

(No Model.)

W. MACDONALD.
HEADING FOR BOOK BINDING.

No. 313,875.

Patented Mar. 17, 1885.

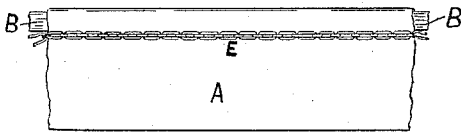


Fig. 1.

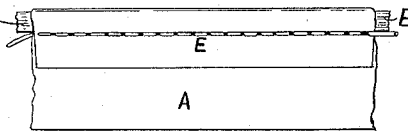


Fig. 2.

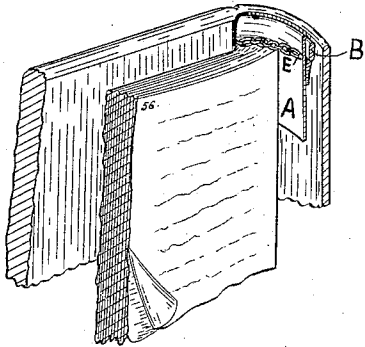


Fig. 3.

Witnesses:

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UNITED STATES PATENT OFFICE.

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HEADING FOR BOOK-BINDING.

SPECIFICATION forming part of Letters Patent No. 313,875, dated March 17, 1885.

Application filed April 24, 1884. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM MACDONALD, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Headings for Book-Binding, of which the following is a specification.

The object of my invention is to provide a cheap, simple, durable, and efficient "heading" for supporting the projecting edges or ends of the backs of the covers of books, so as to prevent such edges or ends of the back portions of the covers as project beyond the ends of the book-leaves when the binding of the book is completed from bending, curling, or becoming forced inwardly from use, so as to mar the same in appearance or impair its durability.

Figure 1 represents an elevation of a heading constructed according to my invention, showing the face side of the same. Fig. 2 represents a similar view of the same, showing the reverse side thereof. Fig. 3 represents the heading in its position when applied to the back portion of the binding of a book.

A represents the outer or main body portion of the heading, being constructed of any suitable fabric woven of cotton, silk, linen, or other material in any desired color or colors, either striped, plain, or checked to suit the taste or fancy of different manufacturers or bookbinders; but I prefer a fine woven fabric of narrow stripes extending across the heading, when completed. The desired fabric being selected, it is formed into narrow strips of about an inch in width, more or less, as desired. Then one edge of the same is turned over upon a strip of paper, B, and then stitched through the same a short distance from the folded edge by means of a sewing-machine carrying two threads, leaving one of the threads formed into loops E and projecting from the surface of the heading, as shown in Figs. 1 and

3, in which it will be understood that the said projecting chain-stitches E form a raised rib or fine bead, which, when the heading is in position, as shown in Fig. 3, is adapted to cover the joint formed between the covering of the back of the book and the edges of the leaves adjacent thereto, and that the said enclosed narrow strip of paper stiffening B will serve to retain the projecting edge of the back of the binding in true position or symmetrical against the ordinary causes tending to displace the said edge of the back or bend it inwardly, as heretofore, wherein a less rigid heading is used for the purpose.

In forming my improved heading, the strip of paper B may be formed of the desired width of the fold or hem beyond the said course of chain-stitches E; or it may preferably be left considerably wider, and stitched through the same the proper distance from the edge, and then the remaining portion outside of the line of stitches torn away, it being easily severed at the line of stitches through the perforations formed by the needle in sewing through the same to form the heading shown.

It will be evident that the above-described heading is adapted to be secured in position or in place in binding a book by means of glue or paste, as heretofore employed, or in any other suitable manner desired.

Having thus described my invention, what I claim is—

As an improved article of manufacture, the heading for book-binding, consisting of the fabric A, having the stiffening-strip B inserted within the fold or hem, and the row of elevated stitches E, substantially as described, as and for the purposes set forth.

WILLIAM MACDONALD.

Witnesses:

SYLVENUS WALKER,
CHAS. S. GOODING.