

*D. Shive.*  
*Book-Binding.*  
*N<sup>o</sup> 98,200. Patented Dec. 21, 1869.*

Fig. 1.

A

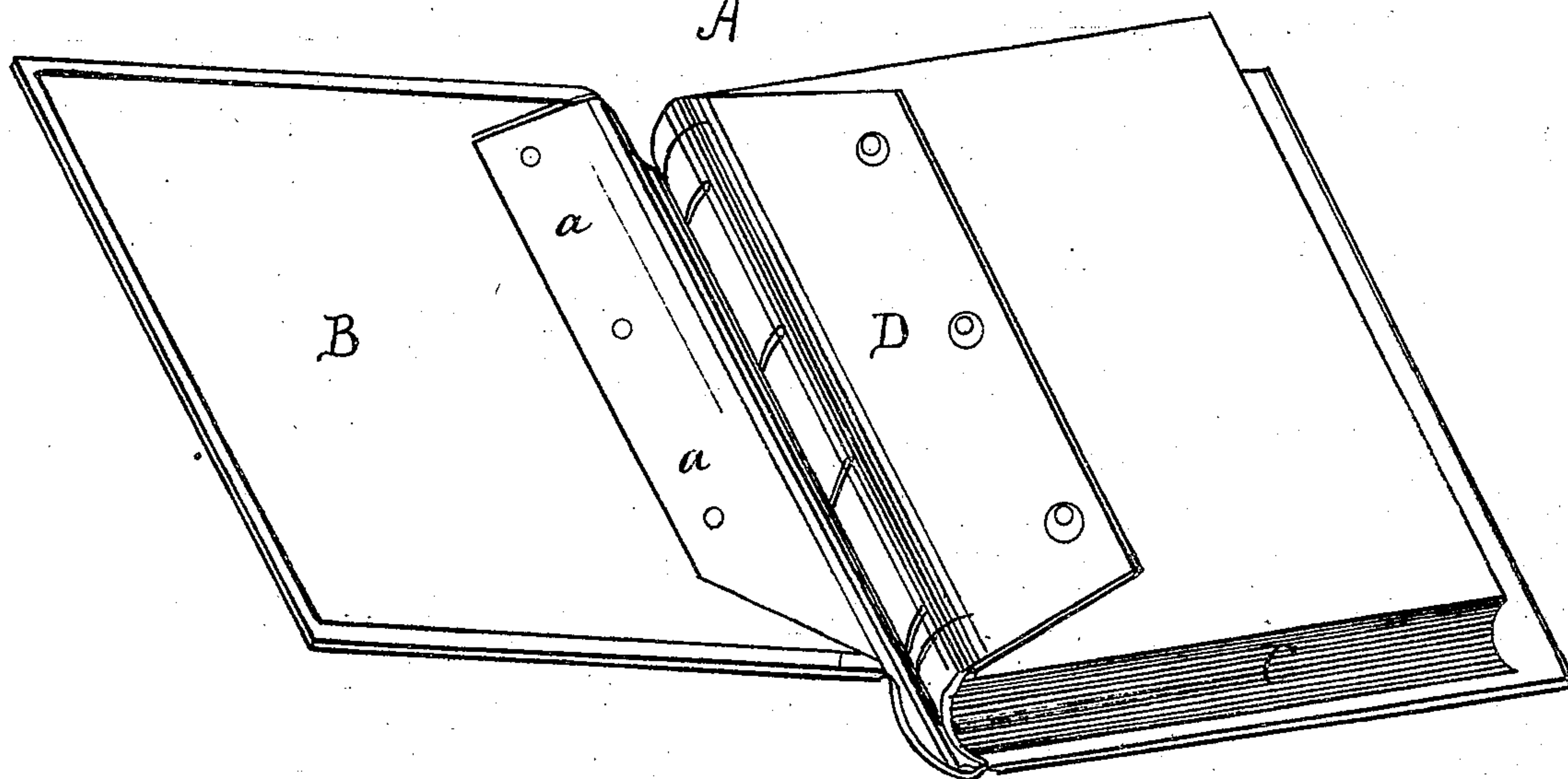
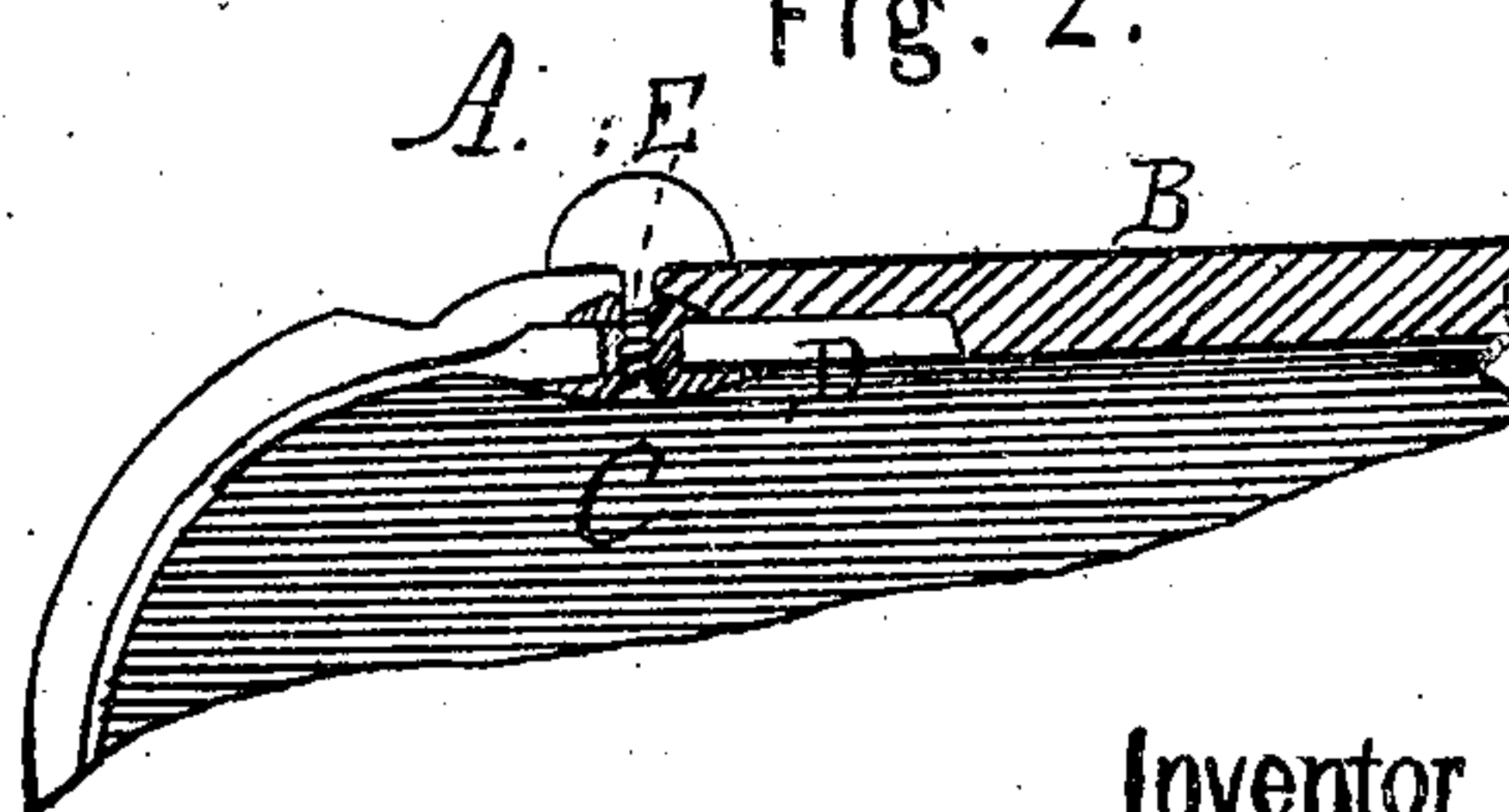


