

C. E. MOSSICK.  
 LOOSE LEAF BINDER.  
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1,015,203.

Patented Jan. 16, 1912.

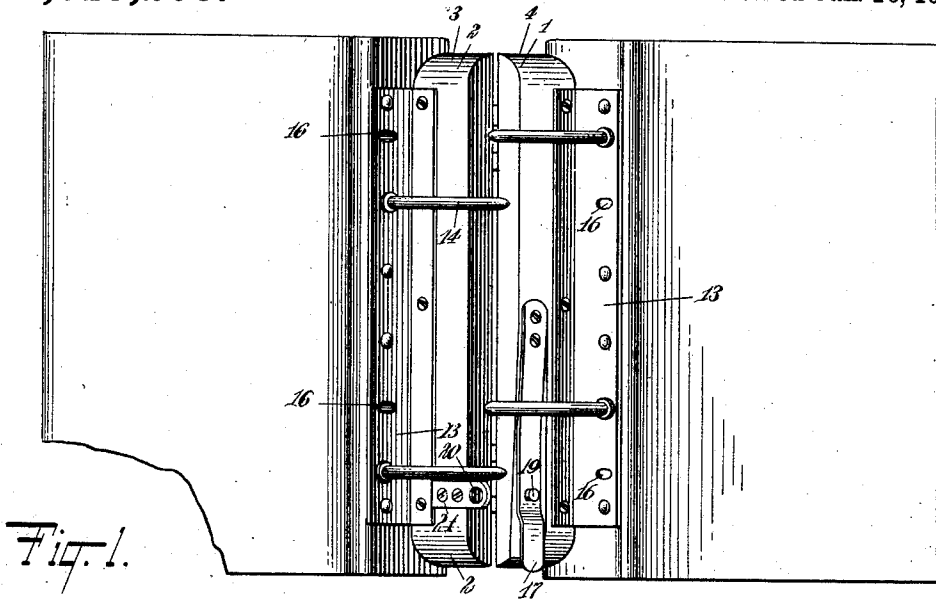


Fig. 1.

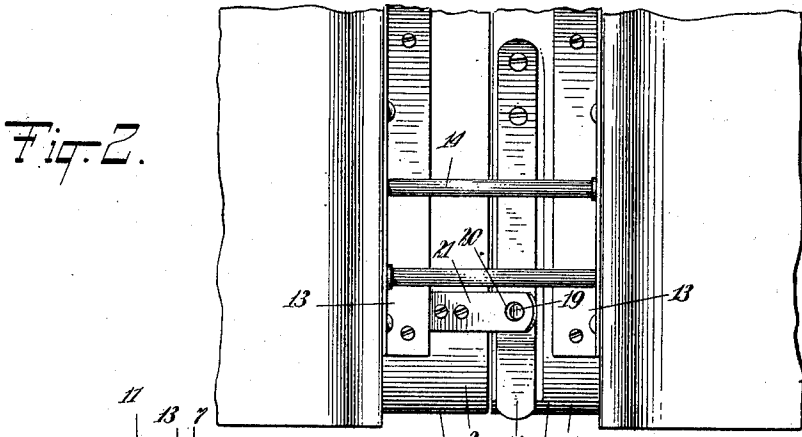
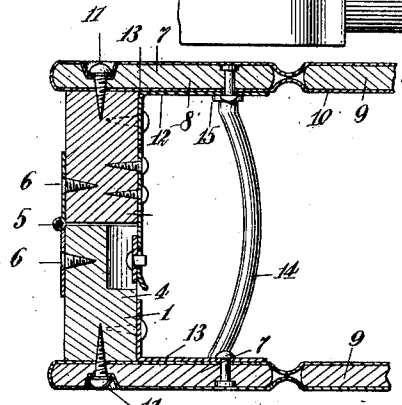


Fig. 2.



WITNESSES 11

George Rambo. Fig. 3.  
 H. H. Hitting

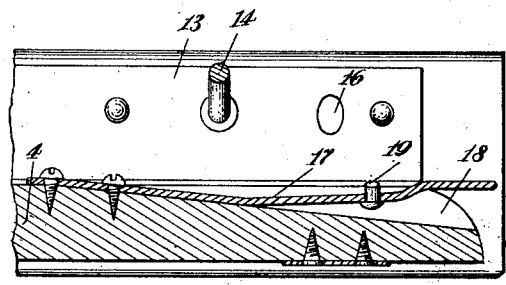


Fig. 4. INVENTOR Charles E. Mossick  
 BY M. H. Hitting ATTORNEYS

# UNITED STATES PATENT OFFICE.

CHARLES E. MOSSICK, OF CHICAGO, ILLINOIS.

