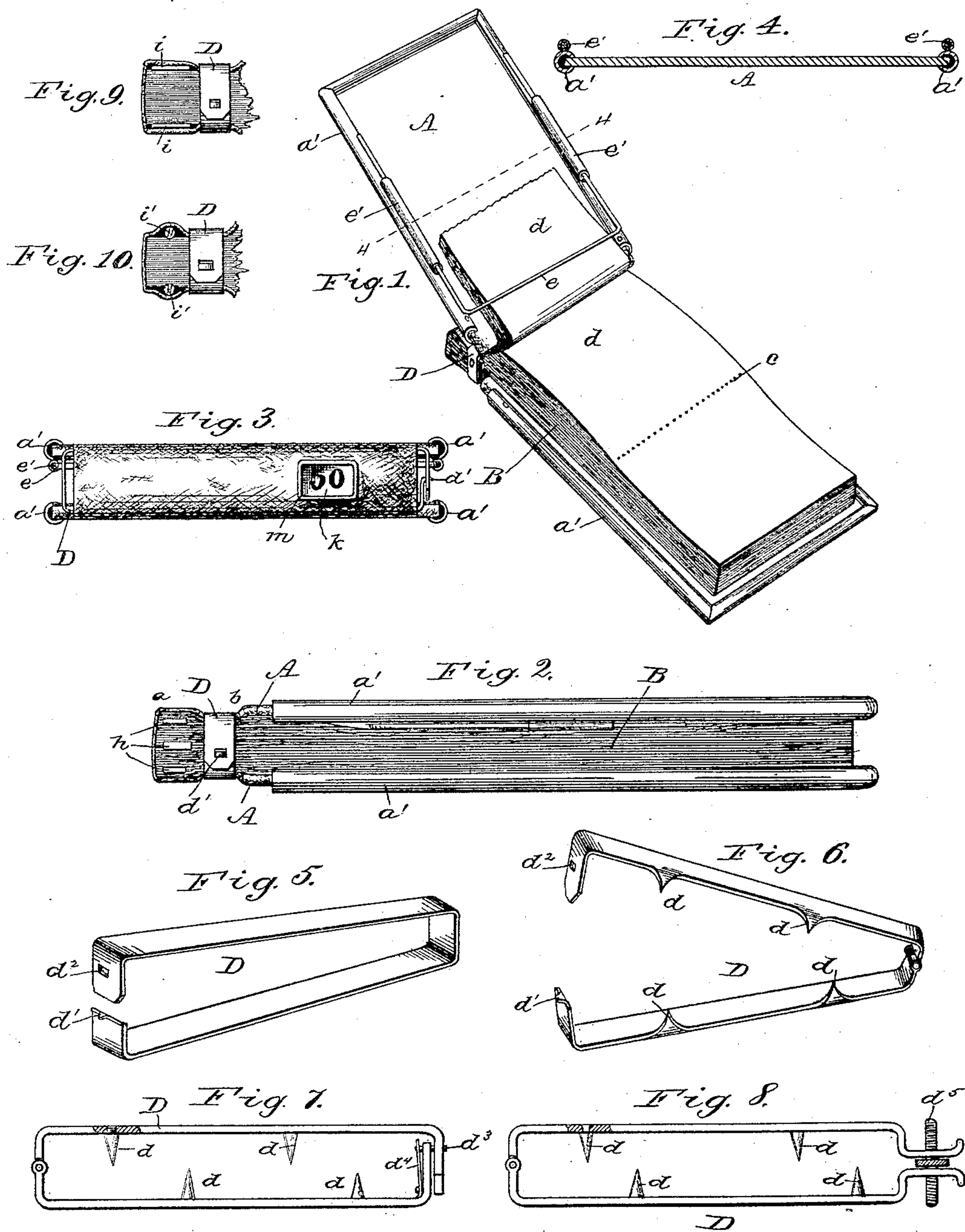


(No Model.)

W. N. GUNDERSON.
BOOK.

No. 442,222.

Patented Dec. 9, 1890.



Witnesses:

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UNITED STATES PATENT OFFICE.

WALTER N. GUNDERSON, OF CHICAGO, ILLINOIS.

BOOK.

SPECIFICATION forming part of Letters Patent No. 442,222, dated December 9, 1890.

Application filed February 28, 1890. Serial No. 342,062. (No model.)

