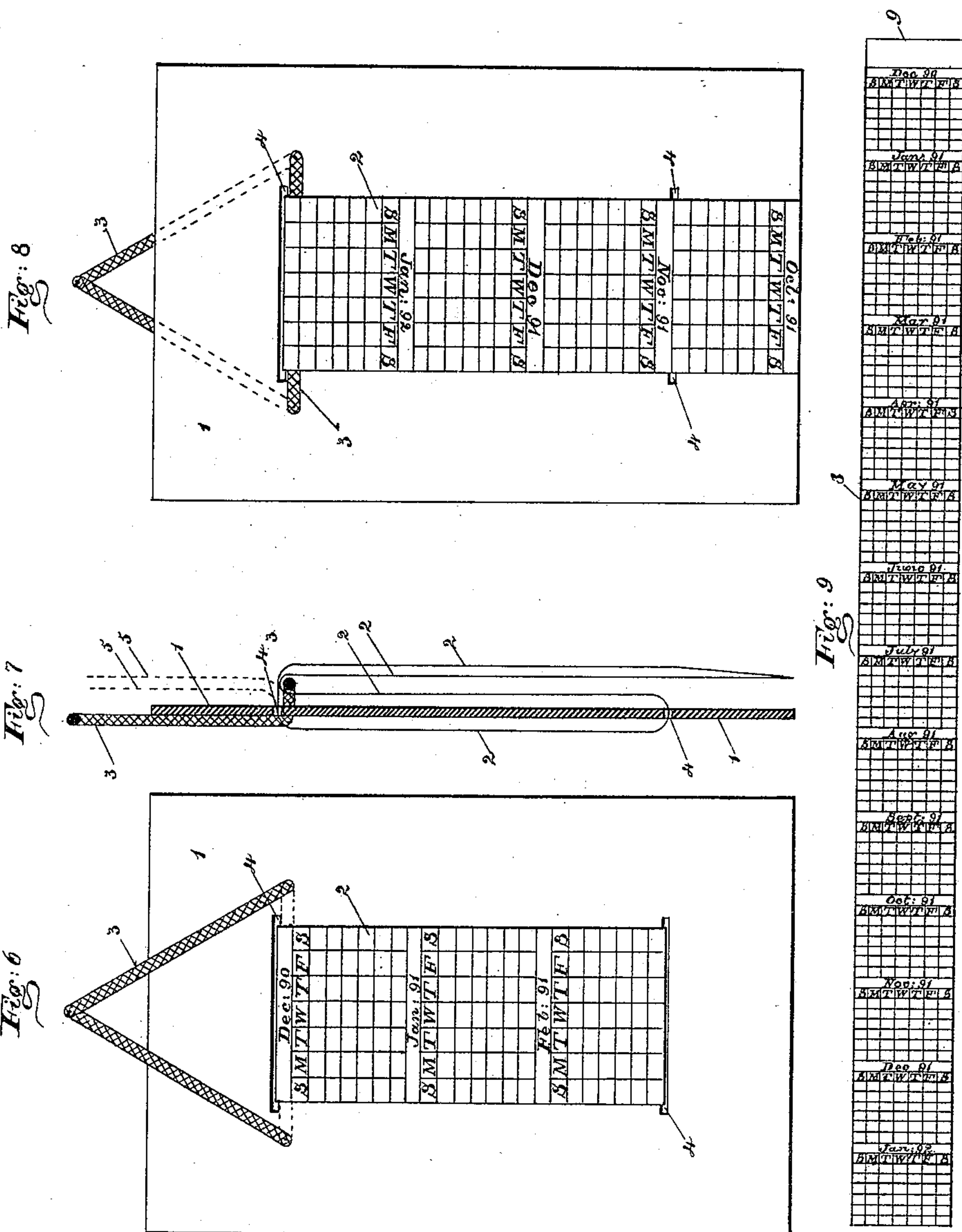
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3 Sheets—Sheet 2.

W. C. HAWKINS.
CALENDAR.

No. 467,119.

Patented Jan. 12, 1892.



