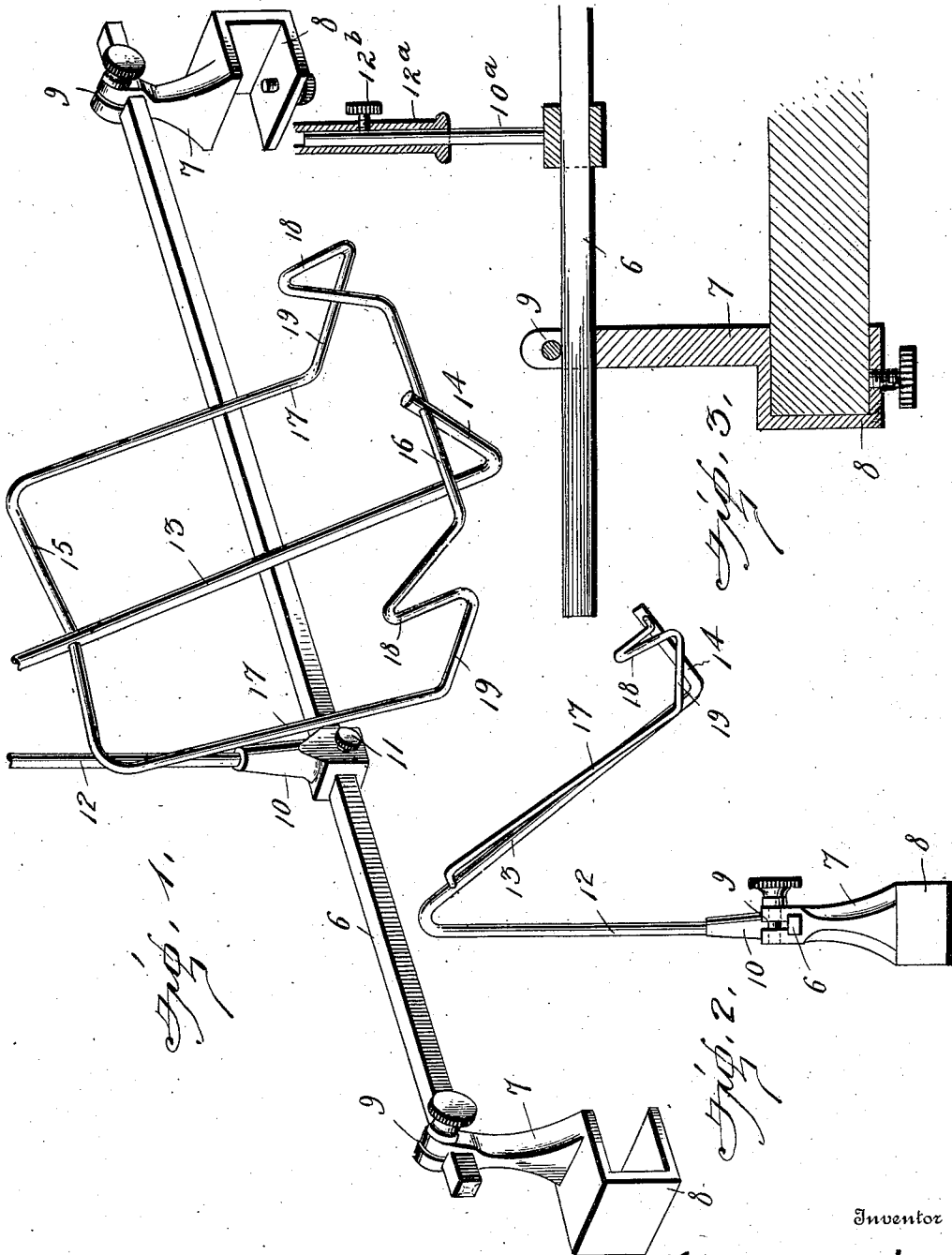


No. 853,184.

PATENTED MAY 7, 1907.

