

F. H. MONTGOMERY.
 BINDER FOR LOOSE-LEAF LEDGERS.
 APPLICATION FILED MAY 7, 1914.

1,129,110.

Patented Feb. 23, 1915.

3 SHEETS—SHEET 1.

Fig. 2.

1246		1246 ST. K N.J.								4.	
JOHN DOE & Co. New York		SOLD TO JOHN SMITH 123 JOHN ST. NEWARK N.J.		DAILY CREDITS		OLD BALANCE		NEW BALANCE			
SALE	DATE	DESCRIPTION	ITEM	TOTALS							

Fig. 1.

2		FOLIO 1246		JOHN SMITH 123 JOHN ST. NEWARK N.J.		LIMIT \$50					
YEAR	MONTH										
JAN.	1914										
FEB.	1914										
MAR.	1914										
APR.	1914										
MAY	1914										
JUNE	1914										
JULY	1914										
AUG.	1914										
SEP.	1914										
OCT.	1914										
NOV.	1914										
DEC.	1914										
JAN.	1915										
FEB.	1915										
MAR.	1915										
APR.	1915										
MAY	1915										
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APR.	1916										
MAY	1916										
JUNE	1916										
JULY	1916										
AUG.	1916										
SEP.	1916										
OCT.	1916										
NOV.	1916										
DEC.	1916										

WITNESSES:
[Signature]
G. V. Lockwood

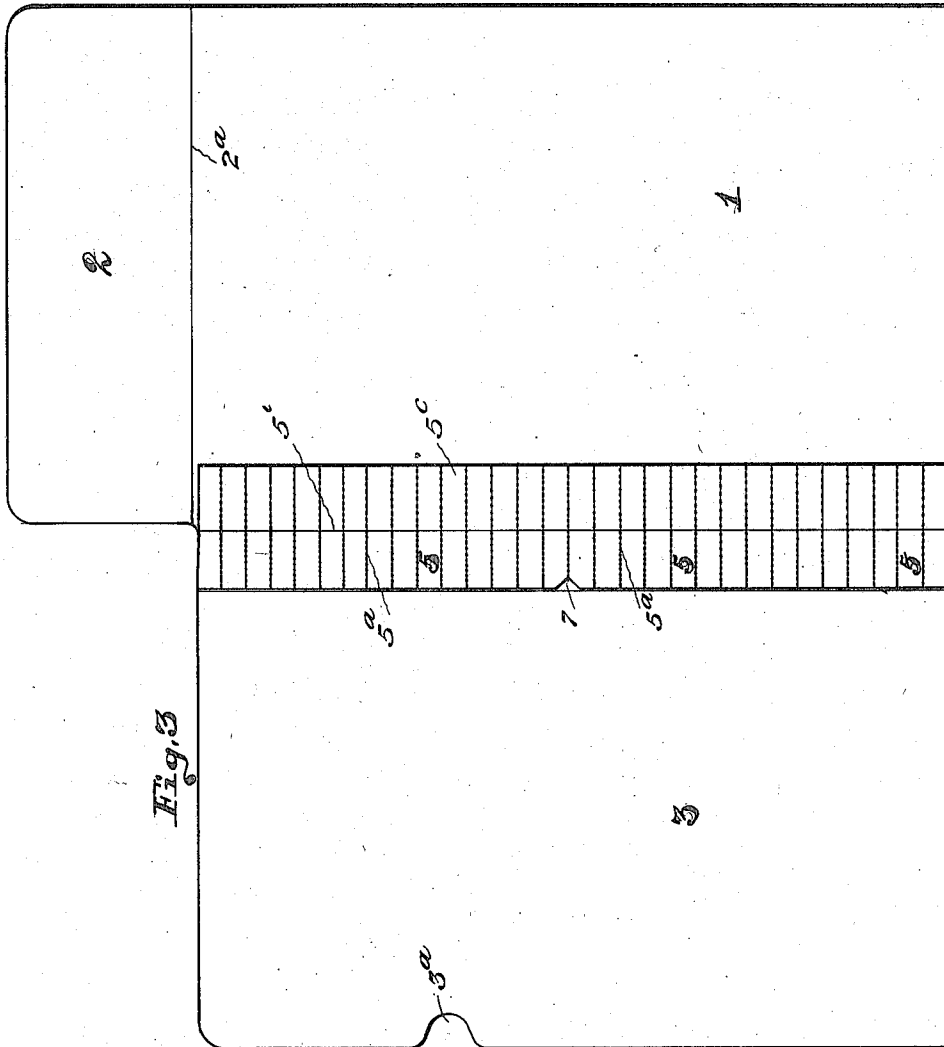
INVENTOR
 Forest H. Montgomery
 BY
[Signature]
 ATTORNEY

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3 SHEETS—SHEET 2.



