

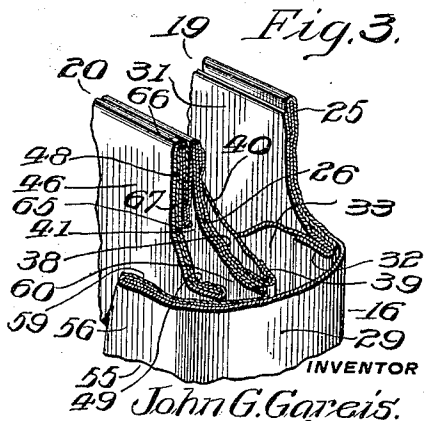
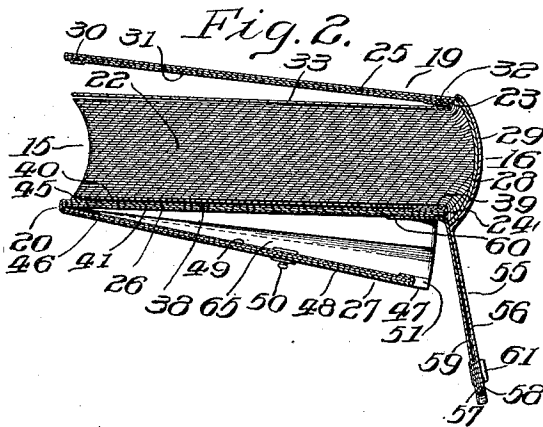
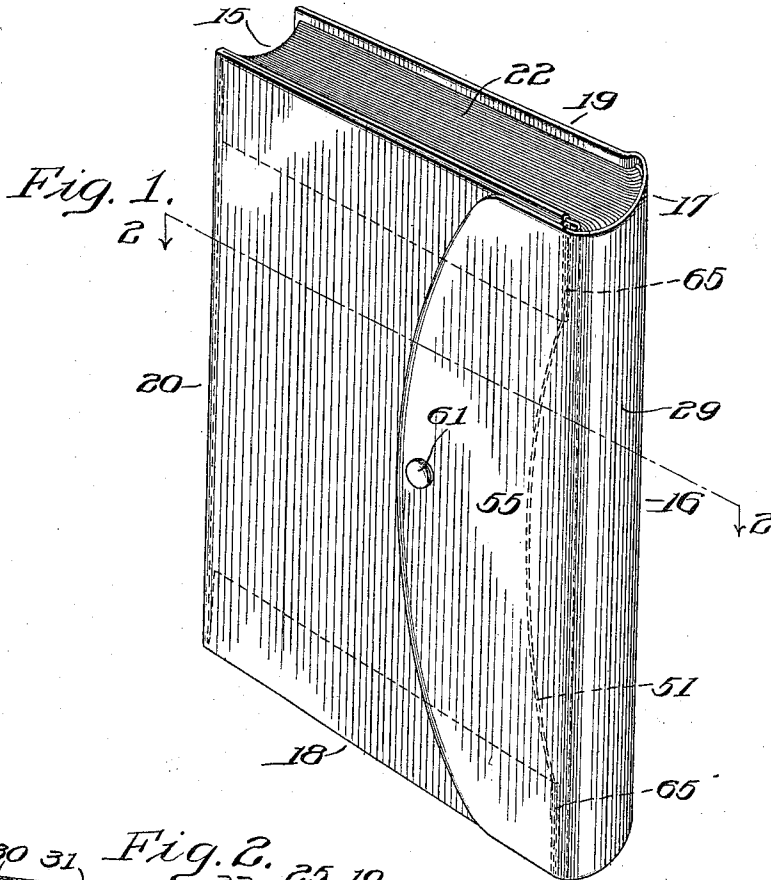
J. G. GAREIS.
BOOKBINDING.

APPLICATION FILED FEB. 23, 1911.

1,023,466.

Patented Apr. 16, 1912.

3 SHEETS—SHEET 1.



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3 SHEETS-SHEET 2.

Fig. 4.