To all whom it may concern:

Be it known that I, WALTER N. GUNDERSON, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Books, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to that class of books in which the book proper is removably secured to the cover, so that when the former has become filled or used up it can be detached from the cover and another similar book substituted therefor.

My invention is intended more particularly to be applied to railroad and other similar receipt-books; but it will be apparent that some features thereof are applicable to books used for a variety of purposes.

For a railroad or similar receipt-book I prefer to provide a strong cover the edges of which are provided with a split tubular metallic edging or binding which will protect not only the edges of the cover, but the outer surfaces thereof also to a considerable extent. The receipts composing the book proper are removable, leaving stubs, and to separate these from the unused leaves I provide a metallic stub-holder which is reversible and which is removably attached to the cover, so that when from considerable use it becomes strained or bent in one way so as to lose a portion of its resilience or holding power it can be turned other side out and will then be as stiff as ever. The cover has a flexible back portion, and when the book is inserted in the said cover a clamp, preferably having a spring-fastening device, is clasped around this flexible portion of the cover and the back part of the book to secure the latter in the cover. This clamp or clasp may have prongs or projections passing through holes in the cover into the tablet or book, or the latter may have a thickened back edge, so that a clamp or clasp without prongs or projections will hold it securely in place. The cover is preferably provided with an opening or aperture in its back, through which a name or number on the back of the tablet or book can be read, and this opening or aperture is preferably

provided with a metallic edging or binding to protect the edges of the flexible material in which the opening is cut from wear.

In the accompanying drawings, Figure 1 is a perspective view of my improved book open, and Fig. 2 is a view of the same closed. Fig. 3 is a back edge view. Fig. 4 is a section of the front cover on line 4 4, Fig. 1. Figs. 5, 6, 7, and 8 are detail views of different forms of clamps or clasps, and Figs. 9 and 10 illustrate slight modifications of the thickened back tablet or book proper.

A denotes the cover, made of any suitable strong material, such as pasteboard covered with canvas, the pasteboard or other stiff material being omitted from about an inch in width or from *a* to *b* of the back part of the cover, leaving such back part flexible.

B is the tablet or book proper, consisting of blank receipts or other papers suitably fastened or bound together at one end or side. When the book or tablet is made up of blank receipts, each leaf will have a part which is rendered easily detachable from the other part by a line of indentations or perforations, as *c*, thus leaving stubs *d*, which may be held separated from the whole leaves by a stub-holder *e*, consisting, preferably, of a piece of wire bent to the U-shaped form shown and having its opposite arms inserted in tubes or sockets *e'*.

The covers A are protected by a metallic edging or binding consisting of split metal tubes *a'*, which are opened slightly for the reception of the edges of the covers, and are then compressed onto the said edges, and secured in place by riveting or otherwise, and the tubes or sockets *e'* for the stub-holders are soldered or otherwise attached to the said metallic edgings. This tubular edging not only protects the edges of the cover from wear, but also the outer surfaces thereof to a considerable extent, owing to the fact that it projects far enough beyond said surfaces to keep them from contact with the tables, counters, or other supports on which the book may be laid. The stub-holder *e*, with its arms fitting in the tubes or sockets *e'*, may be readily removed therefrom and reversed or turned other side to, when, owing to use, it becomes bent

or loses its resilience, and when thus reversed it will become as stiff as ever.

The cover A is removably attached to the tablet or book proper B by the metallic clamp or clasp D, which surrounds the flexible back part of the said cover. The said clamp or clasp is made in the form of a band to surround the flexible rear part of the cover, and its ends are preferably secured together by a spring fastening device, which may consist simply of an outwardly-projecting lug d' , formed on one end of said band and of proper size to enter a small slot d^2 near the other end thereof. When the fastening device is made in this way, the ends of the clamp may be clasped together simply by springing the end having the slot over the end having the lug until the latter enters said slot, and to remove the clamp the end having the slot is sprung away from the end having the lug to disengage it therefrom.

