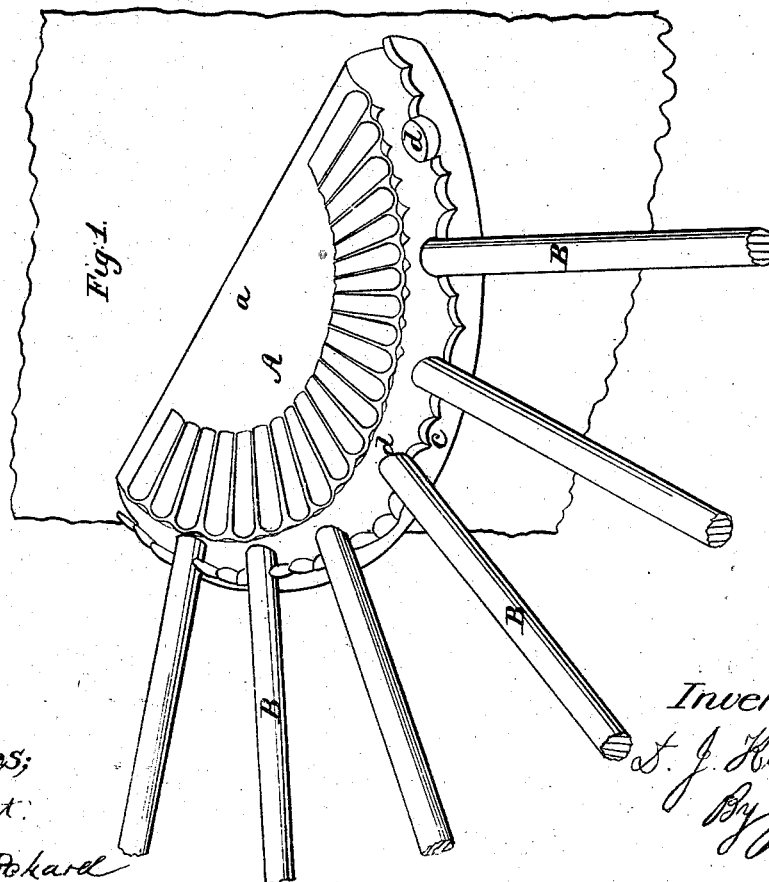
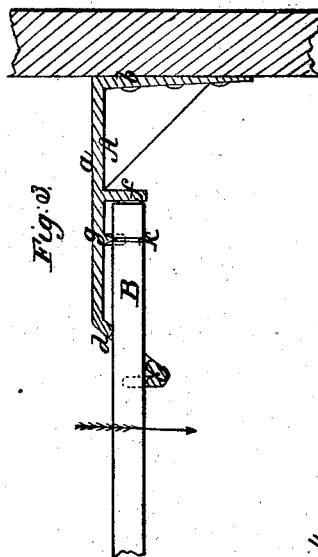
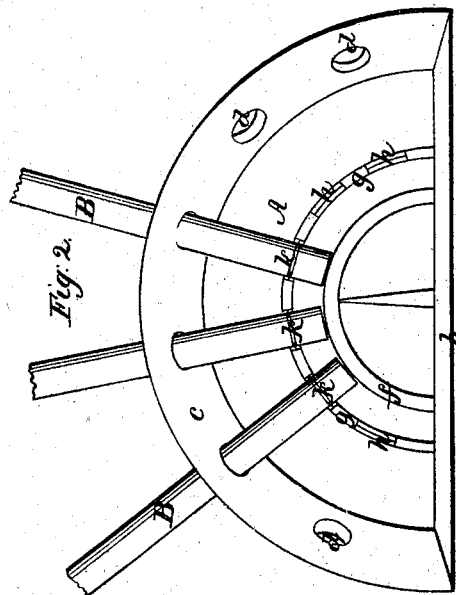


D. J. Kellogg
Clothes Dryer.

N^o 48183.

