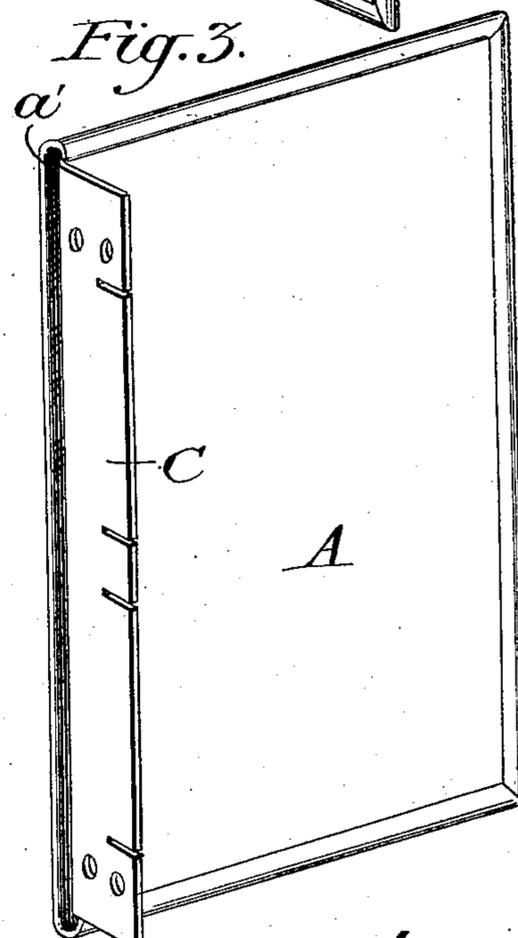
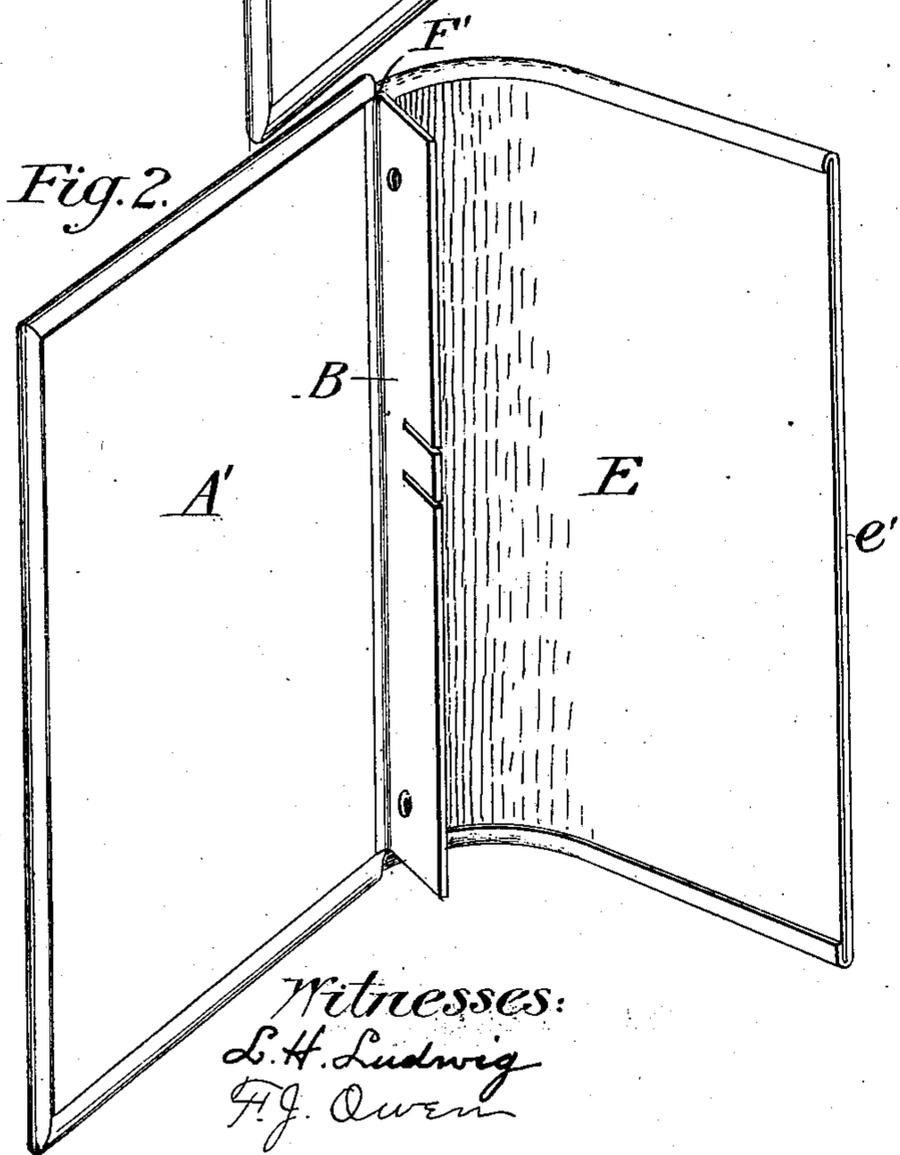