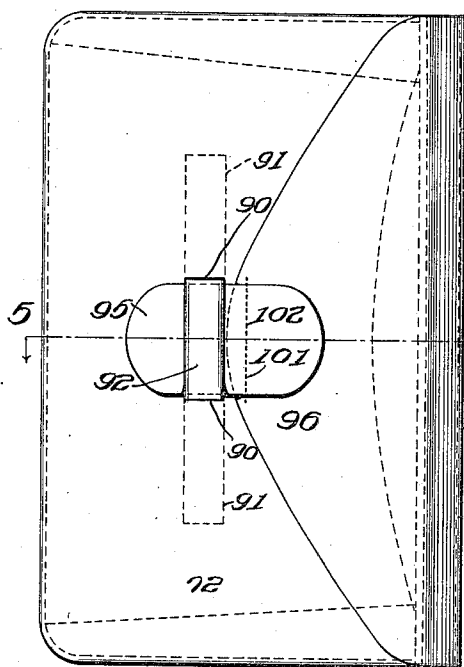


Fig. 6.

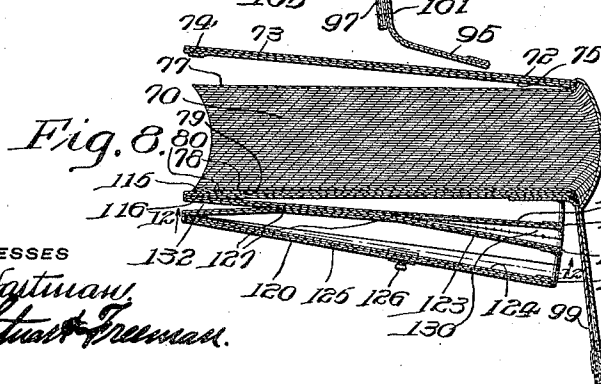
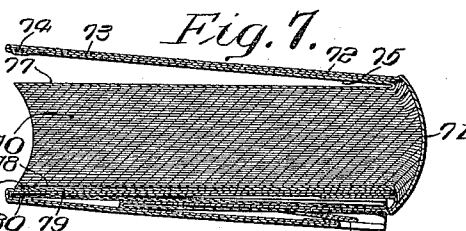
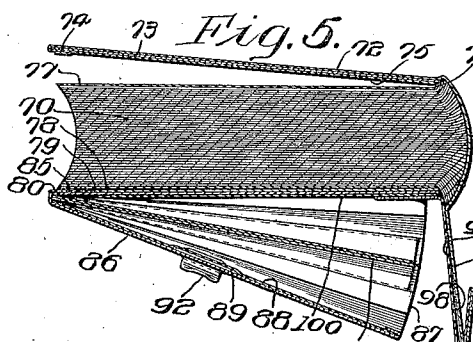
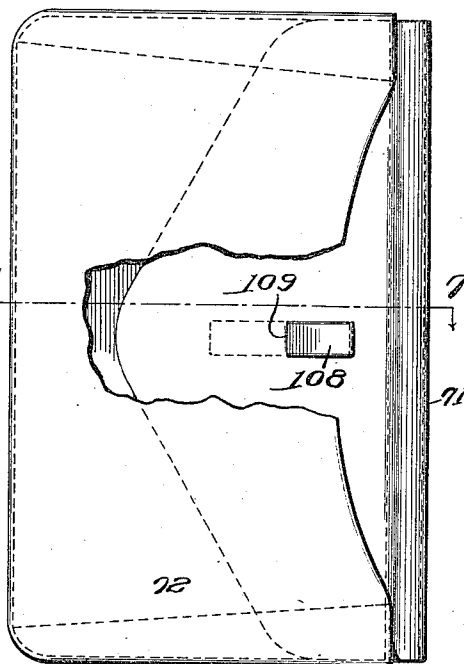
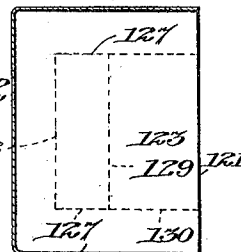


Fig. 12.