WITNESSES:

[Signature]
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INVENTOR

Forest H. Montgomery

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3 SHEETS—SHEET 3.

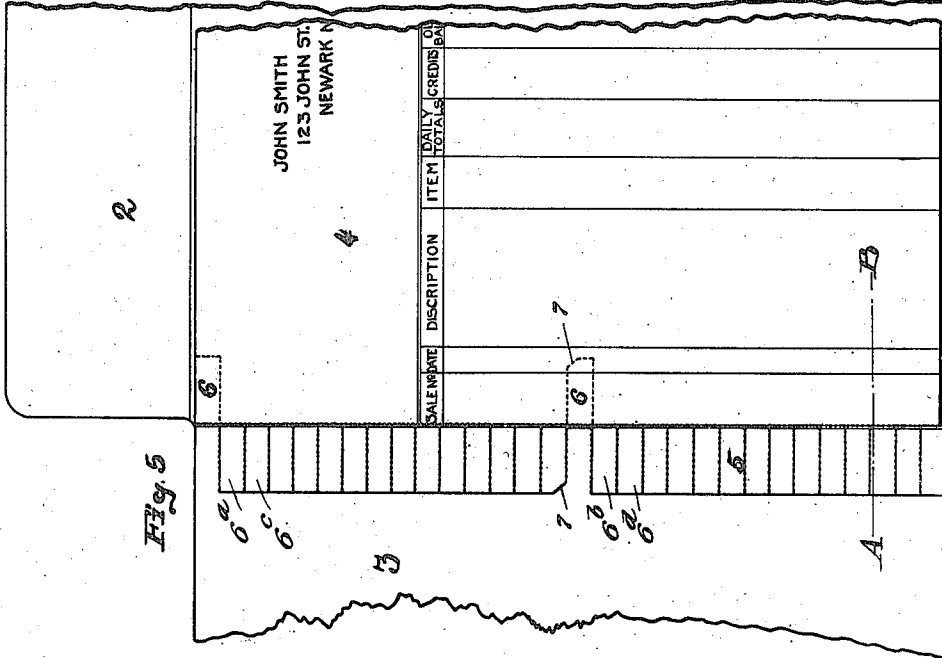


Fig. 5

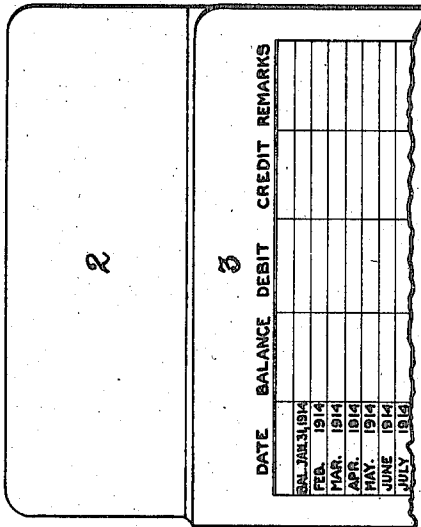


Fig. 4

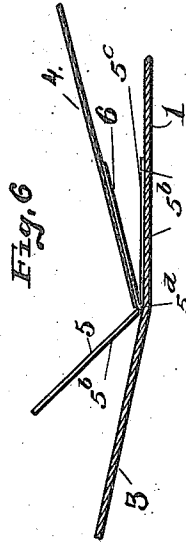


Fig. 6

WITNESSES:

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INVENTOR

Forest H. Montgomery

BY

[Signature]
 ATTORNEY

UNITED STATES PATENT OFFICE.

FOREST H. MONTGOMERY, OF EAST ORANGE, NEW JERSEY.

BINDER FOR LOOSE-LEAF LEDGERS.

1,129,110.

Specification of Letters Patent. Patented Feb. 23, 1915.

Application filed May 7, 1914. Serial No. 836,967.

To all whom it may concern:

Be it known that I, FOREST H. MONTGOMERY, a citizen of the United States, residing at East Orange, county of Essex, and State of New Jersey, have invented certain new and useful Improvements in Binders for Loose-Leaf Ledgers, of which the following is a specification.

