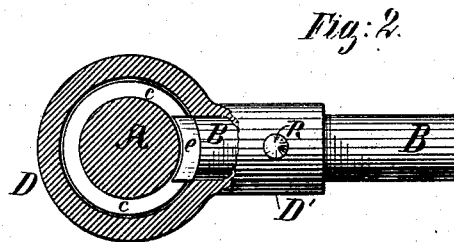
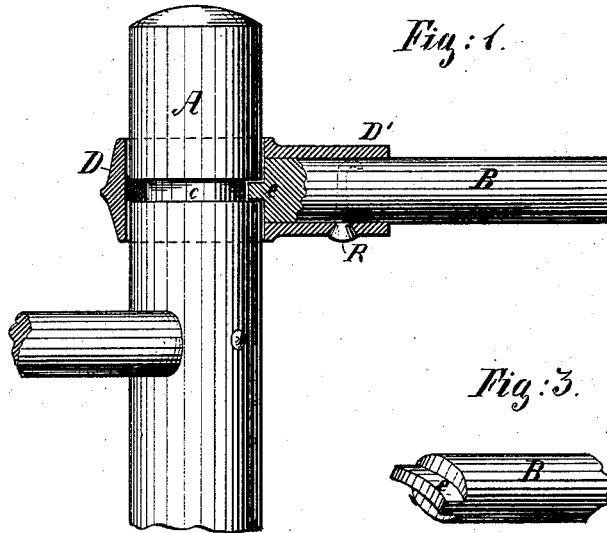


J. P. MALLETT.  
Clothes-Bar.

No. 216,621.

Patented June 17, 1879.



WITNESSES  
George H. Rix  
J. H. Pettibone

INVENTOR  
James P. Mallett.  
Per Wm. E. Dayton  
Atty.

# UNITED STATES PATENT OFFICE.

JAMES P. MALLETT, OF CHICAGO, ILLINOIS, ASSIGNOR TO RICHARD W. MONTROSS, OF GALEN, MICHIGAN.

## IMPROVEMENT IN CLOTHES-BARS.

Specification forming part of Letters Patent No. 216,621, dated June 17, 1879; application filed November 12, 1878.

### *To all whom it may concern.*

Be it known that I, JAMES P. MALLETT, of the city of Chicago, in the State of Illinois, have invented certain new and useful Improvement in Clothes-Bars; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to a novel form of joint for hinging the bars of clothes-frames directly to the posts, and is intended as an improvement upon the joint shown and described in Reissue Letters Patent to John N. Valley, No. 5,176, dated December 3, 1872.

My invention consists in a clothes-bar joint constituted by a tongue formed on the end of the bar, a circumferential groove in the post to receive the tongue, and a band surrounding the post and secured to the bar, by which the tongue is held in the groove, whereby the bar is allowed to rotate about the post.

Figure 1 is a vertical section of the socketed eye, showing the circumferential groove in the post and the tongue of the inserted bar therein. Fig. 2 is a horizontal section of the post through the groove and of the metal eye in the same plane. Fig. 3 is a perspective view of the tongued end of a bar detached.

A is a cylindrical post of the usual dimensions, provided with any desired number of circumferential grooves *c* throughout its length for the support of the hinged ends of the several hinged bars.

B is a bar, on the hinged end of which is formed the tongue *e*, preferably fitted to enter the groove *c* closely.

D is a cast-metal eye or collar, of proper size to drop over the post freely, and broad enough to bear upon the post on both sides of the groove *c*.

D' is a socket cast solidly with the eye D, of size to tightly hold the bar B, and projecting far enough and in such direction as to hold the bar at right angles with the post.

The parts are joined by first slipping the eye over the post in position to cover the groove *c*, and while it is in this position the tongued end of the bar is forced into the socket D' until the tongue *e* rests, as shown, in the groove *c*.

The bar is permanently held in place by the rivet R or other suitable means.

This form of joint allows the fullest and freest rotation of the bar upon the post, and if the socketed eye is of proper strength the bar and post will be sustained in their relative position by the full strength of their material.

I am aware that a clothes-bar joint has heretofore been made having a socketed sleeve encircling the post and holding one end of the bar, and having a slot running part way round said sleeve for the insertion of a pin to be driven into the post to constitute the joint. That device differs from mine in the way of making the joint, which in that case is constituted by the slotted sleeve and pin, and in my case by the circumferential groove in the post and the tongue formed on the end of the bar.

The structure of the joint shown herein is not only cheaper than in the case referred to in the cost of the parts, but also cheaper in the cost of putting them together.

Having thus described my invention, I claim and desire to secure by Letters Patent—

The improved joint for clothes-driers herein described, consisting of the post A, provided with circumferential groove *c*, the sleeve D, encircling the post and provided with a socket, D', and the bar B, inserted and fastened in said socket and provided with the flat tongue *e* to project into the groove *c* in the post, for the purpose set forth.

In testimony that I claim the foregoing as my invention I affix my signature in presence of two witnesses.

JAMES P. MALLETT.

Witnesses:

M. E. DAYTON,  
P. ELBOOKEY.