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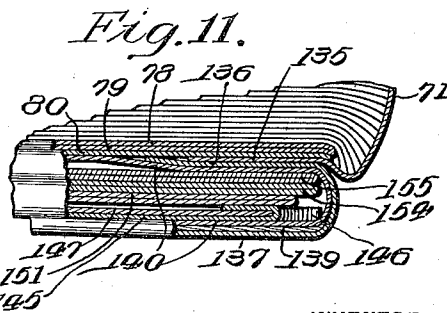
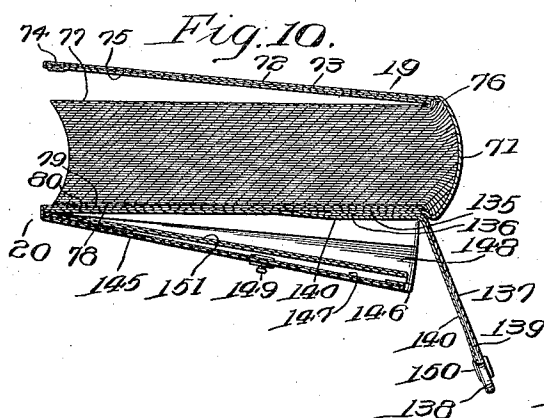
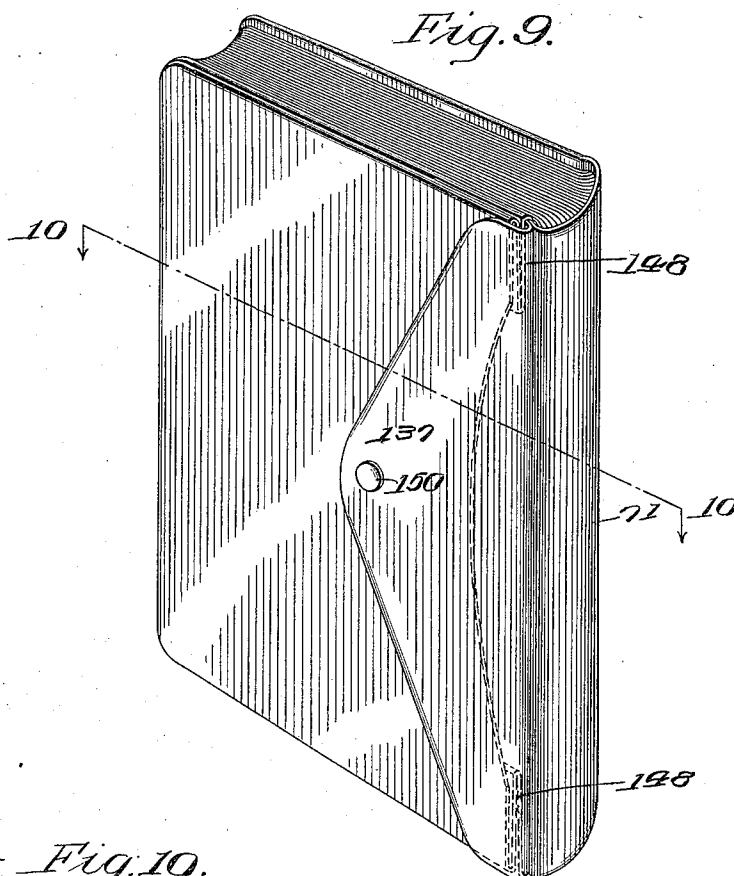
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1,023,466.

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3 SHEETS—SHEET 3.



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BOOKBINDING.

1,023,466.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JOHN G. GAREIS, a citizen of the United States, and a resident of the city of Philadelphia, State of Pennsylvania, have invented certain new and useful Improvements in Bookbindings, of which the following is a full, clear, and complete disclosure, reference being had to the accompanying drawings, forming a part of this specification.

This invention relates to book bindings and more particularly to that class in which a portion of the binding serves to form a pocket and another portion, the flap therefor.

One object of the invention is the construction of a pocket on one side of a book and providing a flap or closure therefor by bringing the binding material from the opposite side, around the back and projecting the free end thereof well over the open end of the pocket portion.

Another important object of the invention is the rolling of the bound signature ends, when forming, so that they will project to form a greater flange at one side, which will in turn offer a recess in which the various layers of material forming the pocket and flap can lie, thereby insuring a symmetrical book with the pocket taking the place of some of the leaves thereof.