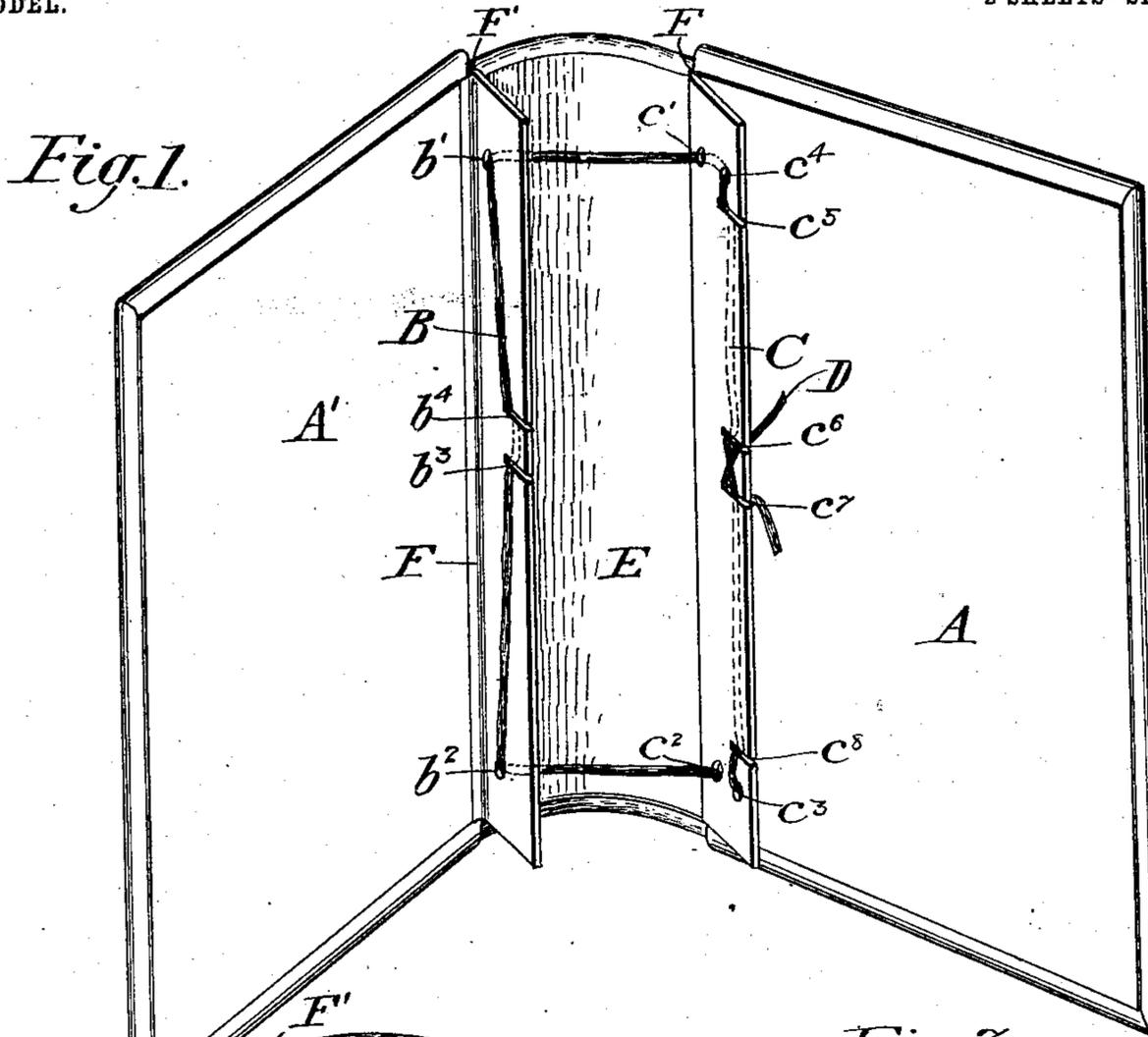