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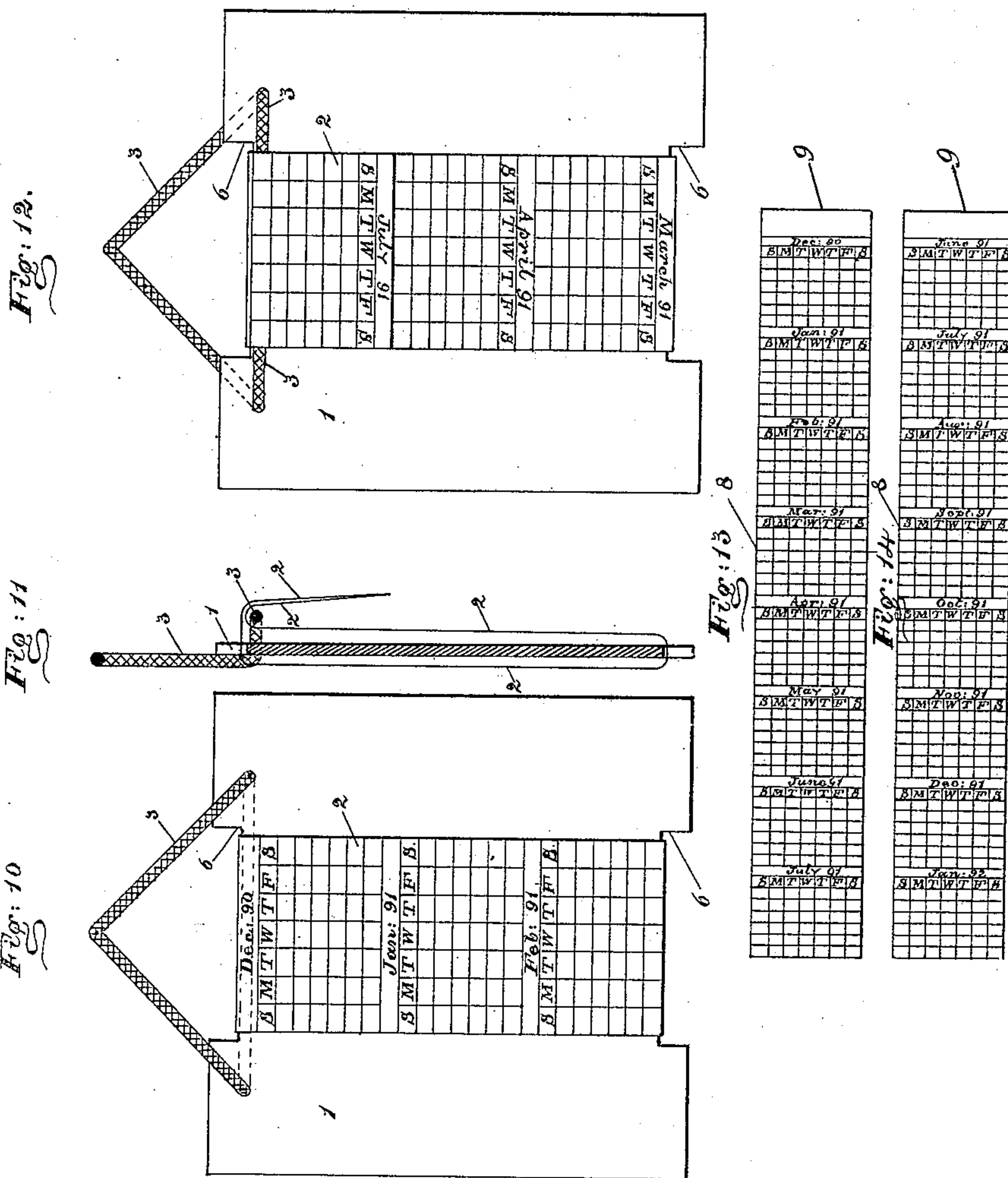
(No Model.)

W. C. HAWKINS.
CALENDAR.

3 Sheets—Sheet 3.

No. 467,119.

Patented Jan. 12, 1892.



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UNITED STATES PATENT OFFICE.

WILLIAM C. HAWKINS, OF TAUNTON, MASSACHUSETTS, ASSIGNOR TO JOHN
T. HAWKINS, OF SAME PLACE.

CALENDAR.

SPECIFICATION forming part of Letters Patent No. 467,119, dated January 12, 1892.

Application filed December 6, 1890. Renewed December 14, 1891. Serial No. 414,918. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM C. HAWKINS, of Taunton, in the county of Bristol and State of Massachusetts, have invented a new and
5 useful Calendar, which invention is fully set forth and illustrated in the following specification and accompanying drawings.

The objects of this invention are to provide a calendar by means of which one or more
10 calendar months may be exhibited simultaneously for every month of the year, the whole situated so as to be quickly consulted and the whole preserved for reference; to combine the same with an ornamental card
15 or an advertising-card, as may be desired, and to produce the same at lower cost than calendars heretofore designed for those purposes.

Heretofore rolling calendars have been made in which a strip of paper containing
20 the calendar-tables for the twelve months is made to roll at one or both ends upon shafts or spindles carried in bearings attached to a card; but such construction is expensive and reference to the calendar-tables of distant
25 months requires an expenditure of considerable time.

