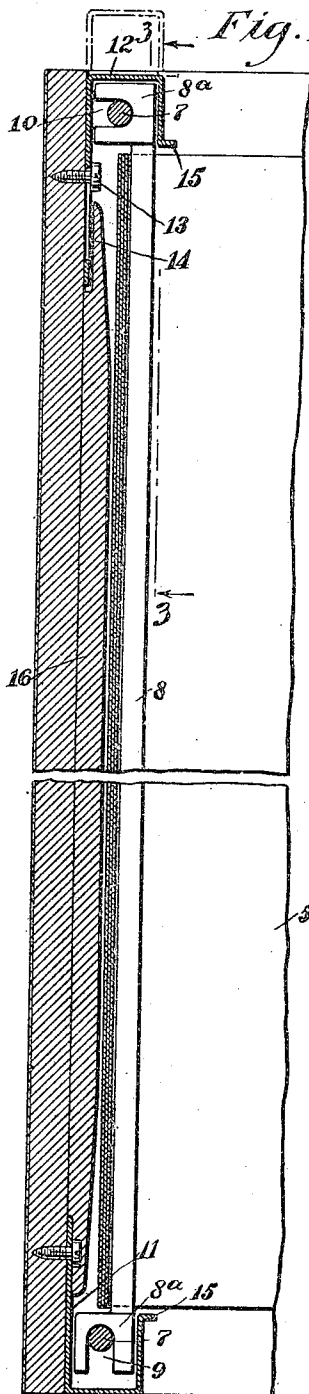


J. POHORALEK.
MAGAZINE BINDER.
APPLICATION FILED JUNE 3, 1909.

949,546.

Patented Feb. 15, 1910.



WITNESSES

Edward Thorpe.
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Fig. 2,



Fig. 3,

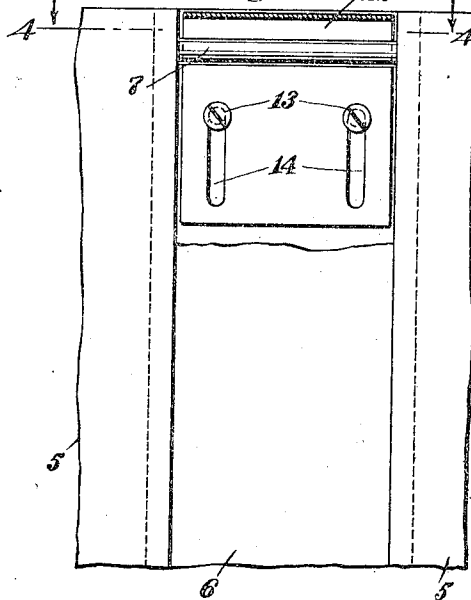
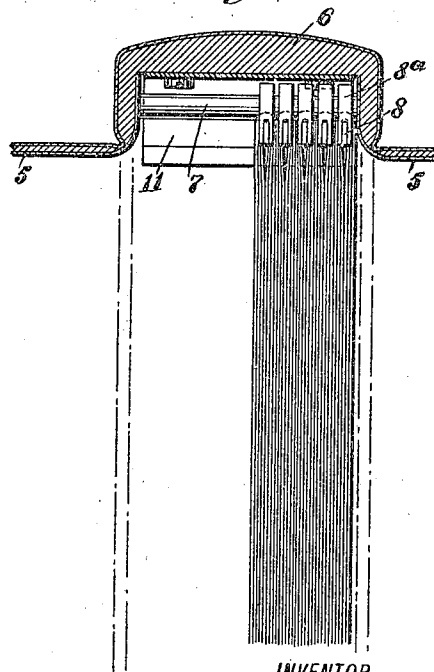


Fig. 4.



INVENTOR

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UNITED STATES PATENT OFFICE.

JOHANNES POHORALEK, OF NEW YORK, N. Y.

MAGAZINE-BINDER.

949,546.

Specification of Letters Patent.

Patented Feb. 15, 1910.

Application filed June 3, 1909. Serial No. 499,870.

To all whom it may concern:

Be it known that I, JOHANNES POHORALEK, a subject of the Emperor of Austria-Hungary, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Magazine-Binder, of which the following is a full, clear, and exact description.

The invention is an improvement in binders for magazines and similar articles and has in view a binder of book form having a number of leaf-retaining bars at the back, extending longitudinally and provided with cross pins, each retaining bar engaging one of the cross pins by an endwise movement, and the other cross pin by a lateral movement, and casings or keepers extending over the opposite end portions of the cross pins, with the casing of the cross pin engaged by a lateral movement of the bars movably mounted to pass into and out of overlapping relation to the latter, whereby the bars are locked and unlocked.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views, and in which—

Figure 1 is a longitudinal central section through a magazine binder constructed in accordance with my invention, the leaf of the binder being partly broken away; Fig. 2 is an outer edge view of one of the leaf-retaining bars; Fig. 3 is a fragmentary inside view of a binder, with the leaf-retaining bars removed and the locking casing in section; and Fig. 4 is a cross section on the line 4—4 of Fig. 3, looking in the direction of the arrows.

