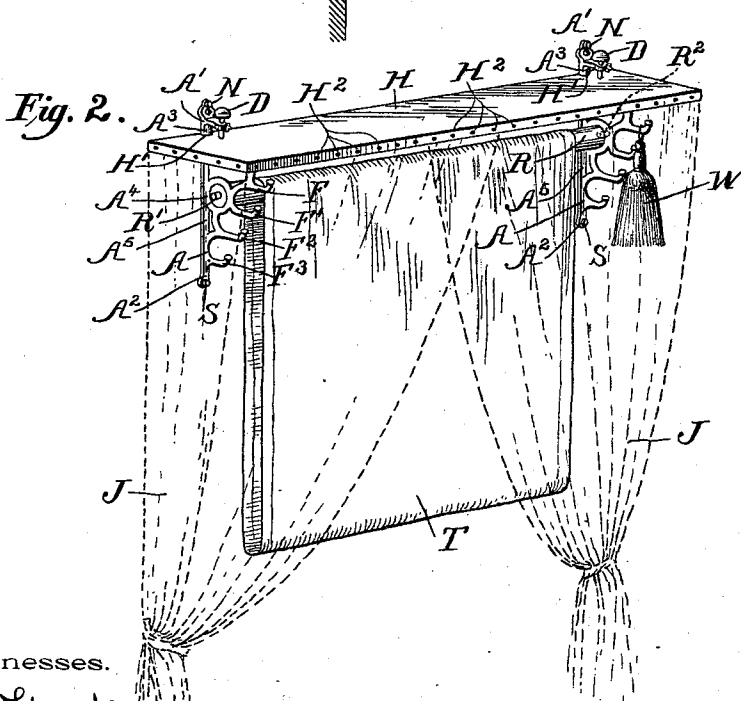
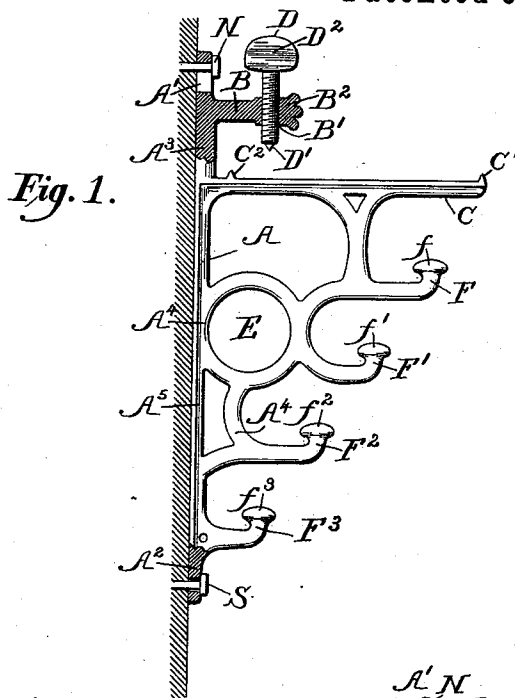


(No Model.)

I. W. HEYSINGER.
WARDROBE SHELF BRACKET.

No. 564,519.

Patented July 21, 1896.



Witnesses.

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ISAAC W. HEYSINGER, OF PHILADELPHIA, PENNSYLVANIA.

WARDROBE-SHELF BRACKET.

SPECIFICATION forming part of Letters Patent No. 564,519, dated July 21, 1896.

Application filed November 16, 1894. Serial No. 528,998. (No model.)

To all whom it may concern:

Be it known that I, ISAAC W. HEYSINGER, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have made a certain new and useful Improvement in Wardrobe-Shelf Brackets, of which the following is a full, clear, and exact description, reference being made to the drawings which accompany and form a part of this specification, in which—

Figure 1 is a vertical section of one of my wardrobe-shelf-supporting brackets cut through the middle back to the wall upon which it is supported; and Fig. 2 is a perspective view of a pair of my brackets in place and having a shelf secured thereto, a towel and roller beneath said shelf, and a whisk-broom or other article hanging from one of the wardrobe-hooks of one of said brackets.

The lettering in both the figures is uniform.

My invention consists in the construction of a bracket adapted to be hung from a nail against a wall or the like, said bracket provided with a horizontal arm projecting forwardly into the room, and at a suitable distance above it a screw-clamping arm provided with a screw by means of which the detachable shelf shown in Fig. 2 may be placed upon said horizontal arm and screwed down and securely held in place, being fixed by the pressure of the screw and suitable cleats or roughnesses, which engage with the wooden shelf and aid in securing the same, and also in providing the forward margin of said bracket with a series of blunt hooks adapted for wardrobe, kitchen, or toilet purposes, and, if desired, with a towel-roller adapted to support a towel in place between said brackets when arranged in pairs.

My invention also consists in the combination, with a pair of said brackets, of a shelf, which, when detachably secured in place to said brackets, acts as a cross-bar to mutually sustain the same against independent movement of said brackets, and chafing of the wall thereby, and also forms a secure and convenient shelf for many purposes. I also combine with this shelf, thus supported, when desired, a curtain or two curtains overlapping, which, attached to the edge of said shelf-board, will protect the articles suspended

upon the wardrobe-hooks beneath the same from dust or other injury, and in which the screw-clamping devices above said shelf shall serve as end supports for books or the like when stood up along the said shelf.