H. W. MILLER.
BOOK HOLDER.

APPLICATION FILED JUNE 23, 1906.



Witnesses

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HIRAM W. MILLER, OF DETROIT, MICHIGAN.

BOOK-HOLDER.

No. 853,184.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, HIRAM W. MILLER, a citizen of the United States, residing at Detroit, in the county of Wayne and State of Michigan, have invented new and useful Improvements in Book-Holders, of which the following is a specification.

This invention is a book holder particularly adapted for use on school desks, and for the support of the books or papers of the student. It may also be applied to desks for typewriters, and to various other uses.

The invention is illustrated in the accompanying drawings, in which

Figure 1 is a perspective view thereof. Fig. 2 is an end view. Fig. 3 is a sectional view of a modification.

The device consists of a book rest supported upon a rod which is fixed to the desk, the rest being slidable along the rod so as to bring it to any desired position thereon, and also rotatable so that the rest can be presented at any angle desired.

The rod 6 is preferably made square or non-circular in shape, and is supported at opposite ends by brackets 7 which have clamps 8 at the bottom, adapted to engage the side edges of the desk top. At the upper end the brackets have clamps 9 which engage the rod, and all these clamps have set screws for holding the parts to which they are attached. The clamps 9 are slidable on the rod so that any width of desk, within the length of the rod, can be fitted with the device.

The book rest is carried by a socket piece 10 which is mounted to slide upon the rod and may be fixed at any place desired by thumb screw 11. This socket piece is hollow or tubular, and receives the upright post 12 of the book rest. The post can be turned in the socket so as to present the book rest at any desired angle.

The book rest comprises a wire frame supported upon a downwardly and forwardly inclined arm 13 extending from the top of the post 12, said parts being preferably formed of a stout metal rod, and the arm 13 is bent up at its lower end, as at 14.

The book rest frame consists of a piece of wire bent to form two wings extending on

opposite sides from the rod 13, and each wing has an upper bar 15 and a lower bar 16, connected at the ends by a bar 17. The bars 16 have upwardly extending bends 18 produced thereon, forming stops to engage over the leaves of a book and hold the same open. At the lower ends of the bar 17 they are bent to project forwardly or outwardly, as indicated at 19, at such an inclination that the book or paper placed thereon will slide down the same and bring up against the stops 18, so that said stops serve their purpose with all kinds of books or material; that is, either thin or thick books, or sheets of paper will rest in the angle between the parts 18 and 19, and against the former, and so any kind of book will be held open. The bars 15 are slightly raised or bent up from the plane of the rod 13, so that a depression or space is provided in which the back of the book can lie without "breaking" the same by opening the book too wide.

The manner of support of the book rest allows it to be moved along the desk to any part thereof, and it will be found particularly useful in school rooms, where it will support a book at the middle of the desk while the scholar is studying, and can then be moved aside from one end to the other during recitation.

In the modified form shown in Fig. 3 the slide has an upright rod 10^a fitting in the tubular post 12^a of the book rest. This construction allows the rest to be raised or lowered and fixed at adjustment by set screw 12^b.

I claim:

1. A book holder for desks, comprising clamping brackets adapted to be secured to the desk, a rod supported at opposite ends by said brackets, and a book rest mounted on the rod and slidable thereon between the brackets.

2. A book holder for desks, comprising a rod adapted to be supported horizontally upon the desk, a socket piece slidable thereon from one end to the other, and a book rest having an upright post fitting in the socket and rotatable therein to turn the rest to various angles.

3. A book rest comprising an upright sup-

porting post, and a frame mounted thereon
having a lower bar with upwardly projecting
bends forming stops adapted to rest against
the leaves of an open book, and having side
5 bars provided with forwardly inclined por-
tions at their lower ends, leading toward said
stops.

In testimony whereof I have signed my
name to this specification in the presence of
two subscribing witnesses.

HIRAM W. MILLER.

Witnesses:

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GLENN E. WEBB.