The invention will first be described in detail and then particularly set forth in the claims.

30 In the accompanying drawings, Figure 1 is a front elevation of a calendar constructed according to my invention to exhibit one month at a time, as in the ordinary calendar. Fig. 2 is a vertical section through the center
35 of Fig. 1. Fig. 3 is a back elevation of the same. Fig. 4 is an end view of Fig. 3 with the suspension-cord omitted for clearness. Fig. 5 is a plan, on a reduced scale, of the printing on the calendar-strip for Figs. 1, 2, 3,
40 and 4, the figures for the dates being omitted.

In the figures just described, as in the succeeding ones, the vertical section, as well as the end view, Fig. 4, is so drawn as to clearly show the position of the fold of the calendar-
45 strip hereinafter described, the lines being more widely separated for that purpose than in practice, it being understood that as used the folds of the calendar-strip at the back lie close to the card and to each other.

50 Fig. 6 is a front elevation; Fig. 7, a vertical section through the center of Fig. 6; and Fig.

8 a back elevation of a calendar constructed according to my invention, so as to show three calendar-tables simultaneously, with the current month (January, 1891, for instance) in
55 the center, the month last past above, and the month next ensuing below it. Fig. 9 shows the calendar-strip used in Figs. 6 to 8, inclusive, said strip having printed thereon the last month of the preceding year at one end and
60 the first month of the succeeding year at the other, in addition to the twelve months of the current year, as described and claimed in my pending application, Serial No. 356,509. Figs. 10, 11, and 12 are respectively a front
65 elevation, a vertical section, and a back elevation of a modification of my invention by means of which a calendar-strip printed on both sides may be used, and thus a saving in
cost of paper effected, one side containing the
70 first seven months of the current year, with the last month of the year last past, and the other side containing the last seven months of the current year and the first month of the year next ensuing. In Fig. 10 the month of
75 January, 1891, is exhibited as the current month. In this construction with the removal of the suspension-cord the strip is removed from the card at the expiration of the first six months, turned inside out, and replaced for
80 the last six months of the year. Figs. 13 and 14 show the manner in which the calendar-strip is printed on both sides.

In said figures the several parts are respectively indicated by reference-numbers as follows:

Referring to Figs. 1 to 5, inclusive, the number 1 indicates the card to which the calendar-strip is attached; 2, the printed strip containing the calendar-tables; 3, a suspension-cord
90 passing through holes in the card 1 and carried horizontally across the back of the card, properly situated to serve as the hanger or support to the folded strip at the back. The course of the lines 2, Fig. 2, shows the folds
95 in the strip 2 as set for the exhibition of any month. The numbers 4 4 indicate slots cut in the card, through which the calendar-strip passes, the strip being pasted together at the ends to make it continuous, the blank space
100 9 being left on the strip, Figs. 5, 9, 13, and 14, for that purpose. In this way the card con-

ceals all of the calendar-strip which is not to be shown. A strip of paper 7 is pasted to the back of the card at its ends, under which the calendar-strip is passed upon setting for any month, and serves to hold the folds of the strip on the back of the card closely in contact with the card 1 and with each other. In Fig. 5 the number 8 shows the plan of printing the strip.

Referring to Figs. 6 to 9, inclusive, the number 1 indicates the card; 2, the calendar-strip; 3, the suspension-cord, and 4 the slots in the card 1, through which the strip 2 passes, these slots in this case being placed far enough apart to allow three months to be exhibited at one time. The number 8 shows the plan of printing the strip for said Figs. 6, 7, 8, and 9.

Referring to Figs. 10, 11, 12, 13, and 14, in place of the slots 4 in the card, as in Figs. 1, 2, 3, 6, 7, and 8, recesses 6 are cut in the ends of the card, which permit of the removal of the strip (which in this case is printed on both sides, as above described) at the end of six months in order to turn it. It is obvious that the shorter strip, Figs. 13 and 14, may be used with Figs. 1, 2, 3, 6, 7, and 8 by temporarily securing its ends, so that they may be disconnected at the end of six months, removed through the slots 4, turned inside out, replaced, and reconnected for the last six months.

The suspension-cord 3 may be dispensed with where the folded strip is constructed of sufficiently stiff material to support itself by the aid of the strip 7, as will obtain in many cases, and the card may be suspended by any suitable clip or hanger or be made with a supporting-brace at the back in a well-known way, so as to stand upon its bottom end for use, or the strap on it may be placed near the upper slot or recess in the card 1 and serve as a hanger or support for the folds of the calendar-strip at the back, except the two outer thicknesses, which would in that case pass over it.

