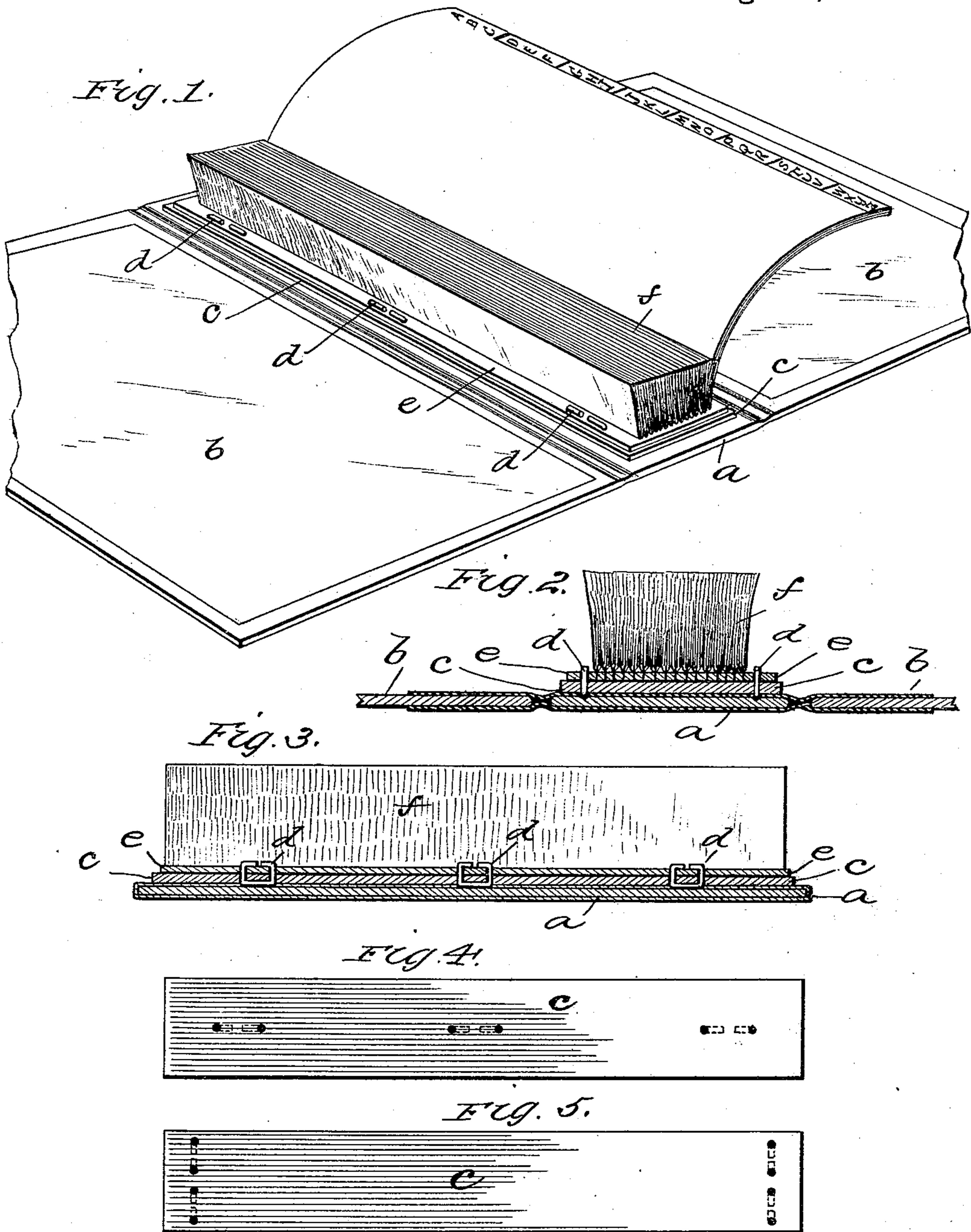


(No Model.)

F. BOWMAN.
TEMPORARY BINDER.

No. 480,992.

Patented Aug. 16, 1892.



Witnesses
Edward J. Lussen,
W. Harvey Muzzy,

Inventor
Frank Bowman
By Alexander Davis
Attorneys

UNITED STATES PATENT OFFICE.

FRANK BOWMAN, OF BROOKLYN, NEW YORK.

TEMPORARY BINDER.

SPECIFICATION forming part of Letters Patent No. 480,992, dated August 16, 1892.

Application filed June 16, 1892. Serial No. 436,963. (No model.)

