J. McKIBBIN.

METHOD OF MAKING FLEXIBLE BOOK COVERS.

APPLICATION FILED MAR. 16, 1909.

921,873. **Patented May 18, 1909.**

Fig. 1.

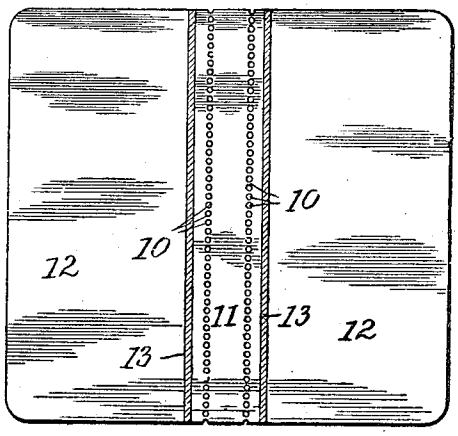


Fig. 2.

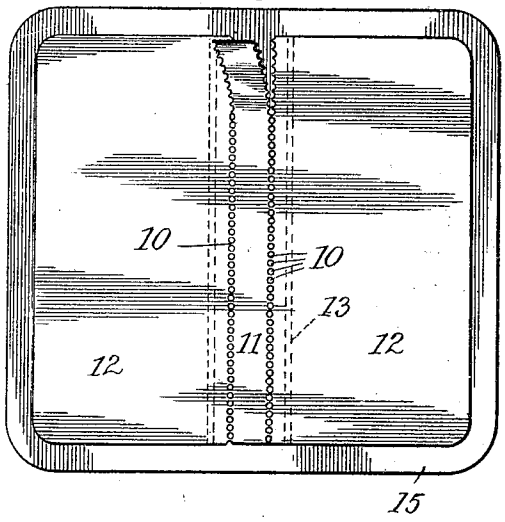
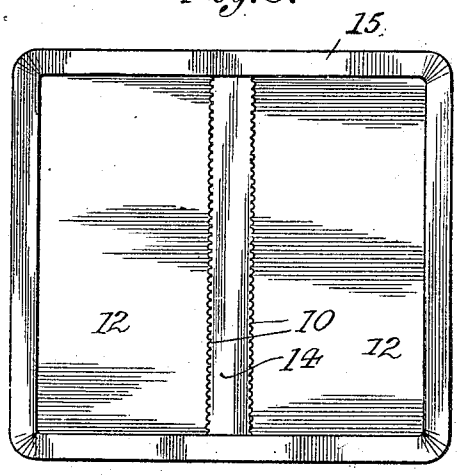


Fig. 3.



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UNITED STATES PATENT OFFICE.

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METHOD OF MAKING FLEXIBLE BOOK-COVERS.

No. 921,873. Specification of Letters Patent. Patented May 18, 1909.

Application filed March 16, 1909. Serial No. 483,817.

To all whom it may concern:

Be it known that I, JOHN McKIBBIN, a citizen of the United States, residing at New York city, Brooklyn, county of Kings, State of New York, have invented new and useful Improvements in Methods of Making Flexible Book-Covers, of which the following is a specification.

This invention relates to an improved method of making flexible book covers and more particularly to improved means for attaching the middling to the facing or cover proper in a simple and accurate manner.

In the accompanying drawing: Figure 1 is a rear view of a duplex middling prepared according to my invention; Fig. 2 a face view of the duplex middling after being superposed on the facing or cover proper, and Fig. 3 a similar view of the cover complete.

The complete book cover is composed of a flexible facing or cover proper provided on its right and left side with a stiffening piece of card board or "middling", while the back of the cover remains free so as to retain its flexibility. As heretofore practiced, two detached pieces of middling were separately secured to the right and left side of the cover, which were centered by hand. This manual centering was a difficult operation and required great exactness, as otherwise the top and bottom edges of the two middlings were apt not to register, while their right and left edges were thrown out of parallelism. Thus, time was consumed, skilled labor required, and untrue products liable to be turned out. By my invention all these difficulties are overcome, and a true alinement of both middling-halves is automatically obtained.

In carrying out my invention I cut from a piece of cardboard, a duplex middling of such a size as to cover exactly the two separate and applied middling-halves of the completed cover. That is to say, the length of the duplex middling is equal to the length of each of the two middling-halves, while the width of the duplex middling is equal to the combined widths of the two middling-halves, plus the width of the flexible cover-back. This duplex middling, which may have either round or square corners, is illustrated in Fig. 1. It is provided along its center with two perforated or weakened lines 10 extending from its upper to its lower edge, and so spaced that the strip 11 formed between such lines is equal in width to the width of the flexible book-back, while the right and left sections 12, flanking such lines, constitute the two middling-halves proper. These two sections are provided on their back with a paste or other adhesive, which, with "loose" covers, is applied in the form of a strip 13 parallel to weakened lines 10, while, with "tight" covers, the adhesive is spread over the entire back of each of sections 12. After the duplex middling has been prepared in the manner described, it is centered upon the facing or cover proper 14 consisting of leather, leatherette, cloth or other suitable material. This cover is of such a size that a rim or flange 15 is formed by it all around the duplex middling. A pressure on the latter will cause its two sections 12 to adhere to the facing, and then the center strip 11 is ripped out, (Fig. 2), to leave the back of the facing uncovered. Finally, flange 15 is turned over the outer edges of the two, now separated, sections 12 to complete the cover, (Fig. 3).

In binding the book, the front and rear fly-leaves are pasted over the inner sides of the cover, so that the middling will become concealed.

It will be seen that with my improved method the attachment of the middling to the cover is greatly facilitated, and that the exact parallelism of the two middling-sections is automatically effected in a simple manner and without requiring skilled labor.

I claim:

1. Method of making a flexible book cover which consists in superposing a duplex middling upon a facing, and removing a central strip from said middling.

2. Method of making a flexible book cover which consists in providing a duplex middling with a pair of parallel weakened lines to form an intervening strip, superposing said middling upon a facing, and ripping out said strip.

3. Method of making a flexible book cover which consists in providing a duplex middling with a pair of weakened lines to form an intervening strip and a pair of flanking sections, applying an adhesive to said sections beyond the weakened lines, superposing the middling upon a facing having a surrounding flange, ripping out the strip, and turning the flange over the outer edges of the middling.

Signed by me at New York city (Manhattan,) N. Y., this 15th day of March, 1909.

JOHN McKIBBIN.

Witnesses:

EDWARD SCHORR,

FRANK V. BRIESEN.