

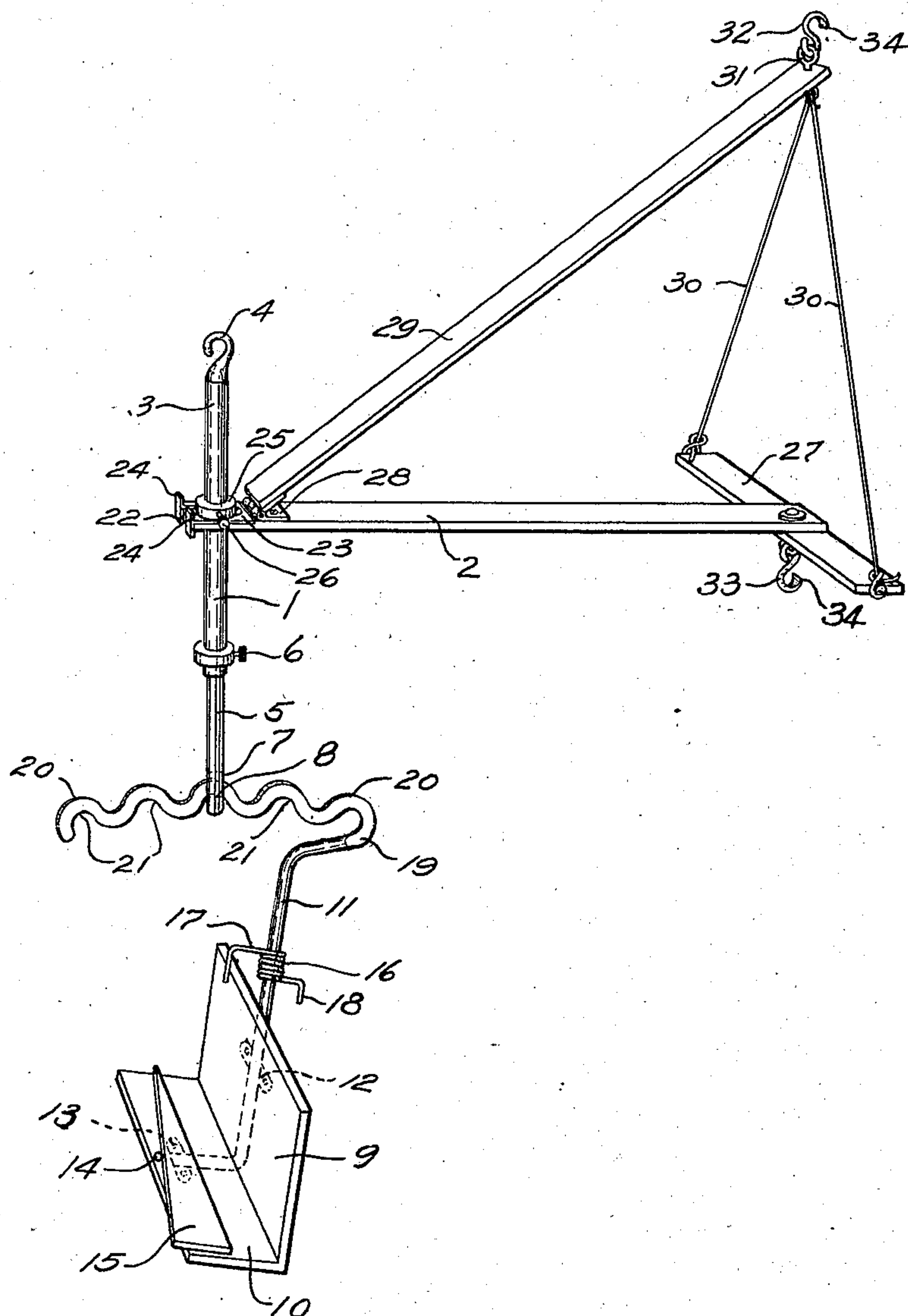
No. 702,761.

