Nov. 13, 1928. 1,691,191

E. C. HENDERSON

BOOKRACK

Filed Jan. 31, 1927

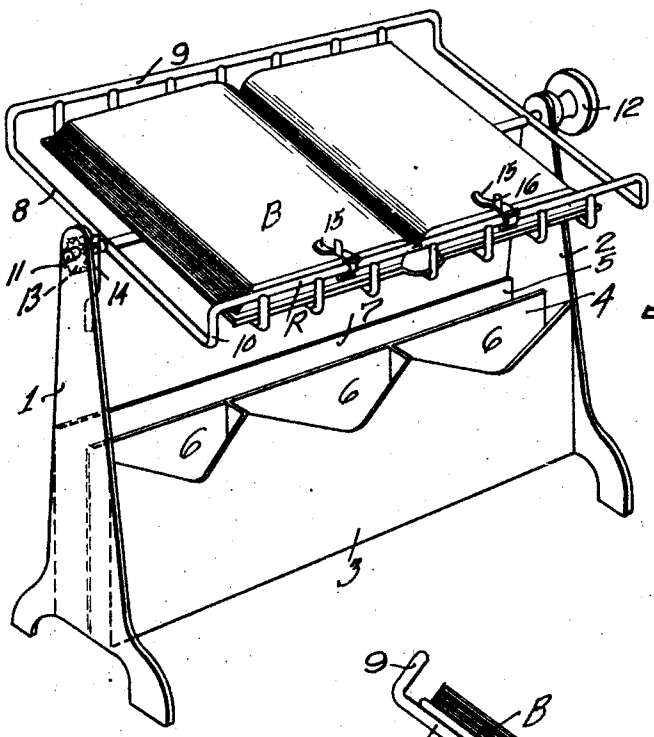


Fig. 1

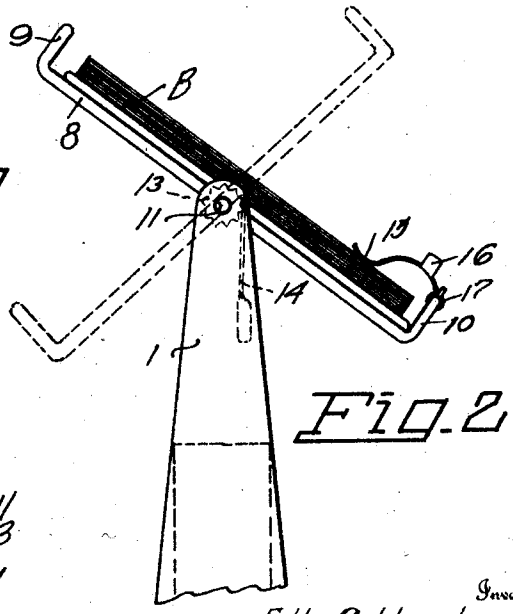


Fig. 2

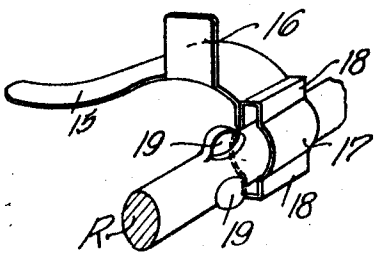


Fig. 3

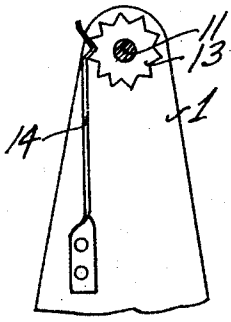


Fig. 4

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UNITED STATES PATENT OFFICE.

ELLA C. HENDERSON, OF PULLMAN, WASHINGTON.

BOOKRACK.

