

(No Model.)

W. WOLLMAN.
BOOK COVER.

No. 539,372.

Patented May 14, 1895.

Fig: 1.

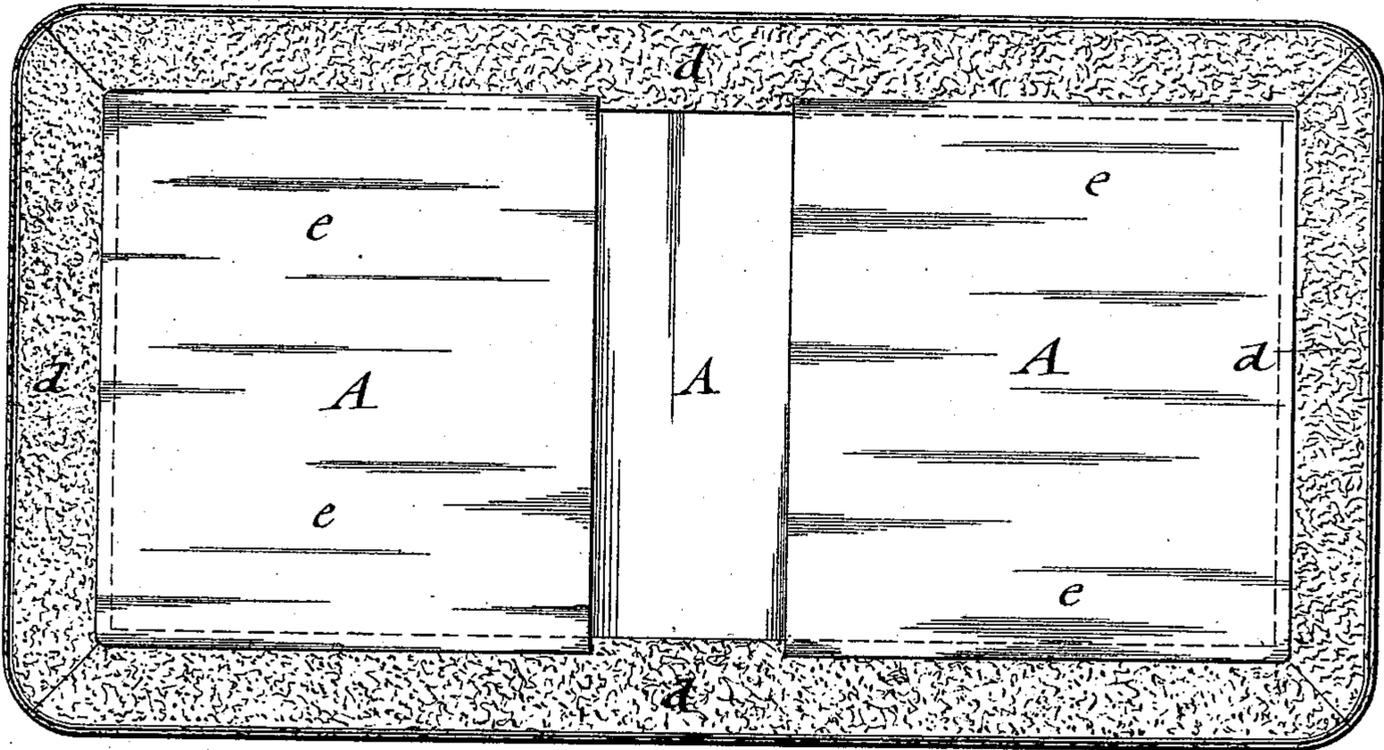


Fig: 2.