F. B. WHITNEY.
BINDER AND FILE FOR PAMPHLETS, BOOKS, LEDGERS, &c.

APPLICATION FILED DEC. 1, 1903.

NO MODEL.

2 SHEETS—SHEET 1.



Witnesses:
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F. J. Owen

Inventor:
F. B. Whitney

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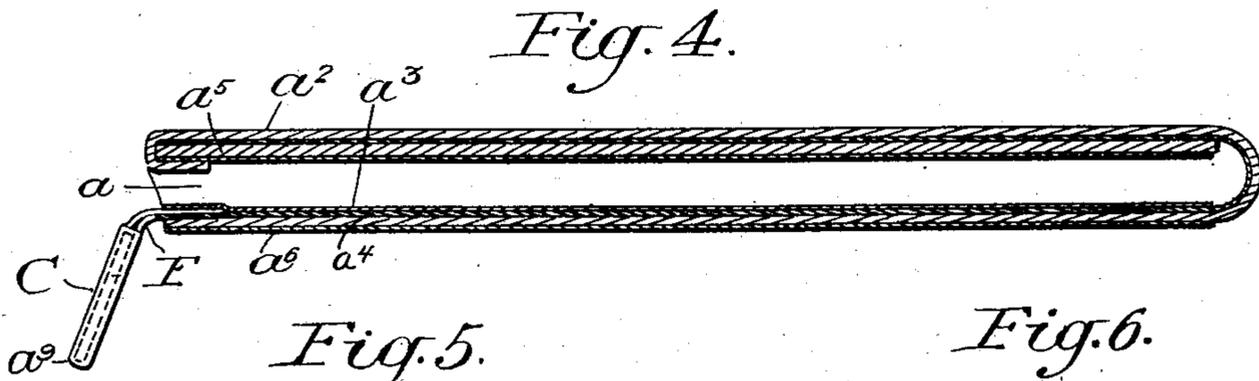


Fig. 5.

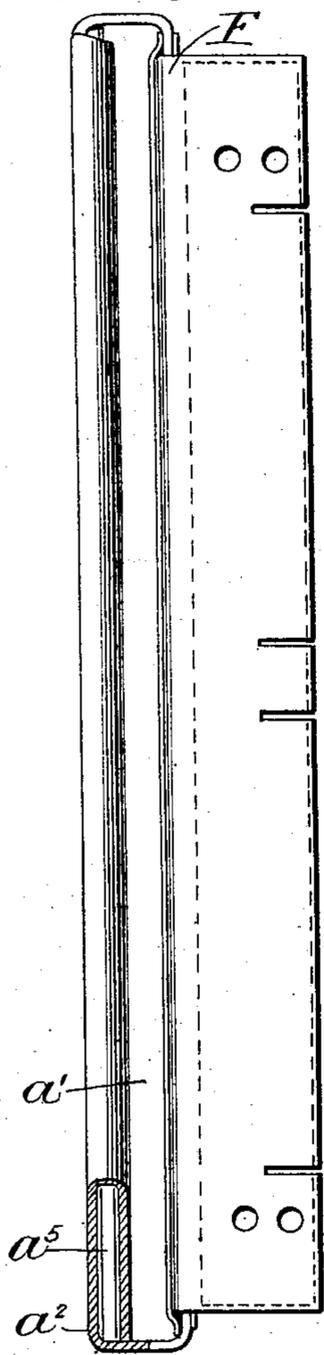
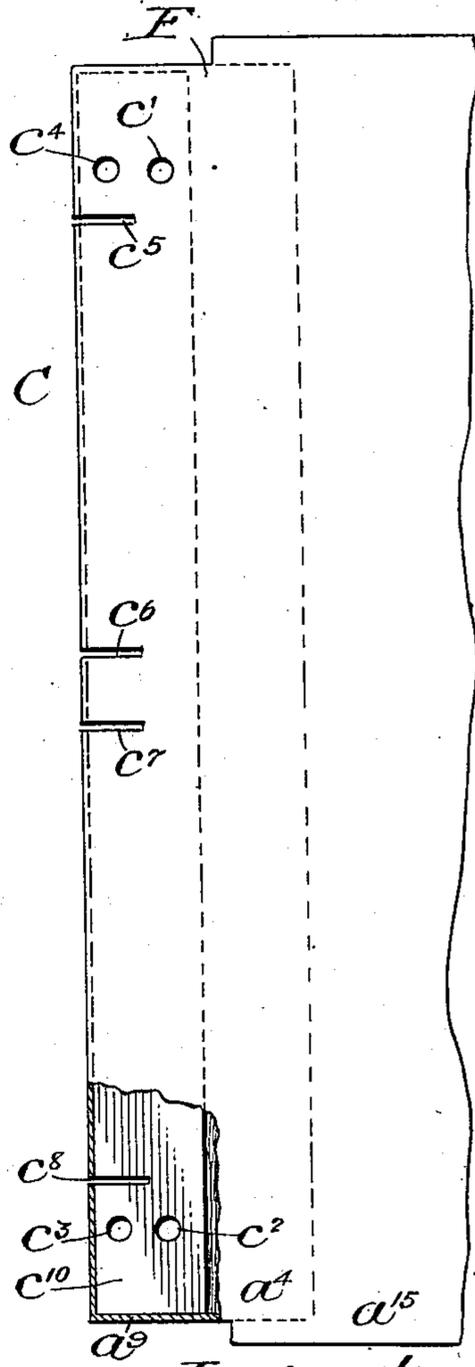