Patented June 17, 1902.

E. S. ANTISDALE.
BOOK HOLDER.

(Application filed Aug. 28, 1901.)

(No Model.)



WITNESSES:

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UNITED STATES PATENT OFFICE.

EDWIN S. ANTISDALE, OF CHICAGO, ILLINOIS.

BOOK-HOLDER.

SPECIFICATION forming part of Letters Patent No. 702,761, dated June 17, 1902.

Application filed August 26, 1901. Serial No. 73,376. (No model.)

To all whom it may concern:

Be it known that I, EDWIN S. ANTISDALE, a citizen of the United States of America, and a resident of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Book-Holders, of which the following is a specification.

The main objects of my invention are to provide a book-holder which can be readily suspended from a variety of different supporting means—such as a wall, tree, gas-fixture, or piece of furniture—to provide for easy adjustment as to height and angle of inclination of the supported book, and to provide improved means for holding the book in the rack. I accomplish these objects by the device shown in the accompanying drawing, in which the figure is a perspective view of a book-holder constructed according to my invention. The various parts are shown in their respective positions as when the device is suspended from a hook or molding on a wall.

The device shown is constructed as follows:

An extensible hanger 1 is suspended from a horizontal supporting-arm 2. The hanger 1 consists of the hollow tube 3, having a hook 4 secured to its upper end and having the rod 5 snugly fitting within the tube. The rod 5 is longitudinally slidable within the tube 3 and is clamped in any desired position by the thumb-screw 6, acting through a perforation in the tube. Near the lower end of the rod 5 is a slot 7, presenting the shoulder or stop 8 at its lower part.

The book-rack consists of a back-rest 9 and the supporting-ledge 10, at right angles to each other. At the back of the book-rack and rigidly secured to the same is a vertically-disposed arm 11. This arm is preferably bent partly around the book-rack and secured to both the back-rest 9 and the ledge 10, as at 12 and 13. In the middle of the ledge 10, near its forward edge and projecting slightly above its upper surface, is a pin 14. A wedge-shaped member 15, bearing against the shoulder presented by the pin 14, serves to retain a book supported by the ledge 10 in an open position. The upper part of the book is held against the back-rest 9 by means of a clamp, which consists of the sleeve 16, having projecting therefrom the hooks 17 and 18. The

horizontal arms of these hooks are made of different lengths, so that one clamp will serve to support either thick or thin books. The sleeve 16 is slidable along the arm 11. The arm 11 is flattened from the point 19 to its end and is crimped to form the series of corrugations 20, disposed at substantially right angles to the vertical part 11. The corrugations form at their lower sides a number of shoulders 21. The flattened part 20 of the arm 11 is seated in the slot 7 of the rod 5. The shoulder 8 of the rod 5 engages one of the shoulders 21 of the arm 11. It will be seen that the book-rack will be caused to hang at different angles by supporting the part 20 from different shoulders 21. The tube 3 is seated in the slot 22 at the outer end of the arm 2. This slot is preferably protected by a plate 23, having thereon the lugs 24. The tube 3 is supported by the collar 25, which is slidable along said tube and may be clamped in any position by the thumb-screw 26. The lugs 24 on the arm 2 serve to prevent the collar 25 from slipping off over the end of the arm 2. The opposite end of the arm 2 is rigidly secured to the cross-piece 27, which serves to prevent the supporting-frame from swinging laterally with respect to a wall or other support. Hung to the arm 2 at 28 is an inclined brace 29. The extremities of the cross-piece 27 are hung from an eye at the end of the brace 29 by means of the cords 30. The eye-bolt 31 passes through the end of the brace 29 and serves as a swivel for the hook 32. The hook 33 has a similar connection to the arm 2. The claws 34 of these hooks are preferably flattened and sharpened, as indicated.