Further objects are to provide a simple, inexpensive book of the character herein described and of such design and appearance as to make it serviceable as a prayer book, diary, text book, or the like, embodying a receptacle for coins, bills, memoranda, etc.; and to provide other improvements over the present art such as will appear in the following specification.

In the drawings, Figure 1 is a perspective view of the preferred form of the device; Fig. 2 is a section taken on the line 2—2 of Fig. 1 looking in the direction of the arrows and shows the pocket in open or expanded position; Fig. 3 is a fragmentary sectional view of the upper rear corner of the book shown in Fig. 1, with the leaves omitted; Fig. 4 is a side elevation of a modified form of the device; Fig. 5 is a section on the line 5—5 of Fig. 4 looking in the direction of the arrows and showing the pockets thereof in open position; Fig. 6 is a further modified form; Fig. 7 is a section on the line 7—7 of Fig. 6 looking in the direction of the arrows; Fig. 8 is a sectional

view of a still further modification showing a different arrangement of a plurality of pockets inclosed by one flap; Fig. 9 is a perspective view of a modified form in which the pocket flap is formed from a piece of material other than that projecting from the back portion of the book; Fig. 10 is a section taken on the line 10—10 of Fig. 9 looking in the direction of the arrows; Fig. 11 is a fragmentary plan view of the upper rear portion of the pocket, flap and binding construction of the device as shown in Figs. 9 and 10; and Fig. 12 is a section taken on the line 12—12 of Fig. 8 in the direction of the arrows.

In the drawings the parts of the books common to all will for convenience be designated as front 15, back 16, top 17, bottom 18, and sides 19 and 20 respectively.

The preferred form of the device as shown in Figs. 1, 2 and 3 comprises a body portion 22 of signatures rounded at the back 16 and pressed outwardly in order to form a slight flange 23 adjacent the side 19 and a larger flange 24 adjacent the side 20. The former flange forms a recess in which the board 25 lies while the latter provides a much deeper recess in which the board 26 and collapsible pocket 27 are situated and shielded.

At the back of the book, protecting the bound signature ends, is the head band 28, and outside of this is secured the binding material 29 which extends around the flange 23 and is secured to the outer side of the board 25, extending therealong to and around the front edge thereof and terminating in a narrow strip 30 on the inner side thereof. The lining 31 is secured to the inner side of the board 25, at the forward edge, covers and protects the overlapping edge 30 of the binding material and at the rear covers one edge of a strip 32 to which is secured the fly-leaf 33. At the opposite or pocket side 20 of the book, the lining 38 of the board 26 at the rear thereof, secures one edge portion of the strip 39 while the other edge portion of said strip is secured to the fly-leaf 40 of the book in a similar manner and for a like purpose as that at the rear of the opposite side. The board 26 is covered on its outer side with a piece of material 41 which also serves as a lining for one side of the pocket 27.

Secured between the board 26 and the outer edge of the lining 38 thereof, is an

edge portion 45 of the pocket section 46 of the binding material. This section extends from its point of attachment around the free edge of the board 26 and rearwardly, to a point 47, where it is turned inwardly and protects the edge of a sheet of stiffening material 48 and a lining 49 therefor. The section 46, sheet 48 and lining 49 are secured together throughout their common extent, the last two terminating abreast of the edge of the board 26 when the section 46 is in its closed position, and all three members being pierced by a male member 50 of a glove fastener, and at the rear being cut to form a convenient crescent-shape 51.

The flap 55 of the pocket is formed of the projection 56 of the binding material 29 and at its outer extremity 57 is turned in a reverse direction to include a strip of stiffening material 58. A section of material 59 serves as a lining for the flap 55, and extends from the edge 57 of the flap portion 56 of the binding material, which it also covers toward the board 26 where it is secured to the pocket lining 41 and terminates at 60. Through the free end portion of the flap the female member 61 of a glove fastener is secured and arranged to register with the cooperating member 50 on the side 46 of the pocket.

