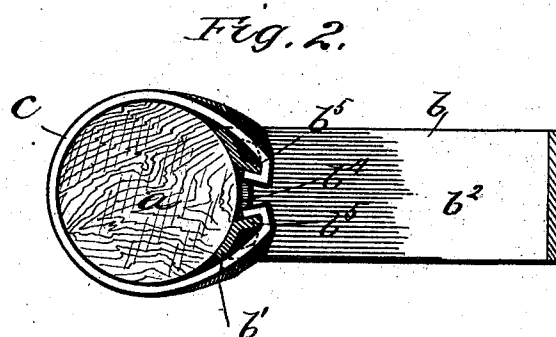
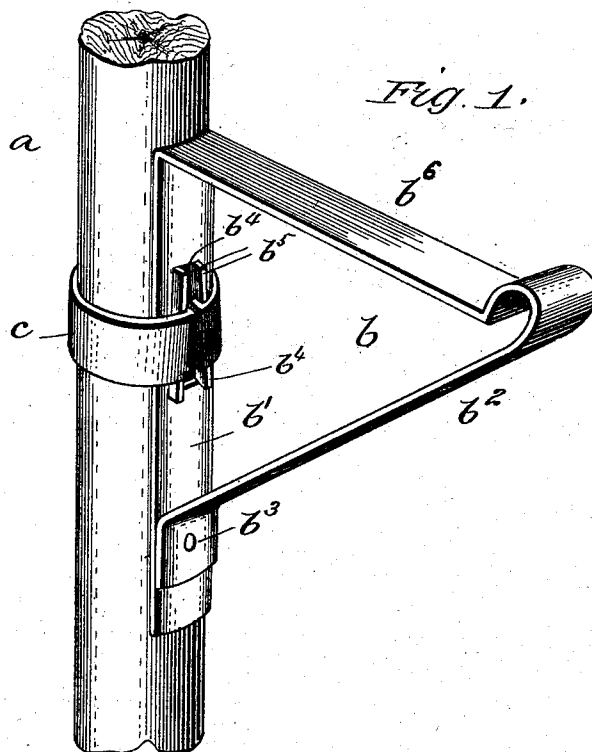


(No Model.)

S. R. SCOTTRON.
SUPPORTING BRACKET.

No. 505,008.

Patented Sept. 12, 1893.



Witnesses

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UNITED STATES PATENT OFFICE.

SAMUEL R. SCOTTRON, OF BROOKLYN, NEW YORK.

SUPPORTING-BRACKET.

SPECIFICATION forming part of Letters Patent No. 505,008, dated September 12, 1893.

Application filed May 13, 1893. Serial No. 474,111. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL R. SCOTTRON, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Supporting-Brackets, of which the following is a specification, reference being had therein to the accompanying drawings, in which—

Figure 1 is a perspective view of my improved bracket and Fig. 2 a horizontal section taken through the securing ring.

This invention is designed to produce an improved supporting bracket, which is adapted for ready vertical adjustment on its support and in which the weight of the shelf or other article placed on the bracket is utilized to create the necessary friction to hold the bracket securely in its adjusted positions, the use of nails, screws, &c., which weaken and disfigure the support, being obviated.

The invention is very simple and will be readily understood by reference to the accompanying drawings, in which, *a* is the vertical support which, in this instance, is a round bar or pole, but which may be rectangular, or otherwise shaped, if desired.

The bracket, proper, *b* is formed of a single band of metal, formed into an open triangle, consisting of the vertical part *b'*, the horizontal part *b''* and the oblique part *b'''*, the ends of the bands being riveted together at *b³*. The vertical part *b'* is preferably formed concaved to fit the convex surface of the supporting bar and be thereby prevented from shifting sidewise out of a vertical line. A vertical wedge-shaped slot *b⁴* is formed in the vertical part of the bracket, the side-edges of the slot converging upwardly and being bent outwardly, away from the support, to form the oblique flanges *b⁵*, extending the full length of the slot. As shown, these flanges incline slightly toward each other.

The securing or clamping device consists of a thin band or ring of metal *c*, which surrounds the supporting bar and partly embraces the vertical bar of the bracket, the two ends of the band being turned inwardly and engaged over the converging flanges of

the slot, as shown. It will be observed that this manner of holding the bracket not only causes the inner bar of the triangular support to bear closely throughout its length against the supporting bar, whereby the bracket will be firmly braced and steadied, but it also enables the band to grasp the bracket firmly, the flanges on the bracket preventing the ends of the band defacing the support. It will also be seen that by fastening the ends of the band over the bar of the bracket the breaking strength of the band is utilized, thereby enabling me to use a very thin flexible band.

It will be observed that the weight of the shelf or other article placed on the bracket will, by depressing the same, draw the two ends of the thin band toward each other and thereby frictionally clamp the support, the greater the weight the greater being the clamping action of the band. To loosen the band to adjust or remove the bracket it is simply necessary to raise the bracket slightly while holding the band still, which action will cause the band to expand sufficiently to release the support.

It will be observed that this invention obviates the use of fastening devices which weaken and deface the standard.

Having thus fully described my invention, what I claim is—

The combination of a support, a triangular bracket having its vertical bar adapted to closely fit against the support, said vertical bar being provided with a wedge-shaped opening tapering upwardly, the side edges of this opening being bent outwardly to form flanges, and a band embracing the support and partially embracing the vertical bar of the bracket, the ends of the band being bent down over the converging flanges and terminating short of the adjacent face of the support, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

SAMUEL R. SCOTTRON.

Witnesses:

MINNIE I. CHURCH,
D. W. MULLIGAN.