

(No Model.)

M. A. MILLER.
MEMORANDUM BOOK.

No. 465,412.

Patented Dec. 15, 1891.

Fig. 1

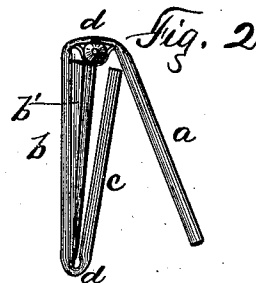
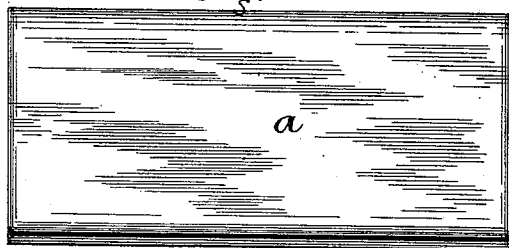


Fig. 4.

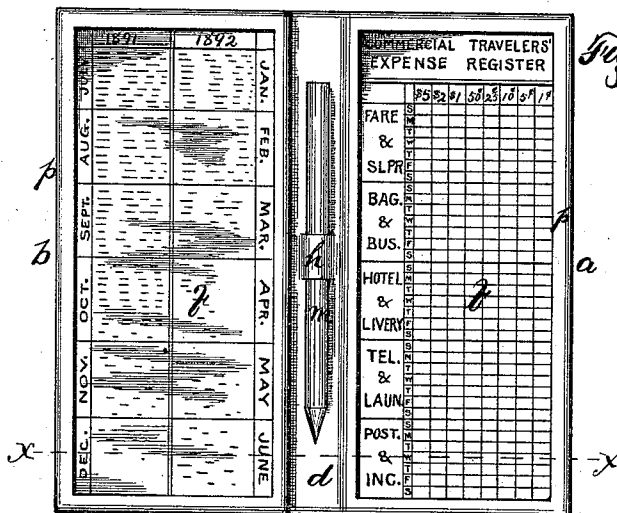
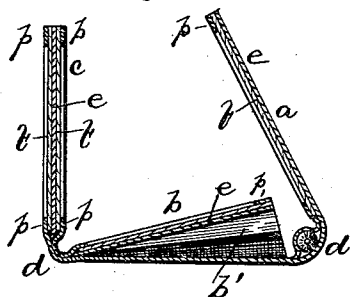


Fig. 3.

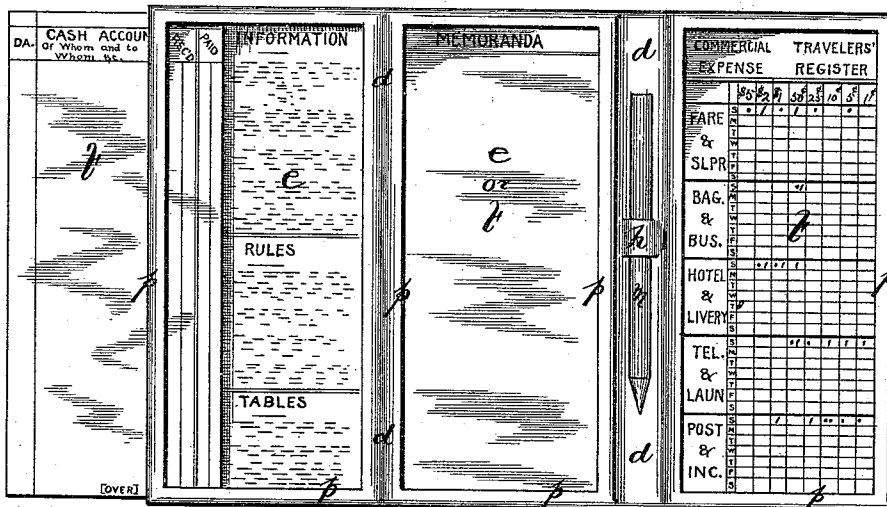


Fig. 5.

WITNESSES:
H. A. Carhart,
C. B. Kinn.

INVENTOR,
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BY
Smith & Denison
his ATTORNEYS

UNITED STATES PATENT OFFICE.

MARCUS A. MILLER, OF ST. LOUIS, MISSOURI, ASSIGNOR OF ONE-HALF TO
GEORGE E. GREEN, OF BINGHAMTON, NEW YORK.

MEMORANDUM-BOOK.

SPECIFICATION forming part of Letters Patent No. 465,412, dated December 15, 1891.

Application filed September 19, 1891. Serial No. 406,208. (No model.)