This invention relates to binders for loose leaf ledgers.

The present invention relates to that general class of binder employing gummed tabs to which leaves or sheets may be adhesively secured, and it has for its object, first, the provision of a continuous binder strip of paper or textile material having gummed parts which can be partially severed to produce tabs to which leaves or sheets may be adhesively secured, without disturbing the remaining portion of the continuous binder; second, more particularly, a continuous gummed binder strip having successive lines of perforations which outline tabs that may be partially severed to freely project for the adhesive attachment of sheets or leaves, without disturbing the remaining portion of the strip; third, a backing or cover provided with a continuous strip having partially severable gummed portions which define adhesive tabs for the securement of leaves or sheets to the backing.

Further objects of the invention are the provision of a file or binder of improved construction having, first, an overlying flap designed to provide a straight filing edge and to prevent gaping of the file when it is in a vertical filing case or drawer and adapted to bear indicia relating to the file and to serve as a protection of a current sheet which is temporarily inserted under the flap; and still further, an improved notched or recessed edge construction, whereby the file may be readily opened.

The present invention is designed for use as a binder for letters, duplicate bills, record sheets, or leaves of any nature whatsoever and to conveniently hold the sheets or leaves successively accumulated so that they may be turned over like the pages of a book. It is, however, particularly designed and adapted for use as a binder for loose leaf ledger sheets and similar papers wherein the various leaves or sheets may be secured, one at a time, to constitute a permanent and up-to-date record of an individual account.

It is a common practice at the present

time in business, mercantile and other establishments, to make out monthly statements or bills arranged so that a carbon impression of the bill or statement is transferred to a second sheet which forms the ledger. At stated times the bill is detached from the duplicate sheet containing the carbon impression and the original sent to the customer, the carbon copy being filed as a loose leaf ledger sheet. In certain lines of business it is customary to make the entries on the statement from day to day, striking a balance each day and carrying this statement until the end of the month or at such other stated time as bills may be rendered, at which date the outer sheet is detached from the back sheet. Where the duplicate or carbon copy is bound into a loose leaf ledger with other duplicate sheets of other accounts, it is impracticable to keep the successive statements of any particular account in segregated arrangement.

The present invention provides a binder for loose leaf ledger sheets or any similar record sheets, whereby the itemized monthly or periodic statements of a given account may be accumulated as successive leaves in a single file or binder and thus, for any desired period, all items of the given account may be readily accessible, the leaves or sheets being held by the gummed tabs so that they may be readily turned over as are the pages of a book. The file or cover may be provided with suitable columns to show monthly balances, credits, and other desired data.

The continuous gummed strip of the present invention is made separately and one portion pasted to the file or backing, entailing slight expense of production. The continuous gummed strip may be provided with perforations or any markings to indicate the division lines for the partial severance of the tabs, and as the tabs are only released as needed, the remaining portion of the strip being continuous, there are no loose projecting parts to become bent, creased, ruffled or damaged. Preferably, a notch, or indicator of some character is provided at the center of the length of the strip to define where the first tab of the lower part of the strip is to be partially severed in order that the tabs may be successively released in an even and regular manner, two for each sheet or leaf, as successive leaves are attached to the tabs, whereby the tabs for securing successive leaves or

5 sheets are offset from each other instead of being bunched. In consequence, the file is maintained of substantially the same thickness throughout its extent. The tabs are so gummed that they are adapted to be applied to the under side of the sheets or leaves and thus leave the faces of the sheets unobstructed.

10 I am aware that modifications could be resorted to in carrying out the invention, among which may be mentioned the omission of the perforations and the substitution therefor of printed lines, marks or indicia to indicate where the continuous gummed strip should be clipped or cut to release the tabs and I do not, therefore, limit myself to the precise disclosures of the drawings, except where specified in the appended claims.

15 In the accompanying drawings: Figure 1 is a front view of the complete binder; Fig. 2, a similar view of a duplicate bill or statement sheet which may be used in connection with the present invention; Fig. 3, a view looking at the inside of the binder when the latter is laid out flat; Fig. 4, a view like Fig. 1 with the top flap thrown back; Fig. 5, a view looking toward the interior of the binder with the first ledger sheet secured by two of the tabs; and Fig. 6, an enlarged section on line A--B of Fig. 5, the parts being shown spread to better illustrate the construction.