Referring to the drawings, A is a metal bracket, preferably cast, having a back piece A⁵, which rests against a wall or the like, when in use. At its upper end A' is a hole, keyhole-shaped, as shown in Fig. 2, the lower enlarged portion of which, passed over the nail N, and the bracket dropped in place, the contracted vertical upper part of said key-hole-slot A' will engage with the stem of said nail, and the enlarged head thereof will prevent accidental unfastening of said support. At the lower end of A is another hole A², which is round, and a small nail or screw S, driven therein, will hold the bracket A securely in place. In many cases, when the shelf H is used, these lower nails will not be required.

From the back plate A⁵ projects forward the horizontal arm C, which supports the shelf H, as shown in Fig. 2. I provide this arm H with small V-shaped cleats C' C² on its upper surface to prevent the shelf H from being laterally displaced when under screw-pressure. Above this horizontal arm H, at a height of about an inch, I provide another horizontal arm B, which extends outward, so as to overhang the supporting-arm H to about midway of its length.

To the free end of the upper arm B, I secure the adjustable screw, preferably by a vertical perforation B', which is screw-threaded for the reception of the vertically-reciprocating thumb-screw D, having thumb-piece D² above and a screw-threaded shank D³ below, which engages with and is seated in the screw-threaded hole B' of the arm B. B² is a terminal ornament of the arm B, which may be extended forward to form an ornamental side wall for the whole width of the shelf H, if desired.

The lower or free end of the thumb-screw D, I prefer to point, as shown at D', having a flat lower end and a center point, the latter to embed itself into the upper side of the wooden shelf H and, in conjunction with the cleats C' C², hold the same immovable under strain. Instead of applying the thumb-screw

D immediately overhead, I, if desired, make the upper clamping-arm B, hinged at its attachment to the back plate A, so as to move in a vertical plane, and I secure the thumb-screw D, so as to engage against the back plate A, and force down the movable free end of the arm B against the upper surface of the board H; but I prefer the form shown.

Beneath the horizontal supporting-arm C, I form a series of retreating blunt-pointed or knobbed hooks $F F' F^2 F^3$, having knob ends $f f' f^2 f^3$, the whole formed integral with the bracket and forming the under supporting part of the triangularly-shaped bracket A by projecting from the front thereof at various distances, as shown in the figures. In the middle of the bracket and beneath the horizontal supporting-arm H, I usually form a round hole E, though I do not always do so, and these holes in two opposite brackets, when the same are secured in place together, as shown in Fig. 2, serve as end pivot-supports for the projecting pins $R' R^2$ of the towel-roller R, which supports the towel T between said brackets, as shown in Fig. 2.

When the shelf H is used, I also, if desired, secure around its margins, by a row of ornamental nails H^2 , or otherwise, a curtain or pair of curtains J J, which thus, when dropped down, cover and protect the articles, such as coats, dresses, brushes, or the like suspended upon the hooks $F F'$, &c.

When two of these brackets are used, as shown in Fig. 2, it will be seen that the detachable shelf H is held perfectly secure by the brackets, and the brackets themselves are held perfectly secure from chafing by the shelf, so that the single loose nail-supports $N N A' A'$ are ample for all purposes, and also that these nail-supports being above the shelf H the draft or strain will be downward, so that the shelf will support securely a much heavier load than if attached merely in rear of the body of the bracket, as in the usual manner with ordinary supports for shelves. To allow the shelf to fit closely against the wall, I notch out, as shown at $H' H'$, Fig. 2, the rear margin of the shelf to fit around the shank A^3 of the back plate A^5 of the bracket, and I make this shank A^3 heavier and stronger than the lower portion of the back plate to enable it to resist the strain of the arm B and clamping-screw D upon the

shelf. $A^4 A^4$ are supporting-webs formed in the lower triangle of the bracket A to secure strength and lightness of construction.

I do not rigidly confine myself to the precise form and construction shown, but vary the same to suit special requirements, as would be done by any skilled mechanic in the manufacture of such articles.

Having now described my invention, what I claim, and desire to secure by Letters Patent, is—

1. As an article of manufacture a wardrobe-shelf bracket consisting of back plate, A^5 , horizontal supporting-arm, C, having cleats $C' C^2$, and a series of hooks, $F F' F^2$, beneath the same, and an overhanging supporting-arm, B, above said supporting-arm, and a thumb-screw, D, and a supporting-eye, A' , for said bracket, substantially as described.

2. As an article of manufacture the shelf-supporting bracket consisting of a horizontal shelf-supporting arm, a rear, vertical back plate to rest against a wall, an eye at the upper end thereof to support the same from a nail, a series of hooks rising along the front margin of said bracket triangularly from below upward, between the lower end of said back plate and the forward end of said horizontal shelf-support, a towel-roller-supporting hole between said hooks and said back plate, and an overhanging arm above said shelf-supporting arm, and a thumb-screw therein adapted to engage with and compress the said shelf upon said shelf-support, substantially as described.

3. In combination with a detachable shelf-piece, two or more brackets having wardrobe-hooks along their free forward margins, a back plate adapted to be secured to the wall for each of said brackets, a horizontal shelf-support at the upper portion of each of said brackets, a thickened shank-piece rising along said wall above said shelf-supports of each bracket, a forwardly-projecting arm extended forwardly above said detachable shelf-piece, and a vertically-reciprocating thumb-screw in said arm, adapted to clamp or release said shelf-piece, substantially as and for the purposes described.

ISAAC W. HEYSINGER.

Witnesses:

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