Fig. 6.



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FRED B. WHITNEY, OF WAUKEGAN, ILLINOIS.

BINDER AND FILE FOR PAMPHLETS, BOOKS, LEDGERS, &c.

SPECIFICATION forming part of Letters Patent No. 754,628, dated March 15, 1904.

Application filed December 1, 1903. Serial No. 183,348. (No model.)

To all whom it may concern:

Be it known that I, FRED B. WHITNEY, a citizen of the United States, residing at Waukegan, in the county of Lake and State of Illinois, have invented a new and useful Binder and File for Pamphlets, Books, Ledgers, Documents, Letters, &c., of which the following is a specification.

This invention relates to a book-surfaced 10 expansible binder and file with an expansible pliable back, having adjustable lids of suitable bookbinders' materials so connected and secured together as to provide a simple means whereby the capacity thereof may be 15 increased or decreased, according to the number of pamphlets, sheets, leaves, &c., it is desired to keep in a clean and firmly-secured condition within completely-filled covers and close-fitting protecting-back.

20 The binder is very simple and strong and durable in construction and can be manufactured at a low cost.

In order to comprehend the invention, reference is made to drawings and specification.

25 Figure 1 is an interior perspective view of one of the binders open, showing part of the expansible back and binding-clamps with connecting-fastener therefor and hinged attachment thereof to the lids. Figs. 2, 3 present 30 views of the interior side of the lids, entire back, and binding-clamps, showing opening of pocket in which the expansible back is contained. Fig. 4 is a cross-section of the lid A and binding-clamp C, showing arrangement 35 of materials. Fig. 5 is a view of the posterior edge of the lid, partly in section, with pocket and binding-clamp hinged thereto, showing arrangement of parts thereof. Fig. 40 6 presents one of the binding-clamps, consisting of incasing sleeve and metal interior, the sleeve, "extended," forming hinge, showing the arrangement of parts thereof and locking holes and notches securing the connecting-fastener.

45 The two lids A A' and back E are made of any commonly-used bookbinders' materials and vary in size according to the contents desired to be protected and bound.

The two binding-clamps B C are made of 50 thin flat metal c^{10} , Fig. 6, or any hard stiff

material, about one-half inch in width, securely attached to and completely incased within sleeve a^9 , of binder's cloth or pliable leather, which at its posterior edge forms 55 hinges F F' by attachment thereof by gluing, pasting, or sewing to the lids A A' and back E, which arrangement permits the lids A A' to be freely opened, while the binding-clamps firmly secure the contents bound therebetween. 60

The connecting-fastener D is made of cloth or leather tape, flexible wire, or twine.