The upper and lower ends of the pocket are inclosed at the top and bottom by plaited sections 65, one longitudinal edge of each of which is secured to the under side of that portion 66 of the binding material 46 which projects beyond the edge of the stiffening 48 and is turned inwardly on the opposite side thereof, terminating at 67. The other longitudinal edge of the section 65 passes around the edge of the pocket lining 41 and the board 26 and is secured between the board and the lining 38 thereof on the opposite side.

Thus, from the foregoing description, it is seen that a book is provided with longitudinal flanges on the rear edges thereof, in front of which unitary stiffening boards are hingedly secured, one of the flanges being of greater width than the other and in front of the greater flange, there being an expandible pocket secured by the cover, with a flap comprising that portion of the cover material projecting freely from behind the back of the book.

In the modified form shown in Figs. 4 and 5 the bound edges of the signatures 70 are rounded in a manner similar to that of the preferred form and to them is secured the binding material 71, which projects at one side to form the cover 72 for the board 73. At the front of the board 73 the cover 72 is folded inwardly around the edge thereof, terminated at 74 and secured beneath the forward edge of the lining 75, which lining extends rearwardly, and at the rear-

most portion 76 thereof is folded outwardly to form the fly-leaf 77 of the book. At the opposite side of the book the fly-leaf 78 and the lining 79 for the board 80 are formed and secured as above described. One end 85 of a piece of material 86 is secured between the forward end portions of the board and lining and projects outwardly therefrom, around the forward edge of the board and thence extends rearwardly to form a pocket inclosed at the ends by sections 87 of plaited material secured to the sides in a manner similar to that described in the preferred form. The outer side portion 86 of the pocket is lined with a section 88 of the same material, protected at the rearward edge by the inturning of the portion 86 and terminating at the innermost extremity of the pocket. Substantially midway along the free side of the pocket, a piece of stiffening material 89 is secured between the section 86 and lining 88 and through slits 90 in the two outer of the three unitary thicknesses are extended and secured the ends 91 of a strap 92 made of two strips of material secured together and serving as a guard for the tongue 95 on the flap 96. The flap 96 comprises the free end of the binding material 71 and is folded inwardly at its end 97 to include a piece of light stiffening material 98. On the under side of the flap is a section of lining 99 which covers the end 97 of the flap 96 and at its inner end is secured to the lining 100 of the pocket which in turn extends to the innermost part thereof. The tongue 95 comprises two strips of flexible material secured together, and midway its ends it is secured to the flap in the manner shown by a row of stitching 101, which separates the tongue designed to engage the guard strap 92 and the thumb tongue 102, by which it is released therefrom. To divide the large pocket into smaller compartments, one or more partitions 105 are used, comprising a piece of flexible material folded to a double thickness. At each end of the partition the adjacent portions are separated by slitting on the line of folding and the two separated portions are spread apart and secured to the opposed faces of a hollow in the creased end sections 87 or to the oppositely directed faces of a ridge thereof.

The modification shown in Figs. 6 and 7 is of substantially the same construction as that shown in Figs. 4 and 5 except for the flap and will therefore not be described in detail. In this case the flap is inserted into the outer compartment of the pocket, the partition of which is situated nearer to the outside wall of the pocket than to the board forming the inner wall. To pull the flap out of the pocket there is provided a loop 108 of suitable flexible material which passes from the outside of the flap, through a slit 109 in the face thereof and terminates and is

secured between the main flap portion 96 and the lining 99 thereof.

In the modification shown in Fig. 8 the same general binding construction is employed as that described in detail in Figs. 4 and 5, with the exception that the glove fastener used in the preferred form is embodied therein, while the arrangement of the plurality of compartments within the pocket is different. In the series of pockets in this form of the invention, that adjacent the book proper is formed by securing the end 115 of a section of material 116 between the outer edges of the board 80 and the lining 79 thereof, extending the material outwardly therefrom, around the edge of the board and rearwardly therefrom to a point 117 where it is turned inwardly to embrace the rearward edge portion of a lining 118 therefor, which extends from the point 117 forwardly to the innermost extremity of the compartment. This compartment taken as a single pocket may be secured at its upper and lower extremities to the board 80 in a manner similar to that described as part of the preferred form, namely, by a collapsible plaited section, or directly to the board. Secured to the section of material 116 is a second compartment of the same size as the first and made of a section of suitable material 120 folded in a U-shape and turned inwardly at its outermost edges 121 and 122 to secure sections of lining 123 and 124, respectively to the opposed sides thereof. Also secured between the outer side of the section of material 120 and the lining 124 thereof is a piece of light stiffening board 125, and extending through all three of these adjacent members is the male member 126 of a glove fastener.

