(No Model.)

A. J. MEGEE.

BOOK BINDING.

No. 256,022. Patented Apr. 4, 1882.

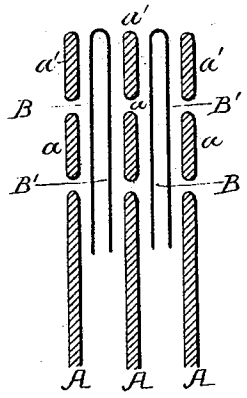
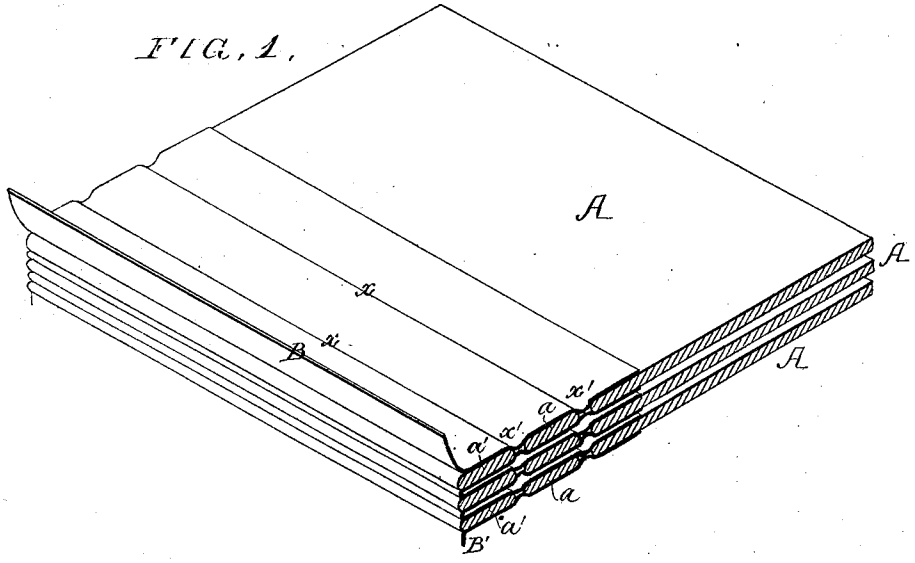


FIG. 2.

FIG. 1.



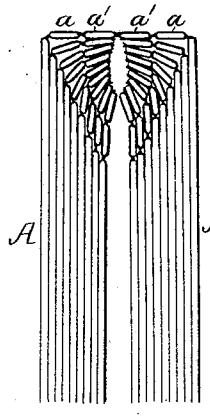


FIG. 3.

WITNESSES

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UNITED STATES PATENT OFFICE.

ANDREW J. MEGEE, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR OF ONE-HALF TO FRANCIS H. MILLER, OF SAME PLACE.

BOOK-BINDING.

SPECIFICATION forming part of Letters Patent No. 256,022, dated April 4, 1882.

Application filed December 5, 1881. (No model.)

To all whom it may concern:

Be it known that I, ANDREW J. MEGEE, a citizen of the United States, residing in Philadelphia, Pennsylvania, have invented certain Improvements in Book-Binding, of which the following is a specification.

My invention relates to the construction of photograph-albums, sample-books, and other books; and the object of my invention is to so construct books of this class that they will be more durable than when made in the usual way, and so that when opened the leaves will lie perfectly flat.

In the accompanying drawings, Figure 1 is a perspective view of three united leaves of a book made according to my invention; Fig. 2, a sectional view of the leaves as they appear before they are united; and Fig. 3 an end view, showing a number of leaves as they appear when the book has been turned back to back.

Each leaf, as shown in Figs. 1 and 2, consists of a sheet, A, two narrow strips or ribs, *a a'*, and two strips, B B'. The sheet A is of card or paste board or thick paper, and the ribs *a a'*, or, as they are technically termed, "guards," may be of similar material, the strips B B' being of cloth or leather. The strip B overlaps one side of the sheet A to the extent shown in Figs. 1 and 2, and is pasted to the said sheet as well as to the ribs, and the strip B' is pasted to the opposite side of the sheet A and to the ribs.

Before the pasting of the strips B B' the rib *a* is arranged at a short distance from the edge of the sheet A and the edge of the rib *a'* a short distance from the edge of the rib *a*, and immediately after the pasting of the strips a depression is made by a suitable instrument on the lines *x x* in the strips B B', on both sides of the leaf, so that the latter will have two hinges, *x' x'*.

In order to unite the leaves, each of the strips B B' is made of such a length that after being secured to the sheet A and ribs *a a'* of one leaf it can be folded and glued or otherwise cemented to the sheet A and ribs *a a'* of the adjoining leaf.

It has not been deemed necessary to show the back or sides of the book, as they may be the same as those of ordinary books, the back being glued to the leaves and the sides to the back in the usual manner.

In making scrap-books, &c., according to my invention, guards or spacing-strips may be arranged between the leaves for the same purpose as in scrap-books as now made. The double hinges of the leaves prevent them from turning up when the book is opened, the leaves not only remaining flat, but the double hinges permitting the book to be turned inside out, as shown in Fig. 3, without straining the connections between the leaves and the back of the book. Hence an album or other book made according to my invention is much more durable than one made in the ordinary way.

In some cases each leaf of the book may have more than two ribs or guards, *a a'*, and more than two hinges; but the latter number is preferred, as it gives all necessary flexibility to the leaves without impairing the appearance of the book.

I claim as my invention—

1. An album or like book composed of leaves having two hinges, *x'*, between the back of the book and the main sheet A of the leaf, as set forth.

2. A leaf for albums or like books, said leaf having two ribs or guards, *a a'*, with flexible connections *x'*, as set forth.

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

ANDREW J. MEGEE.

Witnesses:

HARRY SMITH,

HENRY HOWSON, Jr.