J. S. McCOMB.

SHEET FOR LOOSE LEAF BINDERS.

APPLICATION FILED MAY 1, 1908.

915,789. Patented Mar. 23, 1909.

Fig. 1.

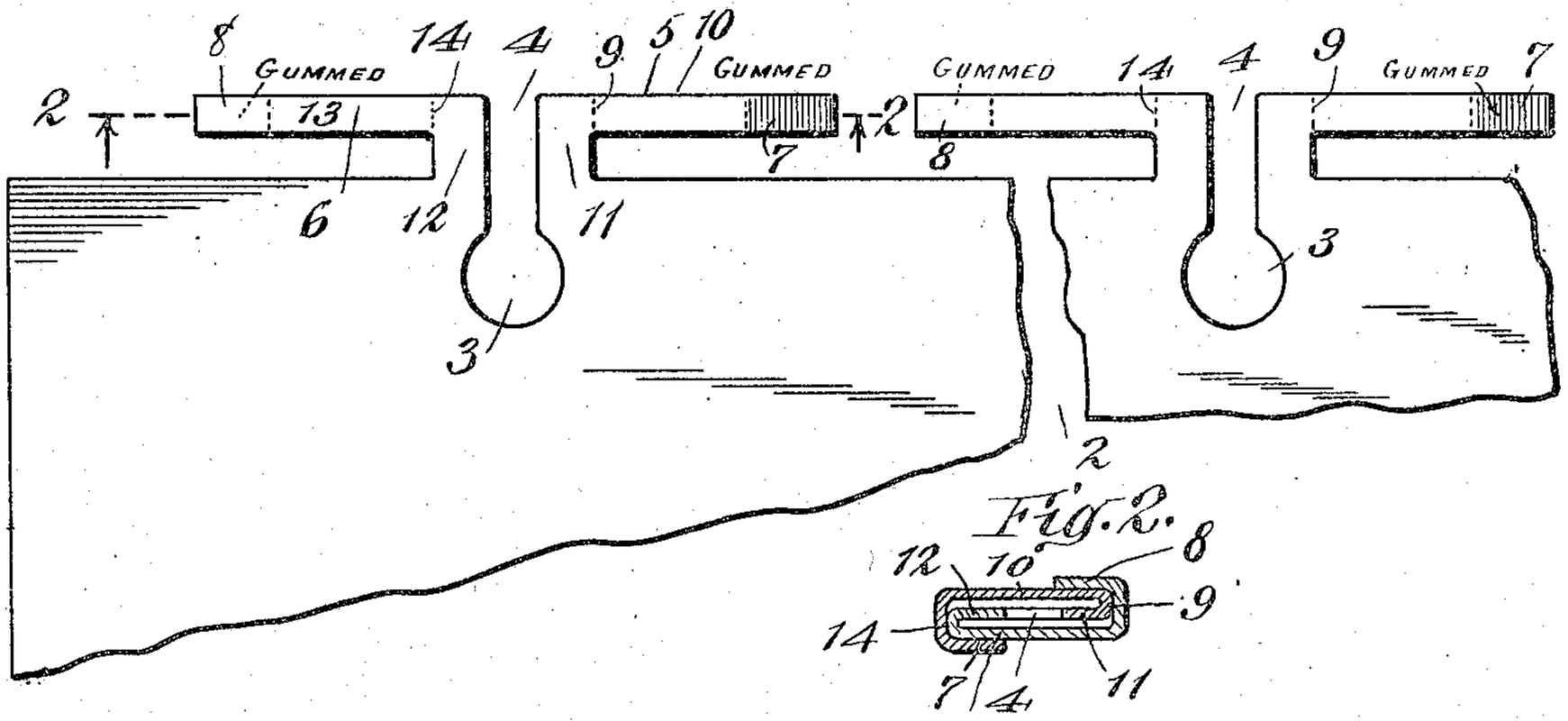


Fig. 2.

Fig. 3.

