Oct. 4, 1932. E. BUENGER 1,880,763

MAGAZINE OR CATALOGUE BINDER

Filed May 2, 1931 2 Sheets-Sheet 1

Fig. 1

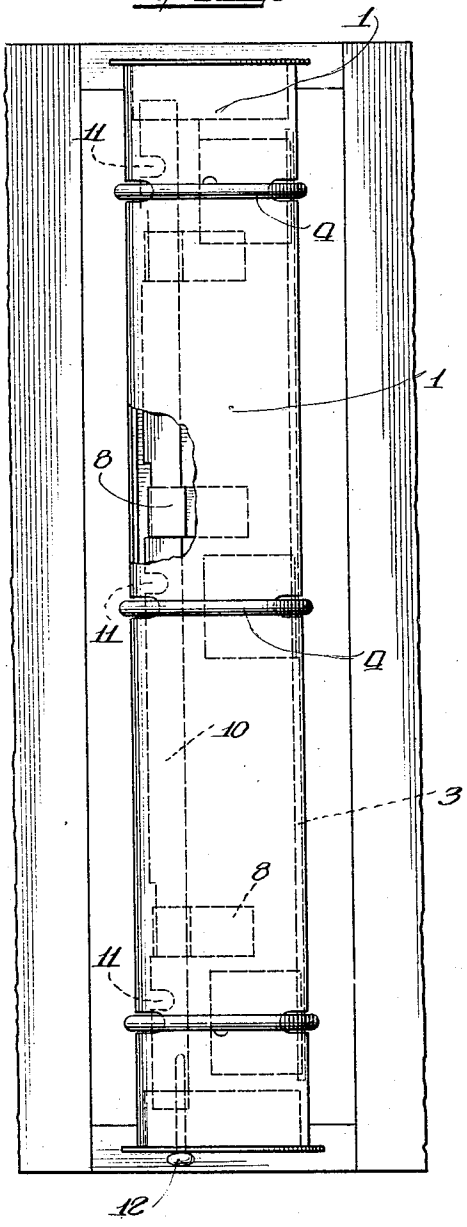
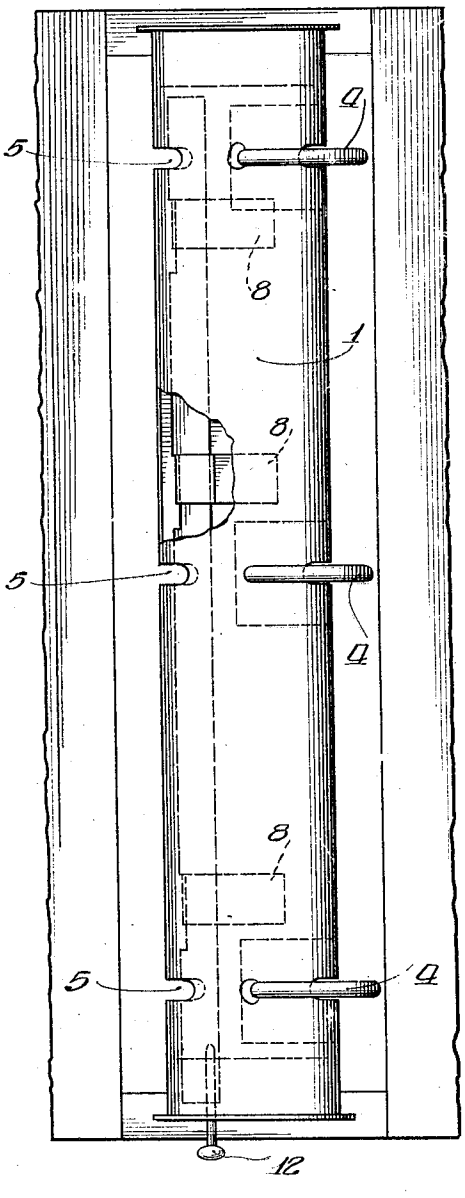


Fig. 2



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Fig. 3

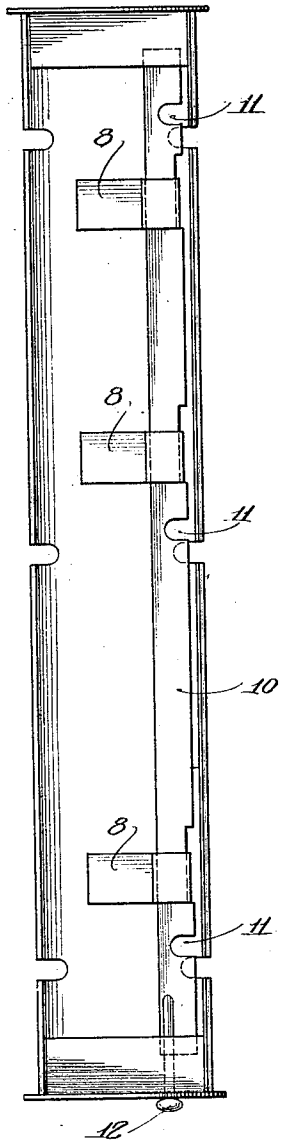


Fig. 4

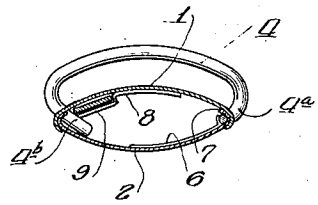


Fig. 5

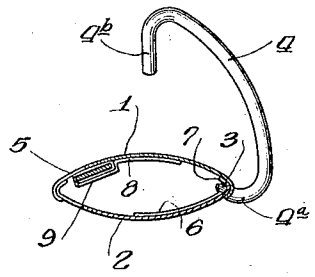
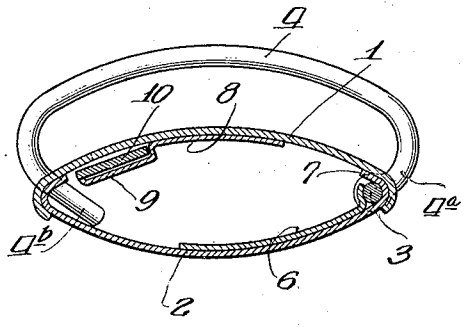


