

H. R. APPLGATE.
 HOLDER FOR BOOKS, BOUND DOCUMENTS, AND THE LIKE.
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1,254,635.

Patented Jan. 22, 1918.

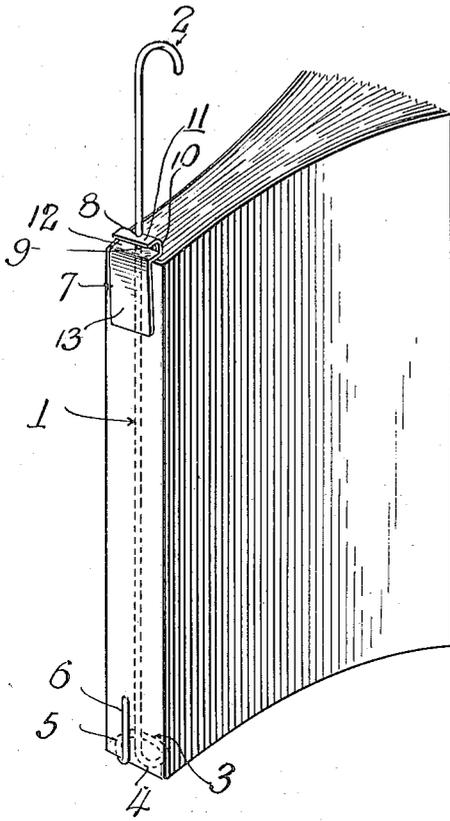
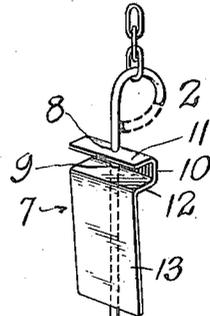
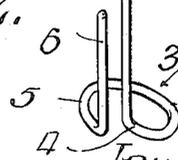


Fig. 1.



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Fig. 2.



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UNITED STATES PATENT OFFICE.

HARRY R. APPLGATE, OF CHICAGO, ILLINOIS.

HOLDER FOR BOOKS, BOUND DOCUMENTS, AND THE LIKE.

1,254,635.

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To all whom it may concern:

Be it known that I, HARRY R. APPLGATE, a citizen of the United States, and a resident of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Holders for Books, Bound Documents, and the like; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to an improved holder for books, bound documents and the like, and is particularly adapted for use with such books as telephone directories and catalogues, more or less bulky in form, and which are in constant daily use.

The object of the invention is to provide a device that is simple in construction and readily attached to or removed from the book, cheap to manufacture, durable and convenient in use;—a device which is provided with means for readily securing it to a desk or support on the wall adjacent to its place of convenient use. A further object is to provide a device which although it may be susceptible of use as an advertising medium, will not be objectionable in the office or home by reason thereof.

These and other features of the invention will more fully appear from the following description and the appended claims.

In the drawings:

Figure 1 illustrates a device embodying my invention in connection with a book, such as a telephone directory.

Fig. 2 represents the device detached from the book.

In that embodiment of my invention shown in the drawings (referring more particularly to Fig. 2), the body of the holder designated at 1 consists of a rod or wire provided, at its lower end, with a shoulder or support 3 for the lower portion of the book to rest upon, and, at its upper end, with means for attachment to a suitable hook or support when in use. The latter means is shown in said figure as consisting of a bent-over portion of the wire end, constituting a hook 2.

The support 3 for the lower portion of the book consists of a projecting shoulder formed

by laterally bending the lower portion of the rod 1, in a plane at right angles with the longitudinal axis of said rod,—first outwardly, as at 4, and then forwardly and finally rearwardly as at 5. When the rod 1 is inserted within the leaves of the book, as clearly shown in Fig. 1, the end of the book will rest firmly upon the shoulder 3.

The end portion of the wire after the shoulder 3 is formed, is bent upwardly as indicated at 6, in a direction substantially parallel with the rod 1, thus providing a convenient space between the rod 1 and said bent-up portion 6, for a lower part of the back of the book. Thus the back of the book is securely clamped in position between the lower end of the rod 1 and the upturned member 6.

7 is a locking member, consisting, preferably, of a piece of sheet metal, apertured as indicated at 8 and 9, so as to be impaled upon the rod 1. This locking member is bent so as to form a wall intermediate of two laterally projecting wall sections 11 and 12. The sections 11 and 12 are substantially parallel and extend in the same direction from the wall 10. Connected with and bent downwardly from the section 12 is a clamping part or section 13, extending in substantially parallel relation with the wall member 10. The apertures 8 and 9 are of such size as to snugly fit the size of wire used for the rod 1, and yet permit the locking member 7 to be readily slidable upon said rod. The apertures are to be made in the walls 11 and 12 in substantially close proximity to the wall 10. The wall 10 is to be of such width as to make it possible to readily insert the curved hook or supporting portion 2, through the two apertures.

