

H. M. Shute's.

Book Binding PATENTED
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74014

Fig. B.

Fig. A.

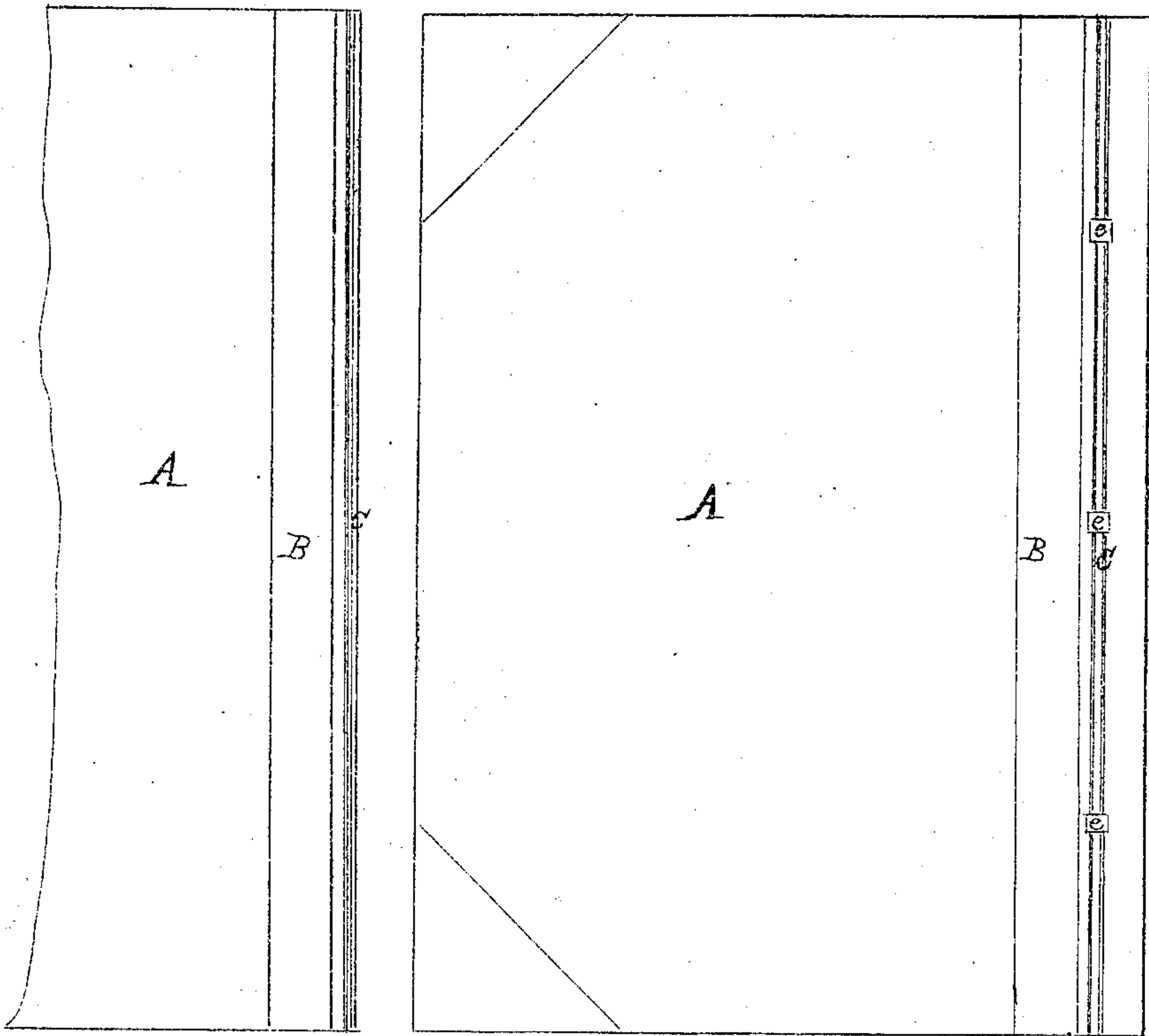
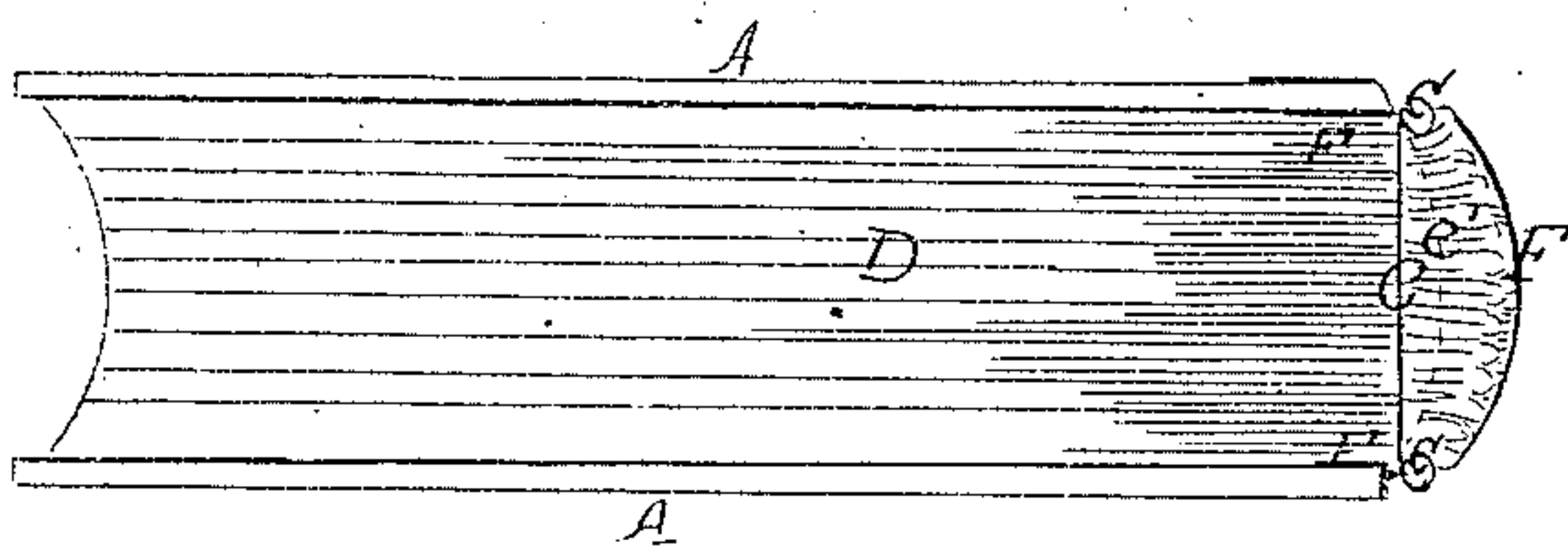