To all whom it may concern:

Be it known that I, FRANK BOWMAN, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Temporary Binders, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to a new and improved temporary binder or holder for that class of stub files or books which is used for filing letters, bills, &c.; and it has for its object to provide a simple and inexpensive device whereby a book of stubs attached to a rigid back may be removably secured to a rigid outer back or case provided with covers.

In the drawings, Figure 1 is a perspective view of my improved stub-file, showing the covers of the removable back opened out flat. Fig. 2 is a cross-section of the book, showing the devices which fasten the removable stub-book to the outer back; and Fig. 3 is a longitudinal section showing the same more clearly. Figs. 4 and 5 are detail views hereinafter described.

Referring to the drawings, *a* designates a flat rigid outer back, to the longitudinal edges of which are flexibly secured covers *b b*. To the inner side of the flat back *a* is permanently secured a rigid flat inner back *c*, which is a trifle smaller than the outer back, and is provided at suitable intervals along its longitudinal edges with perforations for the passage of the prongs of U-shaped staples *d*. These staples are passed through the perforations in the inner back from its under side upwardly, the horizontal portions bearing against the under side of the inner back, and when the said inner back is glued to the outer back this horizontal portion is forced into and is embedded in the adjacent sides of these backs, which permits said backs to be brought closely together and to be firmly secured to each other.

The detachable stub-book consists of the flat rigid back *e*, to which are rigidly secured in any suitable manner the gummed studs *f*. The rigid back *e* of the stub-book is provided along its longitudinal edges outside of the stubs with perforations which correspond and

register with the perforations of the inner back *c*.

When it is desired to secure a stub-book within the outer back or casing, the upwardly-projecting malleable prongs of the staples *d* are passed through the perforations in the back *e* of the stub-book, and those portions of the prongs which project above the back of the stub are turned or bent down upon the upper side of the back of the stub-book, as shown in Figs. 1 and 3, and serve to securely hold the stub-book in position.

When the stub-book has been filled with letters or bills, it may be readily removed by bending up or straightening the staple-prongs *d*, as is evident.

In Figs. 4 and 5 are shown slight modifications of the inner back *e*. As shown in these views, the staples *d* or any fastening devices may be arranged across the top and bottom of the back, or they may be arranged along the middle of the back, as shown in Fig. 4. In fact, these fastening devices may be arranged in any suitable manner, the only requisite being that the perforations in the back of the stub-book may be arranged to correspond and register with the fastening devices on the removable back.

When desired, the stub-book may be provided with a suitable index, as shown in Fig. 1. One of the principal objects of this invention is to adapt it for use in connection with a cabinet in which bills and letters, &c., may be filed in compact form and in convenient arrangement for reference. When a stub-book becomes filled, it may be readily removed from the outer casing and properly marked on the outside of its rigid back in any suitable manner and filed in a suitable cabinet, and a new stub-book may be secured within the outer casing and covers. It will thus be seen that the necessity and expense of providing permanent outer backs and covers for each stub-file are obviated and at the same time a stub-file is provided which may be filed away when filled with comparatively little danger of the stubs and their attached bills or letters being disarranged or lost.

It is evident that the stub-leaves may be gummed or ungummed, as the exigencies of the case may require, and it will also be evi-

dent that the removable book may be provided with full-sized leaves instead of stubs.

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

1. In a temporary binder, the combination of the outer back and covers, malleable fastening-prongs secured permanently to the inner side of the outer back, and a book removably clamped to the outer back by said malleable fastenings, the fastenings being bent down upon the stub-book back, so as to removably clamp the same, substantially as described.

2. In a temporary binder for files, consisting of an outer back and covers flexibly secured thereto, a removable book provided with back, and metal fastenings secured to the inner side of the outer back and detachably securing the book to the outer back, substantially as described.

3. A temporary binder or holder for files, consisting of a rigid outer back, covers flexibly secured thereto, a removable book having a rigid back provided with perforations, and malleable metal fastenings secured to the

inner side and projecting through the perforations in the back of the book, the upper ends of the fastenings being bent down to removably secure the book to the outer back, substantially as described.

4. A temporary binder for files, consisting of an outer back, covers flexibly secured thereto, an inner back rigidly and permanently secured to the outer back, a removable book consisting of a rigid back and leaves rigidly secured thereto, and malleable metal staples or fastenings secured between the outer and inner backs, their prongs projecting upwardly through the inner back and through perforations in the back of the book and their upper ends being turned or bent down upon the removable book-back to removably secure the book to the inner back, substantially as described.

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

FRANK BOWMAN.

Witnesses:

JOHN C. HASTIE,

ALBERT E. CUTHBERT.