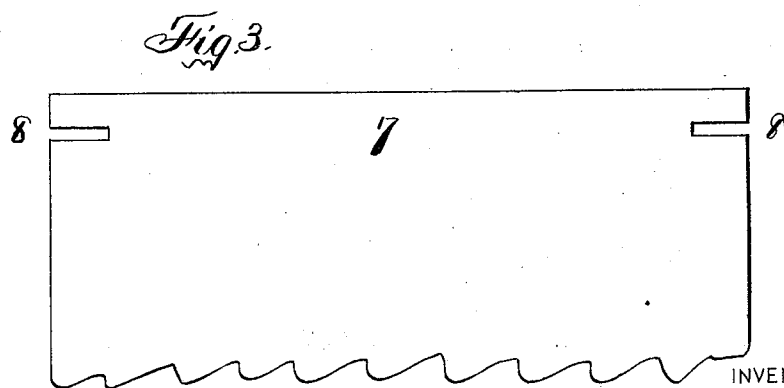
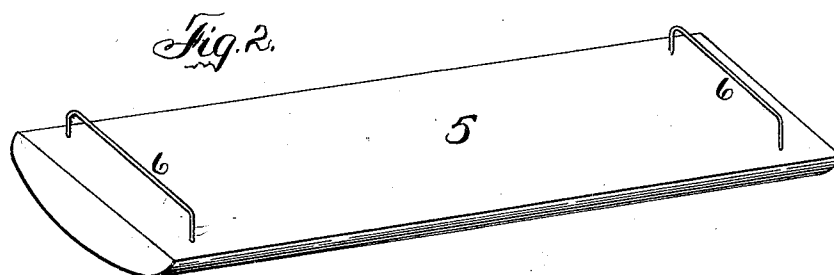
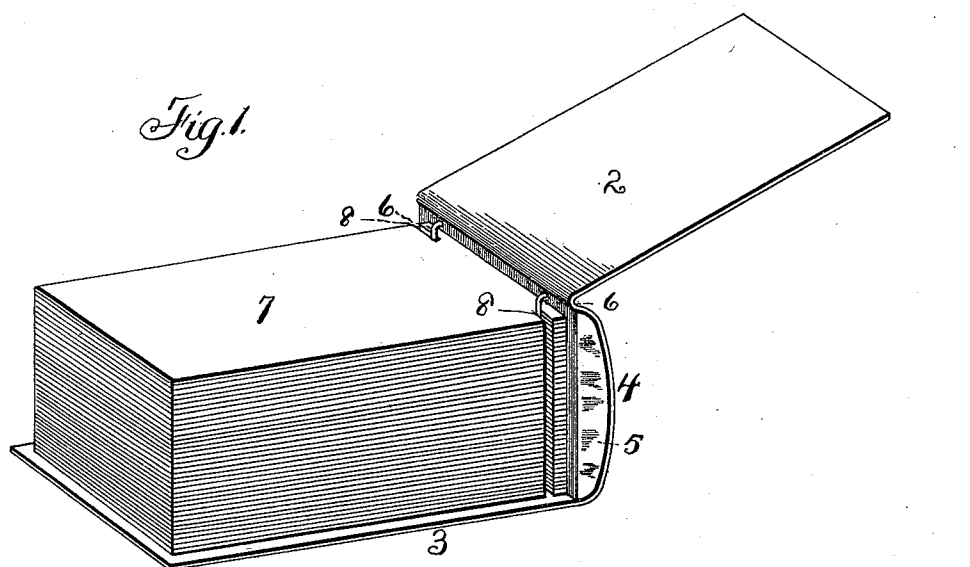


(No Model.)

F. J. STANTON.  
TEMPORARY BINDER.

No. 595,792.

Patented Dec. 21, 1897.



WITNESSES:

Charles Marvin  
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INVENTOR

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BY

Smith & Denison  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

FRANK J. STANTON, OF NORWICH, NEW YORK.

## TEMPORARY BINDER.

SPECIFICATION forming part of Letters Patent No. 595,792, dated December 21, 1897.

Application filed September 27, 1897. Serial No. 653,106. (No model.)

*To all whom it may concern:*

Be it known that I, FRANK J. STANTON, of Norwich, in the county of Chenango, in the State of New York, have invented new and useful Improvements in Binders, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

My invention relates to books or albums, and particularly to that class in which the leaves or plates are separably connected to the back.

My object is to produce a book having a permanent back to which a permanent cover is secured, said back being also provided with permanent devices, as loops of wire or other suitable material, adapted to suitably engage with the leaves, cards, or sheets to retain them and at the same time have them or any one or more of them separately removable, said leaves being recessed, notched, or slotted in opposite edges or otherwise adapted to suitably engage with or be engaged by said binder-wire loops and thereby connected to the permanent binder-back or back of the book.

My further object is to produce an album in which photographs can be bound by notching the edges to engage with the binder-loops, or an account-book, as a petty ledger, made with the leaves inserted and into which additional or new leaves can be inserted or leaves removed at any point desired.

It is constructed as follows, reference being had to the accompanying drawings, in which—

Figure 1 is a plan perspective of a book built according to my invention, showing one cover opened. Fig. 2 is a like view of the binder-back and binding-loops thereon. Fig. 3 is a top plan of part of a leaf detached.

The front and back lids or covers 2 3 and the book-back 4 are integral or suitably secured together. The back is suitably secured to the binder-back 5, or the latter is suitably bound into the former, so as to be permanently secured in place and so that the covers open onto or over its edges. This binder-

back can be made of any suitable material. At suitable points in said binder-back staples 50 or binder-loops 6 are suitably secured, so that the body thereof lies parallel with its inner face, while the legs are the securing means. These binder-loops can be made of wire or any other suitable material which will possess sufficient inherent stiffness or rigidity to hold its form and is not flexible or yielding, as a cord. The leaves, sheets, cards, or plates 7 are previously prepared with recesses, slots, or notches 8 of suitable size in their opposite edges at suitable points equidistant from the inner end or side of each sheet, so that by bending the sheet a little said slots can be readily brought into position to receive said binder-loops, and then when it is flattened it is bound in by said loops, but can be removed by reversing the operation of insertion.

It will be seen that the back of the book remains of the same depth or thickness when only a few leaves are inserted as when the full number are inserted up to the capacity of the loops.

I am aware that it is not new to provide slots or notches in the leaves nor secure them by cords or elastic binders.

The leaves 7 may be of stiff cardboard and have a flexible neck connecting it with a stiff end which engages the binder-loops 6.

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

A book or album, comprising a front and back cover, and a back connecting them, in combination with a binder-back permanently bound into said cover-back, and rigid binder-loops secured in said binder-back at points intermediate of its length and projecting therefrom, and a series of leaves notched in their opposite edges to receive said binder-loops.

In witness whereof I have hereunto set my hand this 8th day of September, 1897.

FRANK J. STANTON.

In presence of—

BURT W. STOVER,  
HORACE L. SHORT.