The dotted lines 5 5, Figs. 2 and 7, show the direction in which the calendar-strip is led when shifting from one month to another.

In Figs. 8 and 12 the strip 7 is omitted, it being deemed sufficient to show it in one figure.

I do not confine myself to the construction which provides for the exhibition of calendar-tables for one and for three months, as it is evident that, if desired, two or four months or more may be exhibited without departing from the gist of my invention. In providing to exhibit two months at a time, if it be the month last past that is desired to be exhibited in conjunction with the current month, a strip such as shown in Fig. 9 will be printed with only the last month of the past year at one end, in addition to the twelve months of the current year, and if it be the month next ensuing that is desired to be exhibited in conjunction with the current month a strip

such as shown in Fig. 9 would be printed with only the first month of the coming year at one end, in addition to the twelve months of the current year, and a strip such as shown in Figs. 13 and 14 would have, in the first case, on one side only, the first six months of the year, with the last month of the preceding year, and on the other side the last seven months of the current year, and in the last case the first seven months of the current year on one side and on the second side the last six months of the year, with the first month of the year next ensuing, the slots 4 of the recesses 6, Figs. 10, 11, and 12, being placed the proper distance apart. If more than three months at a time are to be exhibited simultaneously—as, for instance, five months consisting of the two months last past, the current month, and the two months next ensuing, which may be a desirable modification for some purposes—the slots 4 or recesses 6 are placed at the proper distance and a strip such as shown in Fig. 9, printed on one side only, would have printed thereon, in addition to the twelve months of the current year, the two last months of the year past at one end and the two first months of the year next ensuing at the other end. Preferably, however, this calendar is constructed to exhibit for every month of the current year simultaneously the current month, the month last past, and the month next ensuing.

I do not confine myself to the exact number of folds of the strip at the back of the card, as it may be bent, folded, or rolled upon itself any number of times which will enable the card to conceal all of the strip which is not exposed to view at the front of the card, and the suspension-cord 3 or binding-strip 7 may either or both be used to support the strip as it may be folded.

Having thus fully described my said invention, I claim—

1. A calendar consisting of an endless strip of paper or other material, as 2, printed on one or both sides in calendar-tables in the proper order and number of months, in combination with a slotted or recessed card, as 1, said calendar-strip being passed through the slots or recesses in said card and folded upon the back of such card, so as to conceal from view all of said strip except the month or months to be exhibited, the whole preservable for reference, substantially as set forth.

2. A calendar consisting of an endless strip of paper or other suitable material, as 2, printed on one or both sides in calendar-tables in the proper order and number of months to exhibit simultaneously with the table for the current month one or more of the months last past and one or more of the months next ensuing, one set or both, in combination with a slotted or recessed card, said calendar-strip being passed through the slots or recesses in said card and folded upon the back of said card so as to conceal from view all of said

strip except the month or months to be exhibited, the whole preservable for reference, substantially as set forth.

3. In a calendar, the combination of an end-
5 less strip of paper, as 2, printed on one or both
sides in calendar-tables in the proper order
and number of months, a slotted or recessed
card, as 1, and a suspension-cord, as 3, placed
in said card so as to have its horizontal part
10 serve as a hanger or support for the folds of
said strip, said calendar-strip being passed
through the slots or recesses in said card and
looped over said suspension-cord, so as to con-
ceal from view all of said strip except the
15 month or months to be exhibited, the whole
preservable for reference, substantially as set
forth.

4. In a calendar, the combination of an end-
less strip of paper or other suitable material,
20 as 2, printed on one or both sides in calendar-
tables in proper order and number of months,
a slotted or recessed card, as 1, and a binding-
strip, as 7, placed on said card so as to serve
to support and bind the folds of said calendar-

strip against said card, so that all of said strip 25
is concealed from view except the month or
months to be exhibited, the whole preservable
for reference, substantially as set forth.

5. In a calendar, the combination of an end-
less strip of paper or other suitable material, 30
as 2, printed on one or both sides in calendar-ta-
bles in the proper order and number of months,
a slotted or recessed card, as 1, a suspension-
cord, as 3, placed in said card so as to have
its horizontal part serve as a hanger or sup- 35
port for the folds of said strip, and a binding-
strip, as 7, said calendar-strip being passed
through the slots or recesses in said card,
looped over said suspension-cord, and passed
under said binding-strip, so as to conceal 40
from view all of said calendar except the
months to be exhibited, the whole preservable
for reference, substantially as set forth.

WM. C. HAWKINS.

Witnesses:

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THEO. H. FRIEND.