Patented Jun. 13. 1865.



Witnesses;
Jay Hoyatt.
S. L. Rickard

Inventor;
S. J. Kellogg.
By J. Fraser & Co.
Attys.

UNITED STATES PATENT OFFICE.

D. J. KELLOGG, OF ROCHESTER, NEW YORK.

IMPROVED CLOTHES-DRIER.

Specification forming part of Letters Patent No. **48,183**, dated June 13, 1865.

To all whom it may concern:

Be it known that I, D. J. KELLOGG, of Rochester, in the county of Monroe and State of New York, have invented a new and useful Improvement in Combined Bracket and Clothes-Bars; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making part of this specification.

Figure 1 is a perspective view of my improved device; Fig. 2, a bottom view of the same; Fig. 3, a central vertical section; Fig. 4, a diagram showing the means of holding the bars in place.

Like letters of reference indicate corresponding parts in all the figures.

My improvement is of that class where the clothes-bars are attached at the side or wall of a room.

Various devices of this kind have been employed. In one a bracket or support is secured to the wall, with bars jointed or hinged thereto in such a manner as to radiate to sustain the clothes, or to turn up against the wall when not in use. In another a mantel or shelf is employed with the bars radiating from a common axis, and turning under the shelf when not in use; and still in a third a sort of case is attached to the wall, with bars that draw up endwise before they are extended. In general arrangement my improvement resembles these devices, for I employ a bracket and bars radiating therefrom, although the latter differ from the others, inasmuch as they are removable from the bracket when not in use, instead of being folded up or elevated.

My invention consists in the particular arrangement, in combination with the bracket and bars, of a stop and sharp-edged flange on the under side of the bracket for retaining the bars in place under all circumstances when extended.

As represented in the drawings, A is the bracket, and B B the radial bars.

The bracket may be made in any ornamental form desired, either semicircular, segmental, square, or rectangular, retaining only the following essential requisites, viz.: a horizontal base, *a*, to receive any object placed thereon, a vertical flange, *b*, for screwing to the wall, and an inclined or vertical rim, *c*, or equivalent flanges in front, having holes *d d* to receive the bars.

On the under side of the bracket is situated

a stop-flange, *f*, at a suitable position, and a little distance in front of this a similar flange, *g*, having sharp-edged sockets, depressions, or notches *h h*, Figs. 2 and 4, to receive the ends of the bars.

The bars B B are simply elongated rods of suitable length, the only peculiarity about them being that their inner ends have grooves or notches *k k* cut around them, as clearly indicated in Figs. 2 and 3. By this arrangement the bracket serves as an ornamental stand on which to place any article—such for instance, as a clock. It can be so made that the holes *d d* give it a pleasing effect. The clothes-bars can be inserted or removed at pleasure. When in use they do not interfere in the least with the article or articles resting on the bracket, and when not in use they can be removed and packed away, leaving the bracket alone.

The especial feature of my invention consists in the employment of the flanges *f* and *g* on the under side of the bracket. The former serves as a stop to the ends of the bars, so that when the bars have been inserted far enough their ends will strike and arrest the motion. The latter serve to retain the bars when they are inserted. By resting in the sockets it will be perceived that any lateral motion of the bars will be avoided, and at the same time, by the sharp edges of the sockets fitting in the notches *k k* of the bars, it will be seen that outward or withdrawing motion will be avoided, especially when the bars are loaded. By this means the whole strength of the bars is also preserved, for I avoid making the notches in the latter at the point *d*, where the greatest leverage and strain come, but locate them inside, where, even if they should break at that point, the bars would still be sustained.

I do not claim, simply and broadly, a bracket with folding or detachable bars, as I am aware that the same is not new; but

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

The stop and retaining-flanges *f g*, in combination with the bracket A and clothes-bars B, substantially as herein specified.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

D. J. KELLOGG.

Witnesses:

R. F. OSGOOD,
JAY HYATT.