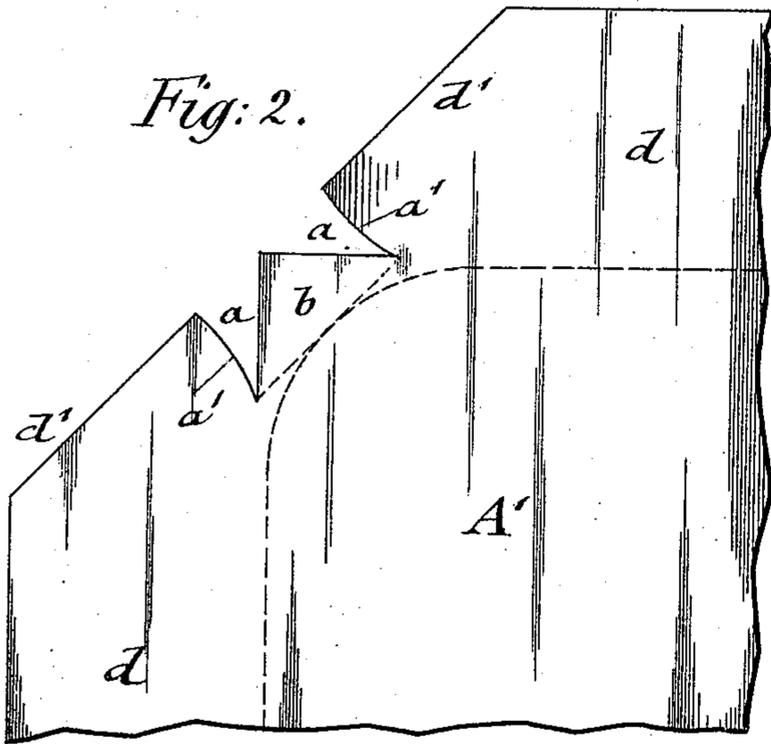


Fig: 3.

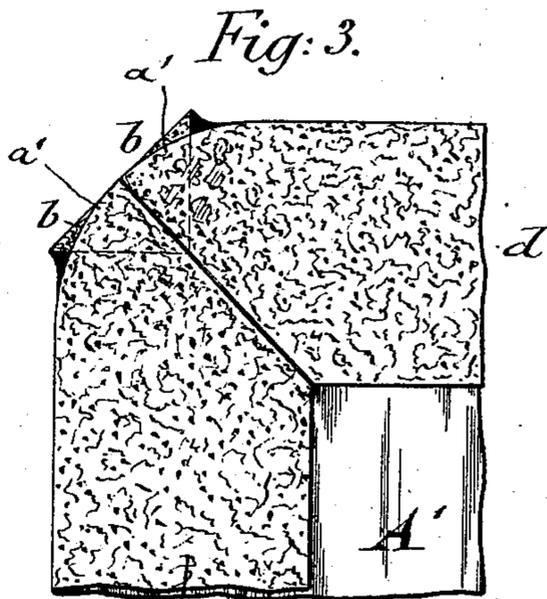


Fig: 4

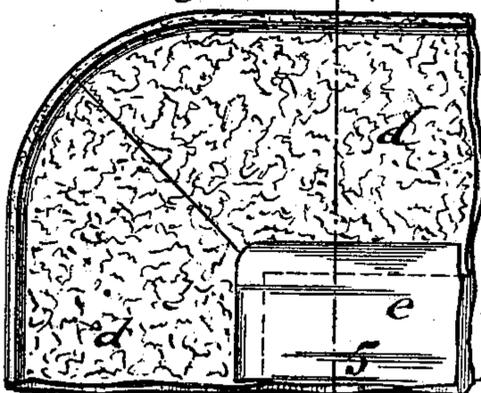


Fig: 5.

WITNESSES:
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UNITED STATES PATENT OFFICE.

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BOOK-COVER.

SPECIFICATION forming part of Letters Patent No. 539,372, dated May 14, 1895.

Application filed March 16, 1895. Serial No. 542,028. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM WOLLMAN, a subject of the German Emperor, residing in the city, county, and State of New York, have
5 invented certain new and useful Improvements in Book-Covers, of which the following is a specification.

This invention has reference to certain improvements in flexible covers for Bibles, prayer and other books, in which the rounded edge of the cover is produced in a simple and effective manner so that crimping or overlapping of the leather at the corners is avoided and a cover with smooth and durable corners
15 obtained.