In the construction of the binder I employ a book cover of suitable size, which consists of the cover leaves 5—5 and cover back 6, the body of the latter being preferably composed of a block longitudinally grooved. Extending between the side walls of the back, adjacent to each end of the binder, are cross pins 7 upon which are removably seated a number of leaf-retaining bars 8 which are longitudinally arranged and have thickened heads 8^a projecting inwardly from the body of the bar, as shown in Fig. 1. One head 8^a of each bar has a longitudinal slot 9 entering its end, and the opposite head is provided with a similar slot 10 transversely arranged and entering from the inner edge,

the slots being of such size as to neatly fit the pins 7. By this arrangement of the slots, the leaf-retaining bars may be easily applied and removed from the pins, the first-named operation being performed by first passing the longitudinally slotted heads 8^a over one of the pins 7 and then moving the bar laterally toward the back, into engagement with the other pin.

To lock the bars in place when engaged with the pins, two casings or keepers are provided, arranged at the opposite ends of the back, each casing being of hooked form, with one of said casings 11 fixed to the back and extending around the ends and overlapping the top edges of the retaining bars having the longitudinally slotted heads, and the other casing 12 similarly arranged at the opposite ends of the bars but slidably secured to the back by screws 13, the latter extending into longitudinal slots 14 in the shank of the casing. Each casing has an outwardly extending lip 15 at its outer free edge, to present a flattened surface to the edges of the bound magazine or similar articles, and to prevent the leaves of the latter from being worn or cut. At the inner side of the leaf-retaining bars a filing strip 16 is secured within the groove of the back and terminates at each end, short of the heads 8^a, the end bars of the filing strip being beveled and covering the end portions of the shanks of the casing to give the binder a finished appearance. Magazines or similar articles are filed in the binder by withdrawing the sliding casing 12 to the dotted position in Fig. 1, in order that the leaf-retaining bars may be removed. One of these bars is then placed between the leaves of each magazine to be filed, after which it is re-engaged with the cross pin 7, and together with such other leaf-retaining bars as the binder may be provided with, is locked in place by forcing the sliding casing inwardly. The backs of the magazines rest against the filing block 16 and are prevented thereby from moving rearwardly.

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

1. The combination, in a binder, of a book cover having cross pins adjacent to the opposite ends of the back, leaf-retaining bars each having a longitudinal slot entering one end, and a transverse slot entering its inner edge adjacent to the opposite end, to re-

spectively engage over said pins, and means to retain that end of each bar having the transverse slot, against outward movement.

2. The combination, in a binder, of a book
 5 cover, cross pins carried by the cover adjacent to the opposite end portions of the back, leaf-retaining bars, each bar having a longitudinal slot entering one end and a transverse slot entering its inner edge adjacent to the opposite end to respectively engage over said pins, and hooked casings carried by the back of the cover and arranged to receive the end portions of the bars with that casing at the ends of the
 10 bars having the transverse slots mounted to slide from over the ends of the retaining bars.

3. The combination, with a binder, of a book cover having a back provided with a
 20 longitudinal groove, cross pins arranged in said groove adjacent to the opposite end portions of the back, leaf-retaining bars, each having heads arranged at opposite ends with one of said heads of each pin provided with a longitudinal slot entering its outer end,
 25 and the other head having a transverse slot entering its inner edge, to respectively engage over said pins, a casing secured to the back and arranged to extend over the ends of the leaf-retaining bars having the longitudinal slots, and a casing slidably mounted on said back and arranged to move over and from the heads at the opposite ends of the bars.

- 35 4. The combination, in a binder, of a book

cover, leaf-retaining bars, each having heads at its opposite ends, and hooked casings carried by the back of the cover and arranged to extend over the heads of the bars at the opposite ends thereof, with each casing provided with an outwardly extended lip to present a flat surface to the edges of the matter arranged on the bars. 40

5. The combination in a binder, of a book cover, a number of leaf-retaining bars arranged longitudinally at the back of the cover, and hooked keepers secured to the back and extending over the opposite ends of the bars, with the shank of each keeper arranged between the bars and the back, with one of said shanks slidably mounted to admit of the removal and reengagement of the bars with the back. 45

6. The combination in a binder, of a back having cross-pins adjacent to the opposite ends, leaf-retaining bars, each having a longitudinal slot entering one end and a transverse slot entering its inner edge adjacent to the opposite end to respectively engage over said pins, and keepers to retain that end of each bar having the transverse slot against outward movement. 50 60

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

JOHANNES POHORALEK.

Witnesses:

GEORGE H. EMSLIE,
 JOHN P. DAVIS.