The binding-clamp B has holes $b' b^2$ close to posterior edge thereof and narrow notches $b^3 b^4$ cut at right angles into the anterior edge 65 thereof.

The binding-clamp C has holes $c' c^2$ and $c^3 c^4$ close to posterior and anterior edges thereof and narrow notches $c^5 c^8$ and $c^6 c^7$ cut at right angles into the anterior edge thereof. 70

The pamphlets, &c., are prepared by punching holes therein through which to pass the connecting-fastener D. The connecting-fastener D is passed through the hole b^2 from the inside side of clamp B and back through the 75 hole b' thereof and is then adjusted so that its middle part is opposite the securing-notches $b^3 b^4$ and is then put down into the notch b^3 and up into notch b^4 , and thus securing connecting-fastener D from slipping, &c. The 80 free ends of the connecting-fastener D are passed through the punched holes of the pamphlets, &c., and then into the holes $c' c^2$ of clamp C, Fig. 1, and back through the holes $c^3 c^4$ thereof. The clamps B C and the in- 85 closed pamphlets, &c., are then closely pressed together, and the connecting-fastener D is drawn taut and securely locked by being put into the notches $c^5 c^8$. The free ends of the connecting-fastener D are put into the notches 90 $c^6 c^7$ to keep the extra part thereof within the lids.

To remove the pamphlets, &c., the connecting-fastener D is slipped out of the notches $c^6 c^7$, slipped out of notches $c^5 c^8$, pulled out of 95 holes $c^3 c^4$ and $c' c^2$, and the pamphlets slipped off of the connecting-fastener D.

The expansible pliable back E is of the same width and slightly shorter than the lid A' and is glued, pasted, or sewed thereto. Its 100

edge e' , Fig. 2, is inserted into the opening of the pocket a' , Figs. 3, 4, 5, and slides therein as the contents of the binder vary in thickness.

5 The pocket a' , Figs. 3, 4, 5, in the lid A is constructed as follows: The sleeve a^9 at its posterior edge is extended, a^4 , Fig. 6, and made considerably larger than the surface of the lid A, as shown at a^{15} , Fig. 6. Upon the pocket
 10 side of the sleeve extended a^4 is glued, pasted, or sewed a lining a^3 of the same size as the interior surface of the lid A. The sleeve extended a^4 is placed upon the interior surface of the lid A, part a^5 , Fig. 4, and the part of
 15 the sleeve extended a^4 outside of the edges of the lining a^3 is pulled over the ends and anterior edge of the part a^5 of the lid A and glued or pasted to the exterior surface of part a^5 . The exterior finishing part a^2 of the lid
 20 A is pulled over the ends and edges as heretofore covered and glued or pasted upon the exposed edge of the sleeve extended a^4 .

An interior finishing-cover a^6 is pasted or glued upon the inner surface of the lid A—
 25 that is, upon exposed surface of a^4 .

The binding-clamp C is hinged to the lid A, as above described in the description of the pocket a' , its incasing sleeve a^9 , before mentioned, being extended, a^4 , and made a com-
 30 ponent part of the lid A, thereby permitting the clamp C to swing freely from the lid A

on account of the hinge F made by the cloth or pliable leather of the sleeve extended a^4 being glued, &c., to the lid A, as before described.

The binding-clamp B is incased in sleeve, as C, and secured by gluing, &c., its extended part of the incasing sleeve to the lid A' and the back E, which arrangement gives hinge F', as heretofore described for clamp C.

Having described my invention, I claim—

1. In an expansible binder, binding-clamps, lids hinged to said clamps, an expansible back connecting said clamps, each of said clamps comprising a metal plate covered by a sleeve,
 45 said sleeve being extended and connected to its respective lid, said clamps being provided with holes for the passage of a connecting-fastener and also with locking-notches in the edges thereof.

2. In a temporary binder, the lids having clamps hinged thereto, said clamps having holes therethrough and a plurality of locking-notches in the edges thereof.

In testimony whereof I have signed my name
 55 to this specification in the presence of two subscribing witnesses.

FRED B. WHITNEY.

Witnesses:

CHAS. H. RIDENOUR,
 W. A. SMITH.