The pocket last described is secured as shown in Fig. 12 to the pocket adjacent to the board 80 by two parallel rows of stitching 127, a row 128 connecting the inner ends of the first-named rows, and a row 129 parallel to the second-named row and extending between the first-named rows. The four rows of stitches extend through the respective thicknesses of material comprising the pockets, but are protected on the inner sides by the respective linings thereof. These rows of stitches are arranged approximately in the center of the adjacent members as shown and form a compartment 130 between the first and second pockets, and limited by the rows of stitching 127 and 129. An elongated recess 132 is formed in front, above and below the compartment 130, since the rows of stitches mentioned do not extend to the respective forward, upper and lower extremities of the cover. A flap in this form is constructed as shown and described relative to Fig. 5, it comprising the free end 96 of the binding material 71 extending from around the back portion of the book. How-

ever, instead of the tongue shown in Fig. 5, there is secured through the flap 96, section of stiffening material 98, inturned end 97 of the flap 96, and lining 99, the female member 133 of the glove fastener adapted to cooperate with the male member 126 secured to the outer wall of the pocket portion as above described.

The last modification illustrated, that shown in Figs. 9, 10 and 11, comprises the signatures bound at the back with the binding 71, which extends toward the side 19 and around the board 73 in a manner similar to that described in the form shown in Fig. 5. The lining 75 and fly-leaf 77 are of the same piece, bent at 76 and at the outer portion of the board 73 covering and protecting the inturned edge 74 of the binding 72. At the opposite side 20 of the book the lining 79 for the board 80 and the fly-leaf 78 are formed in a similar manner to that just described. In this form of the device the binding 71 projecting at 135 from the rounded back portion is secured to the rear outside portion of the board 80. Secured over the end portion 135 is a piece of material 136 which extends forward slightly farther and projects rearwardly from contact with the binding to form a flap 137 turned inwardly at its end 138 to inclose the outer edge of a piece of light stiffening board 139. A lining 140 is provided for the flap, and this lining extends inwardly toward and is secured to the inner portion 136 of the flap 137, and from thence it extends adjacent and is secured to the board 80 as far as the forward limit thereof where it terminates. The pocket in this case is formed by a section of material 145 secured between the board 80 and the lining 79 thereof, extending outwardly around the edge of the board and rearwardly therefrom to a point 146 where it is turned inwardly to envelop and protect the rearward edge of a section of lining 147 which in turn extends forwardly to the innermost extremity of the pocket. The upper and lower extremities of the pocket are inclosed by means of collapsible sections of plaited material 148 constructed and secured in the manner similar to that described in the form illustrated in Fig. 5. In the outer wall 145 of the pocket is secured the male member 149 of a glove fastener adapted to cooperate with the female member 150 secured to and through the respective members of the flap adjacent the free end thereof. The pocket is subdivided into a smaller compartment by means of a folded piece of material 151 extending from the innermost part of the outer limit thereof and secured to the plaited end closures 148 in any suitable manner. In Fig. 11 the folded members 154 and 155 represent the cross-section of the two sides of the upper plait 148 and the figure as a whole is an enlarged section de-

signed to illustrate the construction at the rear corner of the pocket portion shown in Fig. 10 in its closed position.

It is not desired to limit this invention to the precise details of construction and arrangement herein set forth, as it is obvious that various additional modifications may be made therein without departing from the essential features of the invention as defined in the appended claims.

That which I claim and desire to protect by Letters Patent is:

1. A cover for a book having one side arranged to form with said book a pocket, secured on one side of the cover at the edge opposite the back, means connecting the upper and lower ends of said pocket to the respective adjacent edges of said book, and the material of the back of said cover terminating in a flap for said pocket.