The clamp or clasp may be made plain, as shown in Fig. 5, or it may be provided with inwardly-extending projections or teeth d , as shown in Figs. 6, 7, and 8, and these teeth or projections d may be formed integral with or struck out from the metal of the clamp, as in Fig. 6, or they may be attached to the clamp by being screwed into or riveted to the same, as shown in Figs. 7 and 8. When formed plain, or without the teeth or projections, the clamp may be of a single piece of spring metal, as sheet brass or steel, as it can be opened far enough to be clasped upon or removed from the book when so made; but when furnished with teeth or projections the clamp will preferably consist of two pieces of metal hinged together, as at f in Figs. 6, 7, and 8, to permit the clamp to be readily opened wide enough to disengage the teeth from the tablet or book and the cover. In Fig. 7 the fastening device is shown as consisting of a lug or bolt d^3 , carried by a plate-spring d^4 and projecting outward through slots near the ends of the band-clamp, while in Fig. 8 the device is a right and left hand screw d^5 , passing through the ends of the clamp, and by which said ends may be drawn together or separated.

When a plain band-clamp without teeth or projections is used, the tablet or book will preferably have a thickened back edge, so that it will be impossible to remove the book from the cover without unclasping the clamp. This thickened back edge may be formed by inserting several thin strips h of wood, leather, pasteboard, or other material between the back edges of the leaves of the tablet or book when binding the same, as shown in Fig. 2, or by attaching strips i or pieces of wire i' to the outsides of the back edges of the tablets or books beneath a thin cover thereto, as shown in Figs. 9 and 10.

When the clamps are provided with teeth or projections, the cover and the tablet or book will be provided with holes to receive

the same, and these holes may be either round punched holes or they may be stabbed holes formed with any kind of sharp instrument or by forcing in the said teeth or projections.

As it is desirable that a number or name on the book or tablet may be observed through the removable cover, the latter is preferably provided with a rectangular opening k , and to prevent the edges of said opening from becoming torn or worn said edges are preferably protected by a metallic binding m of sheet-brass or other similar material, thus forming a kind of "eyelet" or protected opening in the back of the cover.

When the book or tablet consists of railroad or other receipts, they may be printed in sets on differently-colored paper, either two or three receipts in a set, as may be desirable.

Having thus described my invention, I claim and desire to secure by Letters Patent—

1. The combination, with a stiff cover having a flexible back portion, of a suitably-bound book or tablet and a metallic band-clamp encircling the back edge of the tablet and the said flexible back portion of the cover and serving to removably secure the cover to the said book or tablet.

2. The combination, with a cover having a flexible back portion, of a suitably-bound book or tablet and a metallic band-clamp formed with or without teeth or projections and encircling the back edge of the tablet and the said flexible back portion of the cover and serving to removably secure the cover to the said book or tablet.

3. The combination, with a cover having a flexible back portion, of a suitably-bound book or tablet and a band-clamp formed with or without teeth or projections and encircling the back edge of the tablet and the said flexible back portion of the cover and serving to removably secure the cover to the said book or tablet, said band-clamp being provided with a spring fastening device for securing its ends together.

4. The combination, with a cover having a flexible back portion and a suitably-bound book or tablet, of a band-clamp encircling the back edge of said tablet and the said flexible portion of the said cover, the said band-clamp being provided at one end with a lug or projection d' and near its other end with a slot d^2 , to be sprung over the said lug or projection.

5. The combination, with a stiff cover having a flexible back portion and a suitably-bound book or tablet having a thickened rear edge, of a metallic band-clamp encircling the back portion of said book or tablet forward of said thickened edge, and also encircling the said flexible portion of said cover to removably secure the cover to the book or tablet.

6. The combination, with a book having leaves, a portion of which are removable, of a reversible stub-holder attached to the inside of one of the covers thereof.

7. The combination, with a book having leaves, a portion of which are removable, of a reversible stub-holder consisting of a U-shaped wire the arms of which are inserted in sockets secured to the inside of one of the covers thereof.

8. The combination, with a book-cover the edges of which are provided with a metallic binding, of the sockets *e'*, attached to said binding, and the reversible stub-holder *e*, consisting of a U-shaped wire having its arms inserted in said sockets.

9. The combination, with a suitably-bound book or tablet having a number or other inscription on its back, of a cover removably secured to said book or tablet and provided

with an opening in its back, through which said number or inscription can be seen.

10. The combination, with a suitably-bound book or tablet having a number or other in- 20
scription on its back, of a cover removably secured to said book or tablet and provided with an opening in its back, through which said number or inscription can be seen, said opening having a metallic edging or binding 25
to protect it from wear.

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

WALTER N. GUNDERSON.

Witnesses:

S. WILMER CANNELL,
PETER C. PETERSON.