To all whom it may concern:

Be it known that I, MARCUS A. MILLER, of St. Louis, in the county of St. Louis, in the State of Missouri, have invented new and useful Improvements in Memorandum-Books, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

My invention relates to memorandum-books, and particularly to that class which consists of a body subdivided into transverse pockets open on one face and one edge, and removable and reversible tablets inserted into the pockets and exposing a face for use through the open side of the pocket, these open-faced pockets being also used in conjunction with accordion-plaited pockets, open only upon the edge for storage-purposes, the back or closed side of each open-faced pocket being adapted to hold permanent tables or compilations of facts or figures.

My object is to produce a handy memorandum-book provided with tablets for recording business transactions, for a cash-ledger, for an expense-account, for a calendar, and for such other purposes as may be desirable, said tablets being removably inserted into pockets, each pocket having an open face and an end or edge for the insertion or removal of the tablets, said tablets being reversible, if desired, and storage-pockets being also provided, and all adapted to be folded up into small compass for pocket use.

My invention consists in the several novel features of construction and operation hereinafter described, and which are specifically set forth in the claims hereunto annexed.

It is constructed as follows, reference being had to the accompanying drawings, in which—
Figure 1 is a plan of the book closed. Fig. 2 is an end elevation of the same partly opened. Fig. 3 is a face view of the same, showing the outer leaf opened, so as to show two inner faces. Fig. 4 is a transverse section on the line $x x$ in Fig. 3, but differing somewhat therefrom in the extent to which the leaves are opened, the leaf showing the calendar in Fig. 3 being raised to a vertical and the expense-register leaf being raised nearly

to a vertical. Fig. 5 is a face view with both outer leaves unfolded, and also showing one tablet partly removed.

The book is constructed of leaves $a b c$, connected together by a flexible connection d , as of the leather or cloth constituting the outer covering. Each leaf is provided with a stiff backing e , secured upon the cover in leaves a and c , and in leaf b , forming one side of the storage-pocket b' , the ends of which are formed in accordion-plaits. The leaf c is double-faced. Upon each of the leaves an open-faced pocket (or pockets) is formed by folding over the edges of the cover or by securing a mat p upon each backing, leaving one edge or end open for the insertion or removal of the tablets f . These tablets consist of cards of paste-board or analogous material, and, as shown in the drawings, one is ruled as for a cash-account, another is for a calendar, and another is for an expense-register; but they may be ruled or printed in other ways to adapt them to other kinds of business. These tablets can be printed or ruled so as to be used upon both sides. It will be seen also that by drawing out one of the tablets the compilation of facts, figures, rules, &c., permanently secured to or printed upon the backing behind that tablet, are exposed to view for examination. Upon one of the leaf connections I make a loop h to hold a pencil m .

The tablets are all of ordinary use, except that labeled "Expense Register," which is used as follows: The vertical columns for the denominations of money indicated and the horizontal spaces being for each day of the week for recording expenses under the heads printed upon the left.

Each tablet is designed to cover and record a whole week's expenses. For instance, the upper horizontal compartment marked "Fare & Sleeper," as marked by the dots in the spaces in the upper row, indicates that six dollars and thirty cents were paid for fare, and by the marks that two dollars and fifty cents were paid for sleeper on that day. In the next compartment the dot and mark indicate that fifty cents were paid for baggage and fifty cents for bus-fare. In the next compartment the

dots and marks indicate seventy-five cents paid for telegrams and one dollar and sixteen cents for laundry. In the next compartment the dots and marks indicate that twenty-six
5 cents were paid for postage and one dollar and a half paid for incidentals. It will be readily seen that the expenses of a week can be kept on one side of this tablet and that a detailed statement of expenses can be drawn off there-
10 from at any time.

The storage-pocket can be used for keeping tablets used and not used, business, or personal cards, &c.

What I claim as my invention, and desire
15 to secure by Letters Patent, is—

1. A book consisting of leaves connected flexibly and adapted to fold inwardly and open-faced mats secured upon each leaf in a plane parallel with and detached from the
20 leaf by side or end connections, leaving one edge open, creating open-faced pockets, in

combination with removable pockets inserted into said tablets.

2. A book consisting of leaves flexibly connected and adapted to fold over inwardly, 25 each leaf comprising a cover, and a backing secured thereon, and open-faced mats secured by three edges to each leaf in a plane parallel with and detached from the leaf by connecting-strips secured to the mat and to the leaf, 30 creating an open-faced pocket upon each leaf, in combination with removable recording-tablets inserted into said pockets and a storage-pocket between the backing and cover of one leaf, all inclosed by folding the outer leaves 35 over inwardly.

In witness whereof I have hereunto set my hand this 18th day August, 1891.

MARCUS A. MILLER.

In presence of—

C. W. SMITH,

HOWARD P. DENISON.