## LOOSE-LEAF BINDER.

1,015,203.

Specification of Letters Patent.

Patented Jan. 16, 1912.

Application filed March 23, 1911. Serial No. 616,354.

*To all whom it may concern:*

Be it known that I, CHARLES E. MOSSICK, a citizen of the United States, and a resident of Chicago, in the county of Cook and State of Illinois, have invented a new and Improved Loose-Leaf Binder, of which the following is a full, clear, and exact description.

This invention relates to a new and improved binder for securing loose leaves together in the form of a book.

An object of this invention is to provide a device which will be simple in construction, comparatively inexpensive to manufacture, strong, durable, readily accessible, and easily adjusted.

A further object of this invention is to provide a binder with an enameled back having sides secured thereto, with reinforcing angles to brace the sides, and with a simple lock to secure the sections of the back together.

These and further objects, together with the construction and combination of parts, will be more fully described hereinafter and particularly set forth in the claims.

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 top plan view, showing the binder unlocked and open; Fig. 2 is a view similar to Fig. 1, showing the binder open, but locked; Fig. 3 is a transverse vertical section, showing the binder closed and locked; and Fig. 4 is a detail fragmentary section through the locking devices.

Referring more particularly to the separate parts of this invention as embodied in the form shown in the drawings, 1 indicates a back, which, while it may be of any suitable form and material, preferably consists of wood, enameled to give a pleasing appearance, and having the ends rounded off on the inside, as at 2. This back is preferably formed in two sections 3 and 4, hinged together in any suitable manner, as by means of hinges 5, which may be secured to the sections of the back in any suitable manner, as by means of screws 6.

Secured to opposite sides of the back, there are provided covers 7, which may comprise a stationary strip of wood 8 and a movable leaf 9, secured together in a flexible manner by means of a cloth binding 10.

The covers may be secured to the back in any suitable manner, as for example, by means of screws 11, which pass through the strips 8 and into the back 1. It is preferred that the covers project beyond the back a sufficient distance to prevent the hinges 5 from coming in engagement with a table or desk, when the binder is placed on a desk, as will be seen more clearly by reference to Fig. 3.

In order that the strips 7 need not be made of three-ply veneer, or excessively thick, they are reinforced and secured to the back 1 by means of angle-plates 12, which are secured to the strip and the back in any suitable manner, as by means of fasteners 13. These angle-plates prevent the covers from breaking away from the back, and form a strong and durable structure.

For the purpose of engaging in openings in the loose-leaves to be secured in the binder, there are provided a plurality of hooks 14, which are riveted to the angle-plates 12 and formed with enlarged heads 15 at the point where they join the outer surface of the angle-plates, so as to limit the motion of the hooks. These hooks are somewhat arcuate, and provided with points, so that they can pass into openings 16 provided in the opposite covers and angle-plates, and are preferably disposed in staggered relation with respect to each other.

For the purpose of securing the sections 3 and 4 of the back 1 together, so as to lock the hooks 14 in the openings in the leaves, there is provided a spring-latch 17, secured at one end in any suitable manner to one section 4 of the back, and adapted to be manipulated into and out of a recess provided in this section. This spring latch 17 is provided with a projecting lug 19 of any suitable character, which is adapted to engage an opening 20 in a latch member 21, secured in any suitable manner, as by means of screws, to the other section 3 of the back 1. These latch members 17 and 21 together form a convenient lock, which is very simple in construction, and which can be readily operated to lock and unlock the sections of the back. The lug 19 is preferably beveled, so that when the sections are snapped together, the latch members will automatically engage each other in locking relation.

It will thus be seen that there is provided a simple and efficient loose-leaf binder, which will securely hold the leaves in posi-

tion, and yet permit them to be readily removed by unlocking the sections and spreading them apart. It will further be seen that this binder will be very simple in construction, inexpensive to manufacture, and at the same time, strong and durable.

While I have shown one embodiment of my invention, I do not wish to be limited to the specific details thereof, but desire to be protected in various changes, alterations and modifications which may come within the scope of the appended claim.

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

The combination with a back, comprising

a plurality of sections, of one or more hinges on the outside of said back, for securing said sections together, covers secured to said back and projecting a sufficient distance beyond the outside of said back to extend beyond said hinges, whereby said hinges will be prevented from coming in contact with a surface on which said back is supported.

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

CHARLES E. MOSSICK.

Witnesses:

JOHN BAUER, Jr.,  
JOHN BAUER, Sr.

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

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