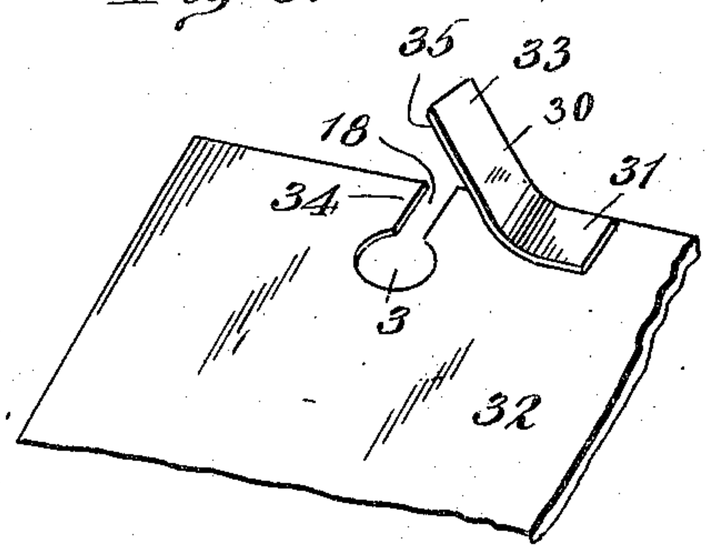


Fig. 4

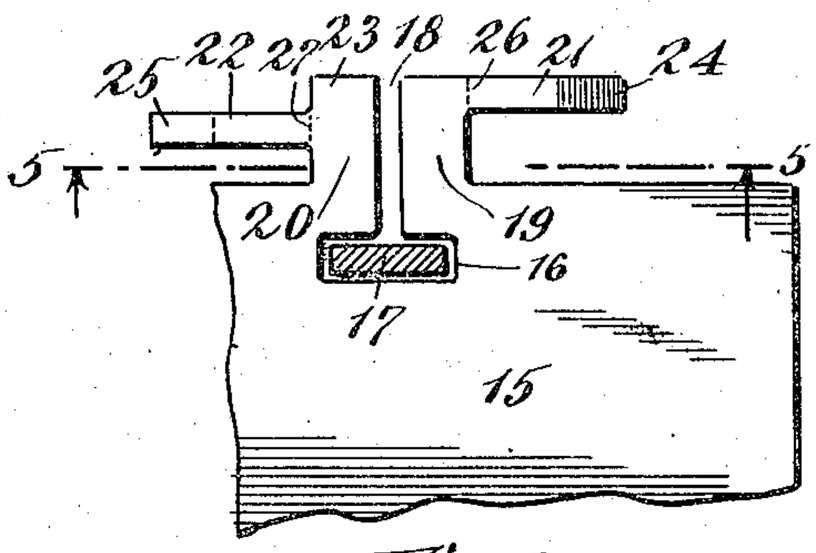


Fig. 5.

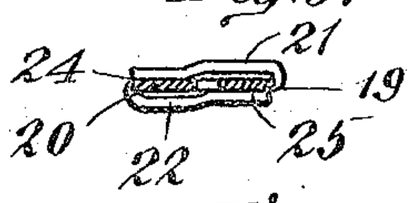


Fig. 6.

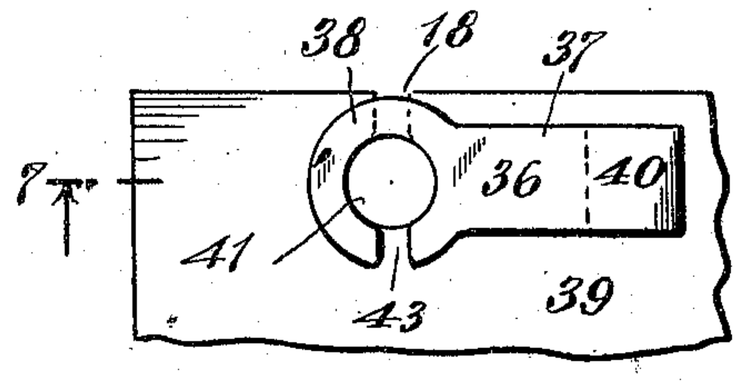
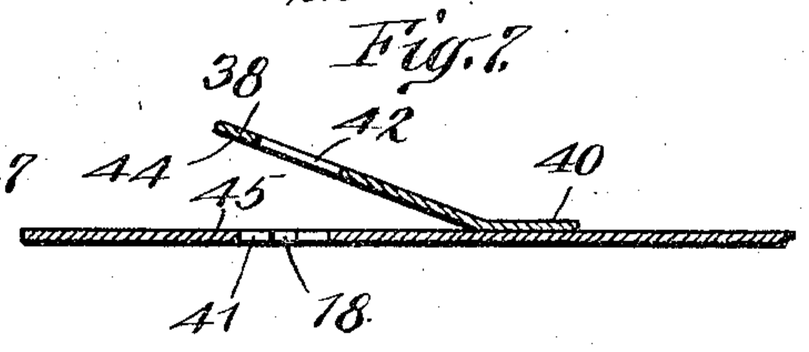