Fig. 2.



Witnesses

*Geo. W. R. R. R.*  
*Adm. of the Book.*

Inventor

*D. Shive*  
*by John A. Deedersheim*  
*attys*

# United States Patent Office.

DAVID SHIVE, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 98,200, dated December 21, 1869.

## IMPROVEMENT IN BOOKBINDING.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, DAVID SHIVE, of the city and county of Philadelphia, and State of Pennsylvania, have invented a new and useful Improvement in Books; and I do hereby declare the following to be a clear and exact description of the nature thereof, sufficient to enable others skilled in the art to which my invention appertains, to fully understand and use the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a perspective view of a book, illustrative of my invention.

Figure 2 is an end view of a portion thereof.

Similar letters of reference indicate corresponding parts in the two figures.

The object of my invention is to save or preserve the binding, cover, or case of blank or other books, when the leaves are full of matter. This occurs more particularly with express and railroad companies, banks, and like institutions.

My invention is also designed to obviate the necessity of making books large and unwieldy, which is often resorted to to save expense.

In the furtherance of my invention, I will state that the binding of the books is in all respects the same as that for spring-back books, or those in ordinary use.

I cut out a piece of the board which forms the inner side of the cover or case, leaving a recess therein, and the piece so cut constitutes a flap.

This flap is part of the book, and, of course, fits snugly in the recess.

The two parts are joined together by screws, studs, or other removable fastenings, and may be disengaged in any suitable manner.

In the drawings—

A represents a book;

B, its back, cover, or case, and

C, the leaves.

On the inside of the covers I neatly cut out a piece, D, which forms a flap, attached to the binding of the leaves of the book, and entirely free from said covers.

These flaps fit snugly in the recesses *a a*, formed by the displacement, and are to be secured to the covers by screws or other removable fastenings E.

In the present case, I employ short screw-studs, which pass through the covers and into tubular sockets, having flanged heads, which bear on the outer sides of the flaps, while the heads of the screws bear on the outer sides of the covers, so that the two parts are firmly, yet removably secured together.

I design to form the books, covers, studs, and sockets, and the opening to receive them, of standard gauges, whereby one cover may be applied to other books.

This will be found necessary or desirable when the latter are full of written matter, or entirely used up, and it is desirable to file or store them away.

Thus the cover may be of continual service, until entirely worn out.

If desired, the flap may be cut from the outside of the covers, but this plan is not so feasible as that already mentioned, since the parts or backs which conceal the stitches of the books would have to remain with the leaves, and thereby cause the books to be more expensive, and quite as heavy as those now in use.

The simplicity, practicability, and utility are readily apparent.

Having thus described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

The flaps D, fitting into the recesses *a*, in the backs of the book, and retained therein by the removable fastenings E, substantially as and for the purpose described.

To the above I have signed my name, this 3d day of May, 1869.

DAVID SHIVE.

Witnesses:

JNO. BALL,

BARTON CASTOR.