20 The file or binder consists of a single sheet of Manila or other suitable paper composed of the back 1, the front 3 and the foldable flap 2 which is adapted to fold along the line 2^a, over the front 3, as shown in Fig. 1, to thereby close the upper or filing edge of the binder and provide a straight filing edge and prevent gaping or separation of the back 1 and front 3, besides enabling the binder to be readily inserted in or removed from a vertical filing case where a number of the binders will be classified for ready reference. The flap 2 may be provided with the file number, the name, or both, of the person running the account, or, with other suitable data referring to the binder, according to the papers it contains. The front 3 is preferably provided with dates and columns from which the general condition of the account may be ascertained.

25 Referring to Figs. 3 and 5, 5 represents a continuous strip of gummed paper or linen extending substantially the full length of the binder and provided with transversely arranged lines of perforations 5^a. One entire side, as 5^b, is gummed. A portion 5^c of the width of the strip 5 is moistened and applied to the back 1 and the line of folding 5^d of the remaining portion of the strip 5 is coincident with the line of folding of the front 3 on the back 1. The strip 5, 5^c, may, in the process of manufacture, be made in one con-

tinuous length and severed into strips of a suitable length to be pasted into the binder, and as the parts 5, 5^c are duplicates, no particular manipulation of the strip is required when pasting it to the back 1. If, however, it is desired to omit the perforations in the part 5^c, this may be done. Instead of the perforations 5^a, lines might be printed on the strip or notches made in the edge thereof, or any suitable marks provided to indicate where the strip should be cut or partially severed transversely to define the tabs 6 (Figs. 5 and 6). The continuous strip 5 is free, as shown in Fig. 6, and the tabs 6 may be readily freed by partial severance, and then pasted to the lower side of the duplicate ledger sheet 4, whereby the latter is hinged or bound as is the leaf of a book. Preferably, a notch 7 is provided intermediate the ends of the strip 5 as a guide to indicate which tab 6 of those of the lower part of said strip should be first severed. Preferably, two tabs will be partially severed to form the joint or hinge for each sheet 4. As successive sheets are applied to the binder, the tabs 6^a, 6^b; 6^c, 6^d will be released, etc., so that each sheet 4 is separately connected to the strip 5 by its own pair of hinging tabs.

Fig. 2 illustrates a common form of duplicate loose leaf ledger sheet, wherein 4 is the duplicate sheet, 4^a the original and 4^b the carbon sheet interposed between 4 and 4^a. The items are written or typewritten on the sheet 4^a and the carbon impression appears on the sheet 4. When the bill is to be sent out, the original sheet 4^a is detached and the duplicate sheet 4 is applied to the binder and subsequent statements are applied over on top of the first, the entire account being thus kept up to date and all the sheets in a single binder for a given account.

Referring to Figs. 1 and 3, there is provided in the edge of the front 3, a finger notch 3^a which permits the thumb of the right-hand to immediately grasp the edge of the back 1 while the fingers of the left-hand grasp the front 3, thus obviating fingering of the binder when it is desired to open it.

The strip 5 may be provided as a single continuous gummed strip without the perforations, 5^a, and devoid even of lines, notches, or other indicia to indicate where the strip should be cut transversely to form tabs. In using this form of the invention, a pair of scissors may be used to cut the strip 5 to form leaf-attaching tabs.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent, is:

1. A loose leaf file or binder comprising relatively foldable back and front, a top flap on the back adapted to fold over the front, and a continuous flat strip, one part of

- which is adhesively secured to the interior of the file or binder, the remaining part being free, normally continuous, and gummed and adapted for subdivision at will into leaf-attaching tabs.
2. A loose leaf file or binder comprising relatively foldable back and front, a top flap on the back adapted to fold over the front, and leaf-holding means located between the back and front.
3. A file or binder having relatively foldable back and front, a top flap adapted to fold over the front, and a continuous flat strip attached to the binder and provided with means indicating severance lines for loose leaf-attaching tabs.
4. A loose leaf file or binder having a free continuous gummed strip adapted for subdivision into leaf-attaching tabs and provided with an indicating device intermediate its ends.

In testimony whereof, I hereunto affix my signature in presence of two witnesses.

FOREST H. MONTGOMERY.

Witnesses:

S. V. LOCKWOOD,
CHARLES H. DOING, JR.