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My present invention relates to improvements in book racks or book stands adapted to hold a book for inspection or reference. While the rack is adapted for various and numerous uses, it is particularly designed for the purpose of holding a book where its pages may readily be inspected, and the book held open at a desired page. One of the special advantages of the rack is its convenience for use in a kitchen for holding and displaying a recipe book for use by the housekeeper or cook in baking, cooking and other culinary operations. By the utilization of the book rack of my invention the selected recipe may be displayed for convenient reference and consultation or reference from time to time without being subjected to soiling from the hands that may be covered with flour, or wet from handling fruits, vegetables etc.

The invention consists in certain novel combinations and arrangements of parts as will hereinafter be more fully set forth and claimed. In the accompanying drawings I have illustrated one complete example of the physical embodiment of my invention wherein the parts are combined and arranged according to the best mode I have thus far devised for the practical application of the principles of my invention.

Figure 1 is a perspective view of a book rack embodying my invention and showing a book supported thereon and open for inspection or reference.

Figure 2 is an enlarged detail view showing the pivotal arrangement of the rack.

Figure 3 is an enlarged detail perspective view of one of the spring detents and its support, used for retaining the pages or leaves in open position.

Figure 4 is a detail view showing the ratchet arrangement for holding the rack in pivoted adjustment.

In the preferred form of my invention as illustrated in the drawings I utilize a pair of posts or uprights 1 and 2 spaced the proper distance apart and rigidly connected or joined by plates or boards 3, 4, 5 that extend longitudinally of the device and form braces for the posts. These parallel plates or boards are spaced apart to form a series of front pockets 6 for the reception of cards, etc., and a rear pocket 7 for the reception of a book or books as B. When not in use the book may be stored in this pocket where it is ready and accessible to the user.

The rack 8 is preferably of rectangular form and may conveniently be made up of metal bars as shown with upturned ends as 9 and 10 for confining the book within the rack.

The rack is pivoted on a horizontal shaft 11 journaled in bearings in the upper ends of the posts, and this shaft may be turned to adjust the rack by use of the handle or knob 12 at the right end of the shaft, as indicated by dotted lines in Figure 2.

For holding the rack in adjusted position I employ a ratchet wheel 13 on the shaft adjacent to one of the posts, and a spring pawl 14 on the inner side of a post, as 1, co-acts with this ratchet wheel to hold the shaft in adjusted position when the rack has been turned to the desired angle.

The leaves or pages of the open book are retained in position by means of a pair of spring detents or fingers 15, spaced apart, and each one adapted to bear upon its respective page for holding the latter. These spaced detents or page holders are supported on the rod R of the upturned end 10 of the rack and are readily slidable thereon toward the ends of the rod R to permit turning of the pages when necessary. Or the detents, which are loosely slidable on the rod, may readily be turned back on the rod as a pivot to permit turning of the pages. For moving the detents or page holders each of the spring fingers is provided with an upturned, integral lug or handle 16 that may be grasped between the thumb and finger or pushed with the thumb.

Each detent has a slide clip 17 that encircles the rod R and this clip is fashioned with oppositely arranged boxes or angular ends 18 forming pockets adapted to slip over the complementary lugs 19 on the rod. There are two pairs of these lugs spaced apart on the rod and they are preferably stamped or struck up from the metal of the rod at diametrically opposite points. Thus when the desired page has been found in the book, the two detents are slid along the rod R until the respective pairs of pockets or boxes of the two clips engage over the fixed lugs. In this position the clips are anchored against relative rotary movement on the rod and the resilient fingers or spring detents are in position to bear or press upon their respective sides of the book or its leaves to retain them at the desired open place. When the rack has been adjusted to the proper angle as in Figure 1 it will be apparent that the recipe (or other

contents of the book) may be readily consulted and referred to.

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

1. The combination with a pair of spaced posts and longitudinally disposed, spaced boards joined at their ends to said posts to form pockets between the posts, of a book-rack pivoted in the upper ends of the posts, and means for retaining said rack in adjusted position.

2. The combination with a book rack, of a pair of spring detents each including a tubular clip slidable on the rack and formed with extension pockets, and complementary lugs on the rack for co-action with said pockets for holding the detents on the rack.

In testimony whereof I affix my signature.

ELLA C. HENDERSON.