2. A cover for a book comprising boards secured to the sides of said book, a section of material secured to the inner side of one of said boards and extending rearwardly along and spaced from the outside face of said board, said material being secured at its ends to said board to form a pocket, and a flap for said pocket.

3. A cover for a book comprising boards secured to the sides thereof, the material of the back projecting to one side of said book, a section of material secured to the inner side of one of said boards and extending rearwardly along and spaced from the outside face thereof, said material being secured at its ends to said board to form a pocket, and a flap for said pocket comprising said projecting material.

4. A cover for a book comprising boards, the material of the back projecting freely at one side of said cover, a section of material secured to the inner side of one of said boards and extending rearwardly along and spaced from the outside face thereof, said material being secured at its upper and lower ends to the adjacent edges of said board by plaited sections, the lateral projection of said back material forming a flap for said pocket and means for securing said flap in a position to close said pocket.

5. A book having a flexible portion of the cover secured along the forward edge thereof and spaced therefrom, plaited means for securing the ends of said flexible cover portion to said book, and the material of the back of said cover projecting at one side and forming a flap for the pocket thus formed.

6. A book cover comprising boards and a back, the material of said back projecting at one side, a flexible member secured along the forward edge portion of one of said boards, and plaited means securing the ends of said member to said board, said projection of said back material forming a flexible flap for the pocket thus formed.

7. A book cover comprising boards and a back, the material of said back projecting at one side, a flexible member secured along the forward edge portion of one of said boards, plaited means securing the ends of said member to said board, said projection of said back material forming a flexible flap for the pocket thus formed, and a lining for said flap extending at its inner end into said pocket.

8. A book cover comprising boards and a back, the material of said back projecting at one side, a flexible member secured along the forward edge portion of one of said boards, plaited means securing the ends of said member to said board, the projection of said back material forming a flexible flap for the pocket thus formed, a lining for said flap extending at its inner end into said pocket, and a lining on the outer side of said cover, said first-named lining at its inner end being secured to said second-named lining.

9. A book cover comprising boards and a back, the material of said back projecting at one side, a flexible member secured along the forward edge portion of one of said boards, plaited means securing the ends of said member to said board, said projection of said back material forming a flexible flap for said pocket, and fastening means comprising two cooperating members, one being secured to said flexible member, and the other to the end portion of said flap.

10. A book cover comprising boards, and a back, the material of said back projecting at one side, and a pocket on one side and secured along one edge to one of said boards, said pocket opening rearwardly, and the other edges thereof being flexibly secured to the respective adjacent edge portions of said cover and said projection of said back material forming a flap for said pocket.

11. A book having integral flanges comprising the transversely bound edge portions of a plurality of the leaves, one of said flanges being of greater width than the remaining.

12. A book, having a rounded back forming integral flanges at the side edges thereof, one of said flanges being of greater width than the other, and a pocket abutting said flange and secured thereagainst by the cover of the book.

13. A book having its back extended to form flanges at the edges thereof, one of said flanges being of greater width than the other.

14. The combination of a book with a cover comprising boards and a back, the rear edges of said book being rounded and forming flanges, one of said flanges being of greater width than the other, one of said boards being normally in close relation with said book on the side having the greater

flange and secured thereto by said cover, and a flap comprising a lateral extension of the material of said back, and hinged at the peak of said greater flange, said flap being
5 spaced from the adjacent board when parallel thereto.

15. The combination of a book with a cover comprising boards and a back, the rear edges of said book being rounded and
10 forming flanges, one of said flanges being of greater width than the other, one of said boards being normally in close relation with said book, on the side having the greater flange and secured thereto by said cover, a

flap comprising a lateral extension of the material of said back, and hinged at the peak of said greater flange, said flap being
15 spaced from the adjacent board when parallel thereto, and a collapsible pocket disposed between said flap and adjacent board,
20 and secured in place by said cover.

In witness whereof, I have hereunto set my hand this 20th day of February, A. D. 1911.

JOHN G. GAREIS.

Witnesses:

J. STUART FREEMAN,
ALEXANDER PARK.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."