A. C. COONS.

SHELF.

APPLICATION FILED NOV. 23, 1908.

916,273. Patented Mar. 23, 1909.

Fig 1

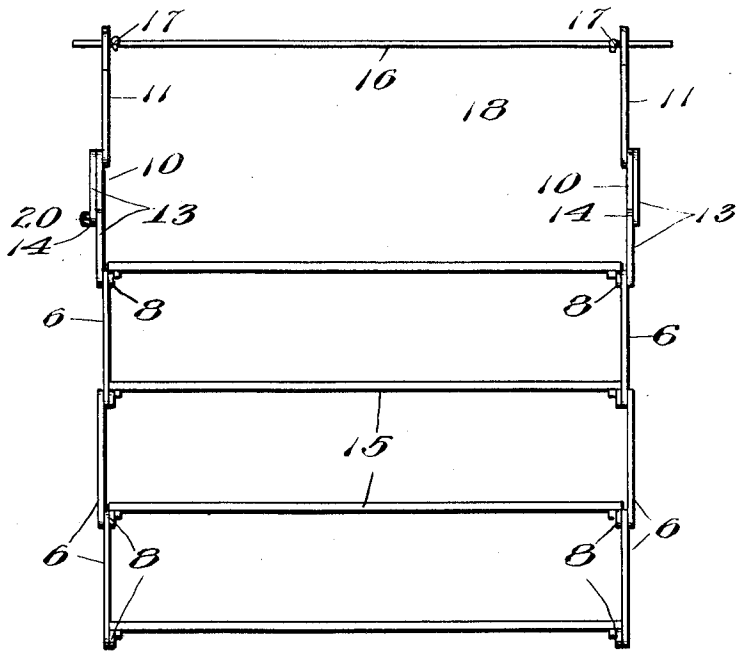


Fig 2

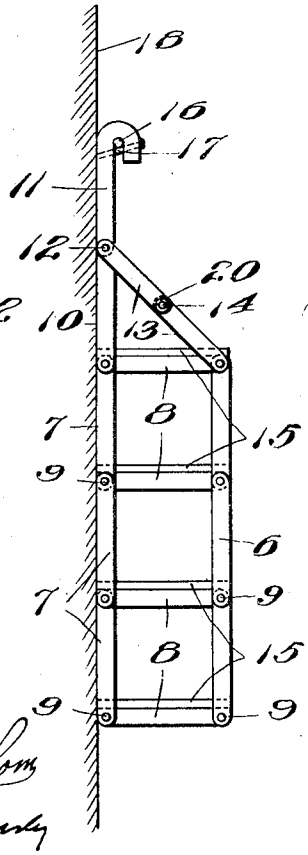
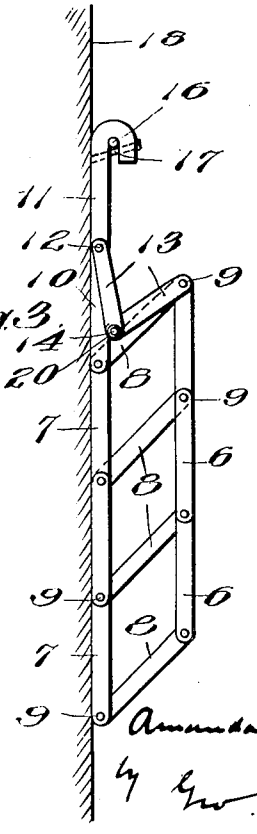


Fig 3



Witnesses

Geo. E. Thom

Arthur Morley

Inventor

Amanda C. Coons

By

Geo. E. Thom

Attorney

UNITED STATES PATENT OFFICE.

AMANDA C. COONS, OF MUIR, KENTUCKY.

SHELF.

No. 916,273. Specification of Letters Patent. Patented March 23, 1909.

Application filed November 23, 1908. Serial No. 464,099.

To all whom it may concern:

Be it known that I, AMANDA C. COONS, citizen of the United States, residing at Muir, in the county of Fayette and State of Kentucky, have invented certain new and useful Improvements in Shelves, of which the following is a specification.

This invention relates to hanging shelves, and comprises particularly a folding bracket for supporting a set of hanging or swinging shelves wherever desired. The bracket comprises a frame formed of bars or parts pivoted together, with a hook at the back whereby it may be hung from a rod or the like, and the arrangement is such that the brackets and shelves when not in use may be folded up to occupy but little space.

The manner of construction of the device will be more fully evident from the following description, in view of the accompanying drawings in which—

Figure 1 is a front elevation of the brackets and shelves supported thereby; Fig. 2 is a side elevation; Fig. 3 is a similar view with the parts folded.

The brackets may be made any length or height desired according to the number of shelves to be supported. Each bracket consists of front vertical bars 6 and rear vertical bars 7, with horizontal bars 8, the ends of all these bars being connected by pivots 9 whereby they may be turned with respect to each other to form either a rectangular frame or to bring the bars in close relation to each other. Connected to the top of the upper rear bar 7 is a bar 10 which is in turn connected to a hook 11 by a pivot 12, which also serves to connect one end of a jointed brace consisting of two bars 13 pivoted together at 14, and connected at its front or lower end to the upper end of the top front bar 6. This produces a frame all the members of which are connected by pivots so that they can be swung or folded to close relation, but which in consequence of the brace 13 will be supported in rectangular position when desired.

The shelves 15 are laid on the cross bars 8 of two or more of the brackets so described. The brackets are conveniently supported by means of a rod 16 resting on two nails 17 which may be driven into a wall 18. Or the hooks may hang on nails in joists overhead, or be otherwise supported.

When it is desired to swing or fold the shelves close to the wall, the braces 13 are flexed at the joints 14, allowing the front bars 6 and the cross bars 8 to be swung up and in toward the wall where they may be fastened by any convenient device, for instance, a thumb nut at one of the pivots, as shown at 20. The shelves 15 may, if necessary, be removed before the brackets are folded up, but they can be folded to a considerable extent without removing the shelves. And when the devices are taken down for moving or storing the same the parts may be folded together to occupy very little space, the shelves of course being removed.

The invention enables a set of shelves to be quickly put up and taken down, and will be found very desirable where shelves have to be moved at any time, as from one house to another. For a shelf which hangs from overhead, the hooks 11 can be offset over the middle of the shelves, so that they will hang level.

I claim:

The combination of a pair of brackets each comprising front and rear vertical bars, horizontal cross bars connecting the front and rear bars, all of said bars being pivoted together, a hook connected to the upper end of the rear bar, a folding pivoted brace connecting the hook and the front bar, and removable shelves resting on said horizontal bars.

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

AMANDA C. COONS.

Witnesses:

MARGARET MCELHONE,

CHARLES FENNELL.