Fig. 2.



witnesses.

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HENRY M. SHUTE, OF WAUKEGAN, ILLINOIS, ASSIGNOR TO GEORGE W. EMERSON.

Letters Patent No. 74,014, dated February 4, 1868.

IMPROVEMENT IN BOOK-BINDING.

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, HENRY M. SHUTE, of Waukegan, in the county of Lake, in the State of Illinois, have made new and useful Improvements in Book-Binding; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and the letters of reference marked thereon.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

Figure 1 is a plan view of the book.

Figure 2 is a transverse section.

Figure 3 is a broken section of the lid of the case.

As will be at once seen from the drawings, the book is put up in the style of stitching, with the lids of the case outside of the back. I do not mean to confine myself to this style of binding. On the whole, I consider the style of sewing, and the back in either style, made fast to the lids of the case in the usual manner, to be the best in practice. As here shown, the wire C, figs. 1, 2, and 3, is encased in the cloth or other suitable material, B, figs. 1 and 2, which is firmly fastened to the lid of the case A, figs. 1, 2, and 3, with glue or otherwise, holding the wire C firmly to place, about one-eighth of an inch from the edge of the board, and extending the length of the book. The back of the case F, fig. 2, is made separate from the lids A, and wide enough to lap over on to the sides of the book, as shown at F, fig. 2.

To bind the book, I put it up on the flattened wires *e*, figs. 1 and 2, in the style desired, the wires being long enough, when the book is not sewed, to bend down over the back of the book, to hold it together while being trimmed and jointed. The flattened wires *e* are straight when the book is put upon them, as indicated by the same at *e*, fig. 2, and are of material that will give freely, and conform to the shape of the back of the book when rounded, as represented by the dotted line *e'*, fig. 2.

When the back of the case is made separate from the lids, it is placed on the flattened wires *e*. Then the lids A, figs. 1, 2, and 3, are placed on the wires, which pass through the material, B, between the board and the wire C, and close against the latter. Then the flattened wires *e* are clinched down over or otherwise firmly fastened on to the wire C, on either side of the book. When the back of the case is made with the case, in the usual manner of binding, I first encase the wire C in any suitable material, as heretofore described. When the case is completed, access is had to the wire C from the inside of the case. The flattened wires *e* are passed under the wire C, and up through the material, B, which are fastened to the wire C in the manner heretofore described; and when the book is completed, neither the wires C and *e*, nor the material, B, are seen, the lining covering them.

Having thus described the construction and operation, what I claim as my invention, and desire to secure by Letters Patent, is—

The wire C, figs. 1, 2, and 3, in combination with the flattened wires *e*, figs. 1 and 2, one or more, or their equivalent, substantially and for the purpose set forth.

Witnesses:

F. A. SMITH,
M. W. ROBINSON.

HENRY M. SHUTE.