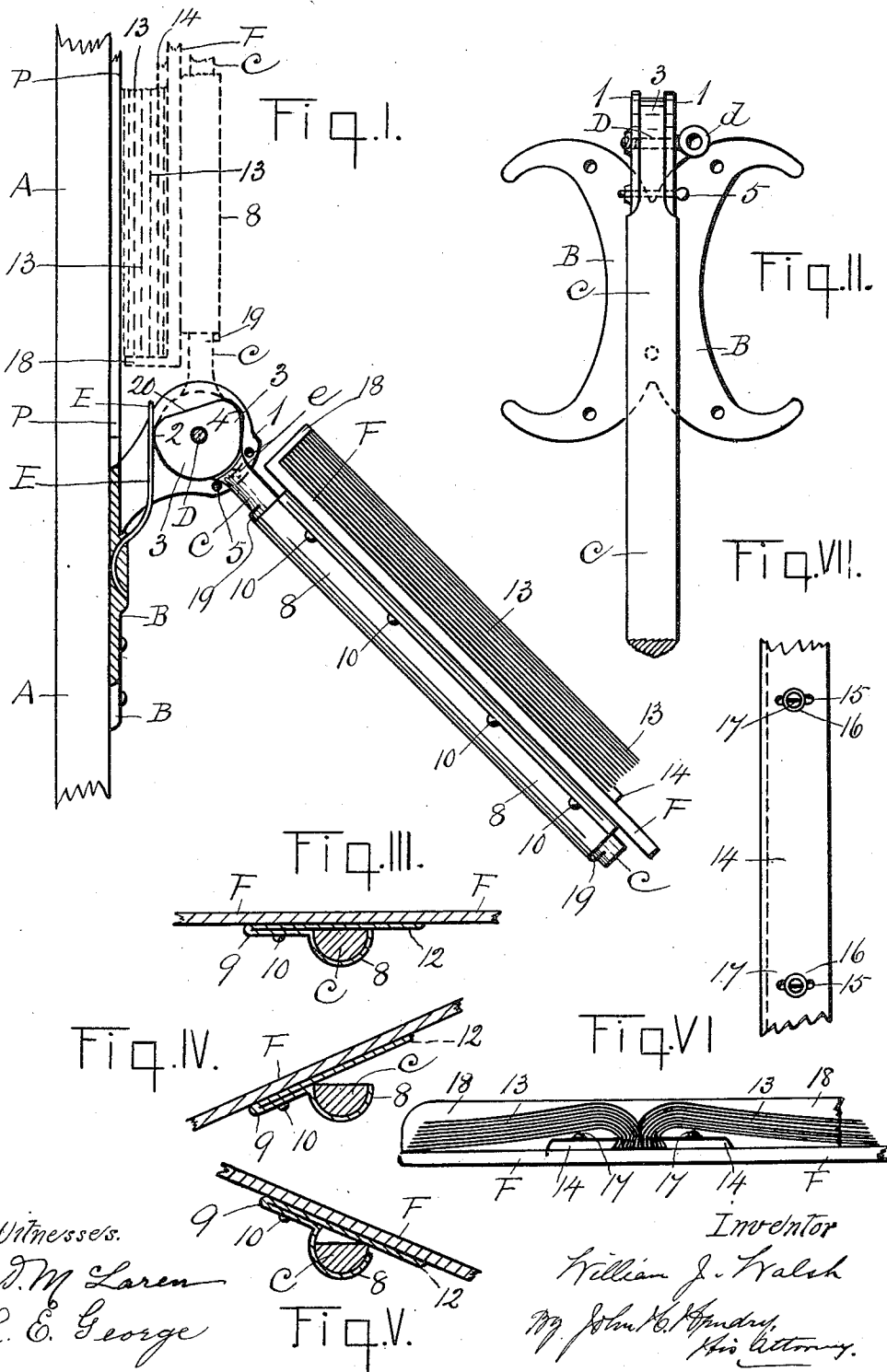


W. J. WALSH.
OPEN BOOK REST.
APPLICATION FILED MAY 20, 1911.

1,017,120.

Patented Feb. 13, 1912.



Witnesses.

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OPEN-BOOK REST.

1,017,120.

Specification of Letters Patent.

Patented Feb. 13, 1912.

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To all whom it may concern:

Be it known that I, WILLIAM JAS. WALSH, a subject of the King of Great Britain, and resident of Hamilton, in the county of Wentworth and Province of Ontario, Canada, have invented new and useful Improvements in Open-Book Rests, of which the following is a specification.

My invention relates to improvements in open book rests, in which a rest, having an open book thereon, is connected to a wall, and adapted to adjustment from an incline to a vertical and closed position.

The objects of my invention are, first, to provide a wall rest, at a suitable angle or incline and adapted to hold an open book, second, to provide a rest adapted to hold an open book to be tilted in either side direction thereby affording increased light to the book, and to automatically resume normal position, third, to afford facilities for placing the rest from an incline to a vertical position, and there lean against a wall pad protector, when not in use, fourth, to afford means whereby the rest, together with the book may be adjusted to various positions to facilitate the ready reading of the book, and may be swung in an out of the way position. I attain these objects by the mechanism illustrated in the accompanying drawing, in which:—

Figure 1 is a side elevation of the rest and the open book, adjusted to an incline, or normal position, and showing the rest and book in broken lines adjusted to vertical position, as when not in use, one of the side jaws being broken away to show the spring and cam head of the arm. Fig. 2 is a front elevation of the wall bracket and the adjustable arm pivotally connected thereto. Fig. 3 is a cross section of the rest in horizontal position together with the arm and the resilient rest retainer. Fig. 4 is a view similar to that in Fig. 3, showing the arm, and the rest tilted to an angle. Fig. 5 is a view similar to that in Fig. 3, showing the arm, and the rest tilted to an opposite angle. Fig. 6 is a front view of the rest and the book thereon, together with the beveled strips for retaining the binding edge of the book. Fig. 7 is a plan of one of the book binding retaining strips having inner beveled edges as

shown in Fig. 6, and shows slotted holes to allow adjustment of the same to the book.