Fig. 7.



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SHEET FOR LOOSE-LEAF BINDERS.

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To all whom it may concern:

Be it known that I, JENNINGS SCOTT McCOMB, a citizen of the United States, and a resident of Dobbs Ferry, in the county of Westchester and State of New York, have invented certain new and useful Improvements in Sheets for Loose-Leaf Binders, of which the following is a specification, taken in connection with the accompanying drawing which forms a part of the same.

This invention relates to loose leaf binders and more particularly to a sheet or page for said binders, and means for preventing the accidental or unauthorized removal of one or more of said leaves from the binder.

In the accompanying drawing showing illustrative embodiments of this invention, and in which the same reference numeral refers to similar parts in the several figures, Figure 1 is a plan view of a page for a loose leaf ledger or binder, a portion of the page being broken away to better illustrate the invention. Fig. 2 is a cross section on lines 2—2 of Fig. 1 showing the tabs in operative position. Fig. 3 is a perspective view of a modified form of my invention. Fig. 4 is a plan view of a modified form of my invention showing a page used in connection with an oblong or non-circular binder post or pillar which in this figure is shown in section. Fig. 5 is a cross section on line 5—5 of Fig. 4, looking in the direction of the arrows after the tabs are folded over in operative position. Fig. 6 is a plan view of another modified form of my invention. Fig. 7 is a cross section on line 7—7 of Fig. 6.

In the illustrative embodiments of this invention shown in the drawing, one is a sheet or page for a loose leaf binder, the page being shown broken away at 2. As usual in such pages, they are formed with recesses 3, 3 for the reception of a post or pillar of the binder (not shown), and with open slots 4, 4.

In my invention I provide means attached to the sheet or page, and preferably forming a part thereof, for closing slots 4, 4 to prevent the unauthorized or accidental removal of any one or more sheets from the binder.

In the preferred construction shown in Fig. 1, I use tabs 5 and 6, which are preferably an integral portion of the sheet, and may be formed at the same time that the sheet is cut. I preferably place an adhesive upon the upper surface of the end portion 7 of the tab 5 and an adhesive upon the lower surface of the end 8 of tab 6. After the sheet 1 is placed upon the pillar or post which is caused to move through the slot 4 and into the recess 3, I bend the tab 5 at 9 permitting the portion 10 to rest on top of the arms 11 and 12 of the sheet 1, and seal the gummed portion 7 to the portion 13 of the tab 6 which should have been folded at the same time on line 14, bringing the end 8 of the tab 6 across the under surface of the arms 11 and 12, permitting the gummed surface on the end 8 to be sealed on the top of the portion 10 of the tab 5, Fig. 2. These two tabs 5 and 6 will therefore close the slot 4, one on the top of the arms 11 and 12 and one on the bottom of said arms as shown, for instance, in Fig. 2.

The structure shown at the right of Fig. 1 is merely a duplicate of that previously described, and inserted to show that the sheet is adapted to be used in a binder with one, two or more posts or pillars.

