

(No Model.)

F. BOWMAN.
PRESS COPY BOOK.

No. 467,789.

Patented Jan. 26, 1892.

Fig. 1.

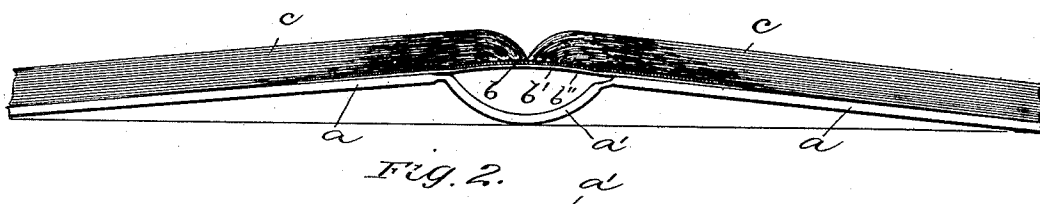


Fig. 2.

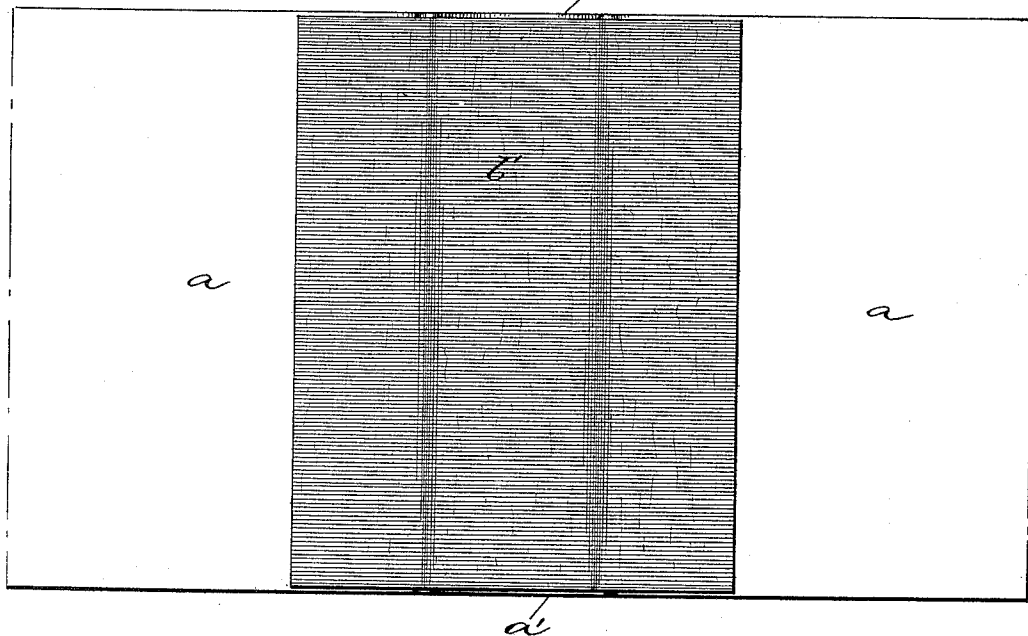


Fig. 3.



Witnesses

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FRANK BOWMAN, OF BROOKLYN, NEW YORK.

PRESS-COPY BOOK.

SPECIFICATION forming part of Letters Patent No. 467,789, dated January 26, 1892.

Application filed November 28, 1891. Serial No. 413,403. (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 Press-Copy Books, of which the following is a specification, reference being had therein to the accompanying drawings, in which—

Figure 1 represents an end view of my improved book open; Fig. 2, a plan view of the open book, the signatures being removed to better show the waterproofing compound; Fig. 3, a detail transverse sectional view of the inner strip with signatures attached.

This invention relates to that class of books known as "press-copy" books, wherein the leaves are made of tissue-paper and are dampened during the process of copying; and it has for its object to provide means for preventing the moisture used during the process of copying from reaching the band or strip of fabric to which the leaves are stitched, and also the glue under the same, whereby the glue and fabric will not be injured by the water, as will presently appear.

In the drawings, *a a* designates the covers, which are flexibly connected to the concave back *a'* in the usual manner. A strong flexible strip of suitable fabric *b* extends the full length of the book from end to end and across the concavity of the back, and is securely glued to the inner edge of the covers, the edges of this strip extending a considerable distance in upon the covers. The entire upper side of this fabric is provided with a coating *b'* of waterproofing compound, such as rubber. The sections of tissue-paper leaves are stitched to the compound on the fabric, the stitching passing through both the compound and the fabric. If desired, a strip of fabric *b''* may be glued to the under side of the fabric *b* before gluing it to the covers, this fabric serving to add strength and more

securely fasten it to the covers. Books of this character are usually preserved for many years after being filled with copies, and are constantly being referred to for information. In order, therefore, that they may remain intact and withstand the rough usage they are subjected to both during the process of press-copying and for a long time afterward it is essential that they be strongly and durably constructed.

In the present invention the book is rendered much more durable and stronger by providing the upper face of the fabric with a flexible coating of waterproofing material, whereby the water forced from the wet leaves during the pressing operation will be prevented from reaching and injuring the fabric and the glue under the same and the outer back strip. The fabric and its coating are flexible and strong and will not be injured by the great pressure these books are usually subjected to.

Nothing is claimed in this application covered by a former application filed by me on the 9th day of November, 1891, and serially numbered 411,301.

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

The combination of the back strip and covers flexibly connected thereto, a strip of fabric extending the full length of the book and having its longitudinal edges glued to the inner edges of the covers, a coating of waterproofing material upon the entire upper surface of said strip, and the leaves stitched to said coated fabric, substantially as described.

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

FRANK BOWMAN.

Witnesses:

ALBERT E. CUTHBERT,
HENRY M. HAWKES.