Similar characters of reference refer to similar parts throughout the several views.

In the drawings A, is a wall, and B, is a bracket rigidly secured thereto. The bracket consists principally of two circular shaped jaws, or lugs 1, forwardly projecting therefrom, and arranged to provide an opening having parallel sides.

C, is a half round arm having a cam head 3, adapted to swing loosely on a screw bolt D, concentric therewith, and between the jaws 1, of the bracket. The screw bolt D, has a head "d", at one end thereof for the purpose of tightening the jaws to the cam head 3, when desired, the opposite end part of the screw being adapted to screw into the opposite jaw.

E, is a spring securely held in the bracket, and the upper part of the spring presses against the cam part 2, of the cam head of the arm C, when the arm is at a suitable incline, or angle, to the wall, as shown, and against the similar cam part 4 of the head when said arm is vertically adjusted against the pad P, on the wall. The spring E, is adjusted to act outwardly, in order to press against the cam parts 2 and 4 of the head 3, of the arm. To further assist the spring E, and the cam parts 2 and 4, of the head, to retain the arm in inclined position, a removable stop pin 5 is provided to extend through one of the holes "e" in the jaws, and engage with the underside of the arm C. At the cam parts 2 and 4 of the head, the spring E is exerting more power than at the other parts of the periphery of the head, consequently the arm C is more easily operated or adjusted from place to place, and is comparatively silent in its movements.

When the pin 5, is removed, the arm C, may be lowered to hang downwardly, or may be raised to vertical position, and there locked out of the way by means of the spring E, and the cam part 4 of the head 3.

It will be noticed that a portion of the periphery of the head 3, is flat as at 20, this is important so as to allow the rest together with the book to be brought to vertical position with the least possible exertion. When the rest is being raised from an in-

clined position the cam part 2, gradually lowers, and when about to pass the spring E, said spring presses the upper part of said cam downward, consequently the rest and the book are automatically raised a considerable distance upward to almost vertical and locking position, thereby very materially assisting a person to raise the rest together with the open book, to a non-readable position, and out of the way.

It is intended to make the bracket B, of suitable shape and design, and the projecting jaws 1, are adapted to support the arm C, and to tighten on the same, when necessary, this feature being essential, in order to stay the arm in various positions, and to take up the wear and tear of the head between the jaws.

F, is the rest, preferably of wood, and is mounted on the flat side of the arm C, said arm being semi-circular in section, and shown in Figs. 3, 4 and 5. The rest F extends sidewise beyond the arm and in both directions, the arm being centrally located on the underside of the rest.

8, is a spring sleeve of resilient nature, having a flange 9 extending on one side therefrom, in double form and said double form is secured to the underside of the rest by means of screws 10, the sleeve 8 fits closely to rotate, in a measure, on the convex, lower side of the arm, and retain the rest to the arm. The flange 9 is single on one side of the sleeve 8 as indicated by 12, and contacts with the rest and with the arm C and holds said rest in horizontal position.

Fig. 3, shows the rest level with the top of the arm, Fig. 4, shows how the rest may be tilted to an angle with the top of the arm, and Fig. 5, shows how the rest may be tilted to an opposite angle thereto. The tilted positions of the rest shown in Figs. 4 and 5, are temporary, and will not remain so tilted, for immediately the hand is removed from the manipulation of the rest, the same will resume normal position as in Fig. 3. The assuming of normal position is accomplished by the inherent resiliency of the sleeve 8, always tending to assume position as in Fig. 3.

When the rest is manipulated to assume tilted positions as in Figs. 4 and 5, an open

book 13, on said rest is then positioned to receive increased light, which may be on either side of the location of the rest.

The rest is specially applicable for directory, or other books.

14, are strips beveled on their inner edges and are secured to the top of the rest and are adapted to grip the binding edge part of the book and to allow the leaves of the book to be freely turned over, and also the book to slide therefrom and lengthwise of the strips.

15, are slotted holes,

16 are washers, and 17 are the screws to secure the strips to the rest.

When the rest together with the book is swung up to vertical position, as shown in broken lines in Fig. 1, the wall pad P, allows the face of the book to contact therewith and said pad may be of suitable size and design, and adapted to contain advertising matter.

The rest has an end stop 18, to allow the book to rest thereon when in vertical position.

19, are stops on the arm to retain the sleeve endwise on the arm.

What I claim as my invention and desire to secure by Letters Patent, is:—

1. In a book support, the combination with an arm which is partly rounded and partly flat in cross sectional outline, of a sleeve of resilient material having a trough-shaped part embracing and adapted to turn on the rounded part of the arm and provided with a flange which is adapted to rest upon the flat part of the arm, and a supporting table or the like carried by said flange.

2. In a book rest, the combination with a table or rest, of independent clamping strips arranged thereon and adapted to receive the back of a book therebetween, and fastenings adjustably connecting the respective strips to the table or rest, whereby said strips may be independently adjusted in the face of the table toward or away from each other and made to clamp the binding of a book and hold it on the rest.

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Witnesses:

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