In attaching my device to a book, as illustrated in Fig. 1, I open the book and place the rod 1 between the open leaves, as close to the back as the stitching or binding or both will permit, and then move the rod longitudinally toward the top of the book until the bottom section of the back of the book is firmly secured between the up-turned clamping arm 6 and the lower portion of the rod 1, with the lower edge of the book resting firmly upon the supporting shoulder 3. When in this position, it will be found that the upper portion of the rod 1 and the engaging hook 2 will extend above the top

edge of the book. I then impale the sheet metal locking member upon the upper end of the rod 1 and move it longitudinally of the rod 1 toward the lower end of the device

5 until the wall member 12 rests upon the top edge of the book with the wall member 13 against the upper portion of the back of the book. By making the wall member 12 of sufficient width, or in some instances by

10 slightly bending the wall member 13 so as to extend at an angle slightly less than a right angle with respect to the wall member 12, I obtain tension sufficient to lock the upper portion of the book between the wall

15 member 13 and the rod 1. Thus, the book will be firmly held longitudinally of its pages, between the shoulder 3 at the bottom and the wall 12 at the top, and at the same time it will be firmly clamped between the

20 rod 1 and the lower clamping member 6 at the bottom and will be locked at the top between the rod 1 and the locking wall 13. The holder and book thus become a unitary structure and may be readily handled, without

25 danger of coming apart in ordinary use. The holder may be readily removed from the book by moving the book and sheet metal holder 7 in one direction and the rod 1 in the opposite direction, until the lower

30 edge of the book is clear of the clamping bar 6, when the sheet metal device may then be rotated upon the upper part of the rod 1 to clear the book and the structures separated.

35 The size of the supporting shoulder, the extent of the bends, the length of the upturned locking bar 6, and the length of the rod 1, will of course vary with the size of different books; and the dimensions of the

40 sheet metal locking piece 7 will be varied correspondingly to meet the various requirements. The locking member may be made also of wire, bent to slidably engage the rod 1 and to have an engaging shoulder

45 12 and a locking wall 13. The width as well as the length of the plate 13 may be varied according to the different uses to which the holder may be put and it is to be observed that this wall 13

50 affords a convenient place for advertising. Where the device is to be used, as for example, in a telephone booth in connection with a chain, so as to permanently attach the holder to the booth,—the hook 2, after

55 the sheet metal locking device 7 has been strung upon the rod 1, may be bent, as indicated in dotted lines, in Fig. 2, until its end substantially touches the upper part of the rod 1, or at least until in such bent position, the plate 7 may not be removed entirely,—thus forming an eye or link to

60 which the chain or locking device may be secured. The device is exceedingly simple, easy to

65 understand and manipulate, will not wear

out, and is cheap of manufacture. It may be readily made in sizes to fit various uses. Advertising portion upon the wall 13 will not be objectionable where the device is used amid refined surroundings as in a

70 house or a club, for example, and at the same time, the value of the device as an advertising medium in other uses is enhanced by the permanency of the device.

I claim as my invention:

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1. A book holder comprising a wire member having a bail or sustaining upper end and bent at its lower end to form a laterally projecting book supporting shoulder and an integral clamping member, combined with a locking member having sliding engagement upon the wire member and provided with a shoulder to engage the top of the book and a locking portion adapted to press against the top of the book back.

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2. A bookholder consisting of a wire rod provided with means at its lower end for supporting and clamping the lower part of a book, a locking device comprising a piece of sheet metal bent to form spaced, horizontal flanges which have aligned apertures through which said rod extends, said flanges being connected along one edge by an upright web and one of said horizontal flanges having a depending flange at its other edge, said last named horizontal flange being adapted to engage the top edge of a book, and said depending flange being adapted to engage the back of said book when said locking device is on said rod.

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3. A book holder comprising a main body member made of wire, said body member terminating at one end in a hook or bail, the other end of said body member being bent to provide a loop arranged at right angles to the said main body member, said loop terminating in a comparatively short upturned member arranged parallel with but spaced from the said main body member, and a clamping member adapted to be impaled upon said main body member from its hook end, said clamping member being capable of a sliding movement upon said main body member.

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4. A book holder comprising a main body member made of wire, said body member terminating at one end in a hook or bail, the other end of said body member being bent to provide a loop arranged at right angles to the said main body member, said loop terminating in a comparatively short, upturned member arranged parallel with but spaced from the said main body members, and a sheet metal clamping member adapted to be impaled upon said main body member from its hook end, said clamping member consisting of two horizontal wall members, connected along one edge by an upright wall member, one of said horizontal wall members having a flange depending

115 120 125 130

from that edge opposite that connected to
said upright wall, said horizontal wall sec-
tions having alined holes arranged sub-
stantially near said upright wall members
5 by means of which said clamping member
is impaled upon said main body member.

In testimony that I claim the foregoing

as my invention I affix my signature in the
presence of two witnesses, this 20th day of
February A. D. 1917.

HARRY R. APPLGATE.

Witnesses:

TAYLOR E. BROWN,
BERTHA L. MACGREGOR.