I may use a different arrangement of integral tabs such as that shown in Fig. 4. In this figure the sheet 15 has a non-circular opening 16, for the reception of a non-circular binding post 17 which is passed into the opening 16 through the open slot 18 in an obvious manner. On the rear of the sheet 15 and preferably forming a part of it, I form two arms 19 and 20, and upon these arms preferably form integral tabs; tab 21 on arm 19 and b 22 on arm 20. The tab 21 is preferably placed near the end of the arm 19 and the tab 22 is placed upon the arm 20 at some intermediate point between the sheet 15 and the end 23 of the arm 20 so as to be staggered in relation to the tab 21. I preferably gum the upper surface 24 of the tab 21 and the under surface 25 of the tab 22. After the sheet 15 has been inserted in the ledger and the pillar 17 is seated in the recess 16 as shown in Fig. 4, I close the slot 18 by bringing the tab 21 up from the position shown in Fig. 4, bend it on the dotted line 26, and seal the end 24 on the upper surface of the end 23 of the arm 20, as clearly shown in Fig. 5. The other tab 22 I bend down on the dotted line 27 causing it to pass beneath the arms 20 and 19, and seal the gummed end 25 to the bottom surface of the arm 19, as shown in Fig. 15. Instead of having my tabs formed integral with the sheet, I may, if desired,

form them separately and attach them in any suitable manner, to the sheet, to close the slot 18.

In Figs. 3, 6 and 7 I have shown a separate detached tab which is held at one end in any suitable manner such as by an adhesive (though any other means could be used) and after the sheet has been inserted in the binder, I preferably gum the other end of the tab so as to close the slot. As shown in Fig. 3 I take a narrow strip of paper or cloth 30 and secure its end 31 by any suitable adhesive or other means, to the sheet 32 leaving one end 33 of the tab 30 free and adapted to extend across the slot 18. After sheet 32 has been inserted in the binder and the binder post reaches its seat in the aperture 3, I bend down the end 33 of the tab 30 and secure the free end 33 to the surface 34 of the sheet in any suitable manner such as by moistening the gummed surface 35 which may be arranged on the bottom of the end 33 of the tab. It is obvious that when both ends of the tab 30 are sealed to the sheet 32, the letter cannot be withdrawn from the binder without being torn, and leaving evidence in the binder of its removal.

In Figs. 6 and 7 I use a little different form of tab 36, which consists of a body portion 37 and a split ring 38. In placing the tab 36 upon the sheet 39 I secure one end 40 of the tab in any suitable manner, as by an adhesive, to the sheet 39 and locate ring 38 over the aperture 31 in the sheet, so that the open portion 42 of the tab, Fig. 7, will register with the opening 41. The slot 43 in the ring 38 is staggered with relation to the slot 18 in the sheet so that a portion of the ring will normally close the slot 18 as shown in Fig. 6. To locate or seat, the pillar or post of the binder in the aperture 41 of the sheet 39, the post will be passed through the slot 18, ring 38 being raised as for instance, in Fig. 7 to permit this operation. By simple manipulation the post can then be made to pass through the slot 43 of the ring 38 in an obvious manner. The surface 44 of the ring may be glued or otherwise secured to the surface 45 of the sheet if desired.

Having thus described this invention in connection with several illustrative embodiments thereof, to the details of which I do not desire to be limited, what is claimed as new and what it is desired to secure by Letters Patent is set forth in the appended claims.

1. A sheet for a loose leaf binder having means for closing the usual filing slot after the sheet has been inserted in the binder.

2. A sheet for a loose leaf binder having a tab and means for causing the tab to close the filing slot in the sheet.

3. A sheet for a loose leaf binder having one or more integral tabs for closing the filing slot in the leaf.

4. A sheet for a loose leaf binder having two rearwardly extending arms and a tab adapted to close the opening between the arms.

5. A sheet for a loose leaf binder having rearwardly extending arms and integral tabs on the arms for closing the filing slot between the arms.

6. A sheet for a loose leaf binder having rearwardly extending arms and integral tabs on the arms for closing the filing slot between the arms, said tabs being staggered with relation to each other.

7. A sheet for a loose leaf binder having an ordinary filing slot, a closing tab and means for securing it across the filing slot.

8. A sheet for a loose leaf binder having means for positively closing the usual filing slot after the sheet has been inserted in the binder.

9. A sheet for a loose leaf binder provided with a plurality of slots and means for securing a binding post in one of the slots.

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