The operation of my device is as follows: If the point of support be high, as in the case of a picture-molding, the frame will be hung from the hook 32. If the point of support be comparatively low, the supporting-frame will be hung from the hook 33, and the position of its parts will be inverted from that shown in the figure. The claws 34 are sharpened, so that the device may be hung from a flat ledge, as the top of a door or window-sash. The remaining parts of the device are hung from the supporting-frame, as shown in the figure. A book opened to the desired page is placed upon the ledge 10, with its back

against the rest 9 and held in position by the hook 17 or the hook 18. The wedge 15 is now pushed between the shoulder 14 and the open pages of the book, thus retaining the book in its open position. To turn the pages of the book, it is simply necessary to lift the wedge 15 or slide it out toward its base, replacing it after the page is turned. The hook 17 need not be disturbed. Adjustment as to height may be had by sliding the rod 5 within the tube 3 and clamping it in the desired position by the thumb-screw 6, or further vertical adjustment may be had by shifting the collar 25 along the tube 3. Adjustment as to angle of inclination of the book may be had by shifting the horizontally-disposed part 20 in the slot 7 of the rod 5. The shoulders 21 serve to retain the book at the desired angle. The book may be caused to face in any direction, since the collar 25 will turn freely upon the plate 23.

If it is desired to hang the book-rack directly from a gas-fixture or similar support, the supporting-frame need not be used, the device being hung by the hook 4.

It will be seen that numerous details of my device may be altered without departing from the spirit of my invention. I therefore do not confine myself to such details except as hereinafter limited in the claims.

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

1. In a book-holder the combination of a back-rest and a lower supporting-ledge, a horizontally-disposed arm secured to and above said back-rest and having a plurality of shoulders thereon, and a hanger having thereon a stop adapted to engage either of said shoulders, whereby said back-rest may be suspended at different angles of inclination.

2. In a book-holder the combination of a back-rest and a lower supporting-ledge, a horizontally-disposed arm secured to and above said back-rest and having a plurality of shoulders thereon, and an extensible hanger having thereon a stop adapted to engage either of said shoulders, whereby said back-rest may be suspended at different angles of inclination.

3. In a book-holder, the combination of a supporting-frame, a book-rack having a vertically-disposed arm secured to its rear part, the upper part of said arm being bent for-

ward in a horizontally-disposed position and having a plurality of shoulders on said horizontally-disposed part, and a hanger on said frame having thereon a stop adapted to engage either of said shoulders, whereby said rack may be suspended at different angles of inclination.

4. In a book-holder, the combination of an arm 29, a brace 2 hinged to one end of said arm, a hook at the free end of the arm 29, a cross-piece secured to the free end of the brace 2, a tie connecting said free ends, a vertically-adjustable hanger secured to the arm 2 near said hinge, and a book-rack secured to said hanger by adjustable means permitting same to be tilted to different angles of inclination.

5. In a book-holder, the combination of a back-rest and a lower supporting-ledge having an upwardly-projecting pin or shoulder near its forward edge, and a wedge-shaped member acting against said shoulder and toward said back-rest for engaging an interposed book in the manner specified.

6. A book-holder comprising a back-rest, a lower supporting-ledge secured thereto, an arm secured to said back-rest, said arm having its upper part horizontally disposed and provided with a plurality of shoulders and means connected with said back-rest for holding an open book against same.

7. A book-holder comprising a back-rest, a lower supporting-ledge secured thereto, and an arm secured under said ledge and bent upwardly along said back-rest and secured thereto, said arm having its upper part bent forward to a horizontally-disposed position and crimped substantially as shown.

8. In a book-holder, the combination of a back-rest and a lower supporting-ledge, a horizontally-disposed arm secured to and above said back-rest, and a hanger having thereon a stop for supporting said arm at different points of its length and means for securing said arm against its longitudinal shifting on said stop.

Signed at Chicago this 22d day of August, 1901.

EDWIN S. ANTISDALE.

Witnesses:

WM. R. RUMMLER,
EUGENE A. RUMMLER.