Fig. 6



Inventor:
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Patented Oct. 4, 1932

1,880,763

UNITED STATES PATENT OFFICE

EDWARD BUENGER, OF CHICAGO, ILLINOIS, ASSIGNOR TO WILSON-JONES COMPANY, OF CHICAGO, ILLINOIS, A CORPORATION OF MASSACHUSETTS

MAGAZINE OR CATALOGUE BINDER

Application filed May 2, 1931. Serial No. 534,578.

This invention relates to a magazine or catalogue binder in which the bound elements are retained upon prongs and concerns itself with the manner of hinging and securing these prongs for easy and expedient operation.

The invention comprises a novel structure and combination of parts hereinafter described and more particularly pointed out and defined in the appended claims.

In the accompanying drawings is illustrated a preferred form of this invention and in which similar reference numerals refer to similar features in the different views;

On the drawings:

Figure 1 is a fragmentary interior plan view of a binder illustrating the prong-locking members in closed positions.

Figure 2 is a view similar to Figure 1 illustrating the prongs in open or elevated position for receiving the bound elements.

Figure 3 is an interior plan view of the uppermost plate of the casing.

Figure 4 is a transverse section through the metals.

Figure 5 is a view similar to Figure 4 illustrating the prongs in elevated position.

Figure 6 is an enlarged transverse sectional view illustrating the prongs in their lowered positions and ready to be locked in such positions by the locking member.

As shown on the drawings:

In referring to the drawings there is shown the usual elliptical casing consisting of the cover member 1 which engages over the base-plate 2 which is usually attached to a flexible leather cover or the like. A rod 3 is journaled upon one side of the interior surface of the casing and holding prongs 4 are secured to this rod. Each holding prong has a downwardly and inwardly curved terminal portion 4*a* which is attached to the rod 3 while the other terminal slopes downwardly and inwardly as indicated at 4*b* for engaging in an aperture 5 in the opposite edge of the casing. The rod 3 is preferably retained in place by a plurality of metal strips 6 which are secured to the base-plate and which have upstanding terminals cooperating with the lips 7 on the base-plate for forming a bearing recess for the rod 3.

Upon the lower surface of the cover-plate 1 there are secured a plurality of keepers 8 which have downwardly offset portions at their outer ends as indicated at 9. A prong-locking bar 10 is slidably mounted in the offset portions of the keepers 8 and this locking bar 10 is provided with notches 11 which are spaced apart the same distance as the holding prongs 4. In the normal closed position of the binder, the locking bar 10 is in the position shown in Figure 1 with the notches or recesses 11 disposed to one side of the holding prongs so that the edge of the locking bar will engage the inclined portions 4*b* of the prongs 4 and prevent the same from being swung upwardly.

The locking bar 10 is provided with a small rod 12 which extends beyond the end of the binder, in order that it may be grasped by the hand of the user for sliding the bar for opening and closing the binder. When the locking bar 10 is shifted from the position shown in Fig. 1 to the position shown in Figure 2 whereby the notches 11 are brought directly opposite the prongs 4, the said prongs may be elevated into the position shown in Figure 2 to allow the user to impale or remove the elements as may be desired. After the elements have been removed or impaled, the prongs may be swung downwardly into the position shown in Figure 6 and the locking bar 10 may be shifted into the position shown in Figure 1 for locking the carrying prongs in their closed position.

From the foregoing it will be obvious that a very simple binder has been provided in which catalogues, magazines, or loose sheets may be retained and quickly inserted or removed by simply shifting the locking bar.

I am aware that many changes may be made and numerous details of construction may be varied through a wide range without departing from the principles of this invention, and I therefore do not purpose limiting the patent granted hereon otherwise than necessitated by the prior art.

I claim as my invention:

1. In a binder, a casing comprising a lower

transversely curved plate and a cover member engaging thereover, a rod journalled interiorly of one side of said casing, said rod having prongs thereon with downwardly and inwardly extending free terminals, said casing having apertures for receiving said terminals, keepers secured interiorly of the cover, and a notched locking bar slidable in said keepers for locking said prongs in said apertures.

2. In a binder, a casing comprising a bowed base plate having upper inturned lips, a cover plate engaging over said inturned lips, metal strips secured to said base plate and cooperating with one of said lips to form a bearing recess, a rod journalled in said bearing recess and having prongs thereon, said casing having apertures for receiving the free ends of said prongs, keepers upon the interior of said cover forming a slideway adjacent said apertures and a notched locking rod in said slideway for locking the free ends of said prongs in said apertures.

3. In a binder, a casing comprising a lower bowed base plate having marginal inturned lips, metal member secured to said base plate and cooperating with one of said inturned lips for forming a bearing recess, a rod mounted in said bearing recess and having prongs thereon, said casing having apertures for receiving the free ends of said prongs and means for latching said prongs in said apertures.

In testimony whereof I have hereunto subscribed my name at Chicago, Cook County, Illinois.

EDWARD BUENGER.