The invention consists of a flexible cover for Bibles and other books the main-body of which is provided with inwardly-bent sides, cut off at the corners, underlapping triangular
20 pieces at the corners, and tapering recesses one at each side of said triangular pieces, the edges of the inwardly-bent sides abutting against each other, as will be fully described hereinafter and finally pointed out in the
25 claims.

In the accompanying drawings, Figure 1 represents an inside view of a book-cover made according to my improved method. Fig. 2 is a detail view of one of the corners of the blank
30 from which the cover is made. Fig. 3 shows the parts of the corners bent over the form preparatory to pasting them. Fig. 4 is a detail view of one of the corners of the cover, shown completely finished; and Fig. 5 is a vertical transverse section on line 5 5, Fig. 4.

Similar letters of reference indicate corresponding parts.

Referring to the drawings, A represents a cover for Bibles, prayer and other books, which
40 cover is made of leather or other suitable material having the required degree of flexibility. The blank A' from which the cover A is made, is cut off at the corners at an angle of forty-five degrees, as at d' and provided with two
45 inwardly-extending recesses a at the corners, so that the portions between the recesses form triangular corner-pieces b , as shown in Fig. 2. The edges of the triangular corner-pieces b are straight, but the adjacent edges a' of the
50 sides d are arc-shaped, the radius of the arc being equal to the cut-off edge d' of the side

d , as shown in Figs. 2 and 3. The sides d of the body of the blank A' are bent inwardly and are like the corner-pieces b skived or pared off so as to reduce the thickness of these parts
55 at the points where the corner-pieces underlap the sides. The blank A' is shaped on a sheet-metal form having rounded-off corners, said blanks corresponding to the size of the corners to be produced. 60

In making the cover, the triangular corner-pieces b are first bent inwardly, as shown in Fig. 3, and then drawn over the rounded-off corners of the form. After the form is removed, the inwardly-bent corner-pieces b and
65 sides d are pasted to the body A and worked down on the same so that the cover is formed with perfectly smooth and rounded off corners, as shown in Figs. 1 and 4. The straight edges of the inwardly-bent sides d abut diagonally against each other, while their arc-shaped edges a' coincide with the rounded-off
70 edges of the corner-pieces b ; whereby a perfectly smooth and flexible corner is obtained. A lining e of thin smooth leather is then pasted
75 over the inner edges of the sides and creased in a suitable manner so as to impart the required finish to the same.

The rounded-off corners of my improved flexible cover dispense with the unsightly
80 crimping at the corners and with the overlapping of the corner-pieces over the inwardly-bent sides so that a perfectly smooth and finished appearance is imparted to said corners. As the corners are cut and shaped on the form,
85 it can be manufactured in a quick and cheap manner without requiring specially skilled hands, so that the work can be done at a considerable saving in time and labor.

Having thus described my invention, I
90 claim as new and desire to secure by Letters Patent—

1. A flexible cover for Bibles and other books, composed of a main-body, having rounded-off corners formed of underlapping
95 triangular corner-pieces, and inwardly-bent sides having diagonally-abutting edges, substantially as set forth.

2. A flexible cover for Bibles and other books, composed of a main-body having inwardly-bent sides with overlapping and diagonally-abutting edges and rounded-off cor-
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ners formed of underlapping triangular corner-pieces, the outer edges of the sides being arc-shaped and coinciding with the rounded-off edges of the corner-pieces, and a lining extending over the inner edges of the sides, substantially as set forth.

3. A blank for flexible book-covers, composed of a main-body having sides cut off at the corners and triangular corner-pieces, formed by inwardly-extending tapering recesses, substantially as set forth.

4. A blank for flexible book-covers, composed of a body having sides cut off at the cor-

ners, triangular corner-pieces formed by inwardly-extending and tapering recesses, the adjacent edges of said recesses being straight and the outer edges arc-shaped, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

WILLIAM WOLLMAN.

Witnesses:

PAUL GOEPEL,
S. E. SMITH.