

C. SCHERMERHORN.

Towel-Racks.

No. 145,367.

Patented Dec. 9, 1873.

Fig:1.

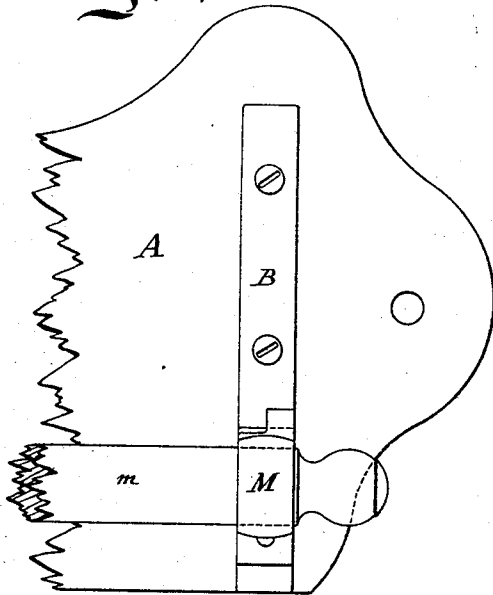


Fig:3.

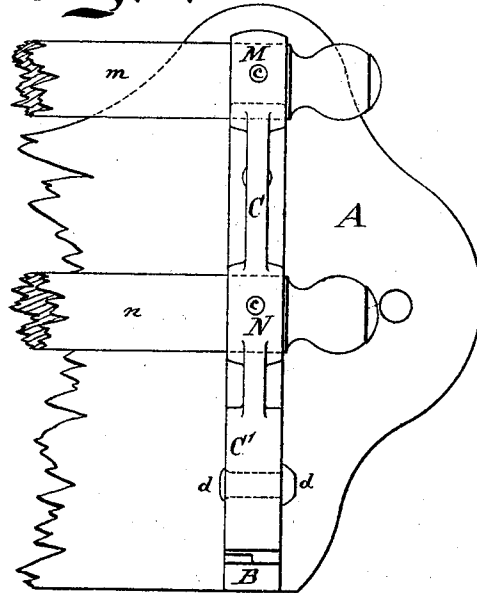


Fig:2.

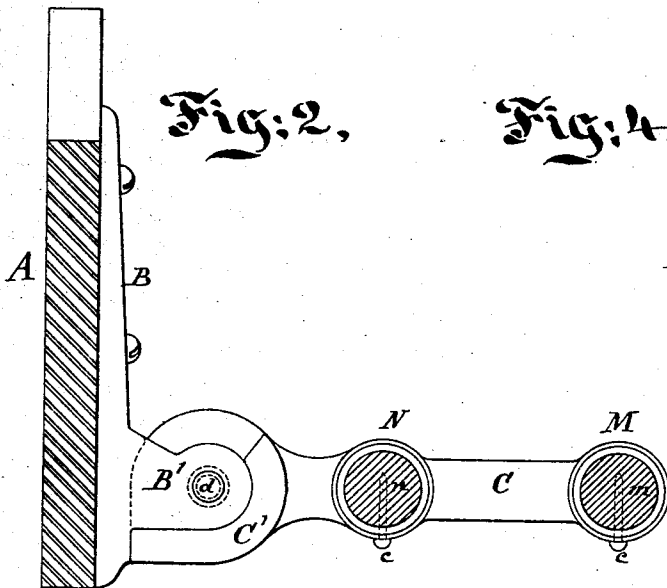
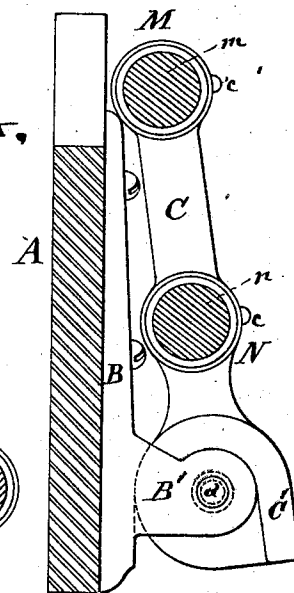


Fig:4.



Witnesses:

Amos Hornum.
Wm C. Day.

Inventor:

C. Schermerhorn,
by his atty J. S. Stetson.

UNITED STATES PATENT OFFICE.

CHARLES SCHERMERHORN, OF NEW YORK, N. Y.

IMPROVEMENT IN TOWEL-RACKS.

Specification forming part of Letters Patent No. **145,367**, dated December 9, 1873; application filed June 28, 1873.

To all whom it may concern:

Be it known that I, CHARLES SCHERMERHORN, of New York city, in the State of New York, have invented certain Improvements relating to Towel-Racks, of which the following is a specification:

I make metal-hinged parts peculiarly matched together and embracing slats or bars of wood, which are introduced to complete the rack. The construction is adapted to be fixed on a wall or other vertical support, and with a folding part adapted to towels or analogous articles when horizontally extended, and to be put out of the way by lifting and turning upward a little past the vertical position.

The following is a description of what I consider the best means of carrying out the invention.

The accompanying drawings form a part of this specification.

Figure 1 is a front view, and Fig. 2 is a vertical section, of the completed device with the hinged portion extended to support the articles to be dried. Fig. 3 is a front view; and Fig. 4, a section representing the device in its folded condition.

Similar letters of reference indicate like parts in all the figures.

A is a board, preferably of black walnut or other fashionable wood, and shaped by machinery or otherwise in a tasty form. B C are two metal parts connected by the pivot *d*.

It will be understood that there are two sets of these peculiar hinges, and that the bars extend across and connect the two into one frame capable of being folded up or drawn down, and thus extended, as convenience may dictate.

Wooden slats or runs *m n* are inserted in corresponding holes formed in open skeleton swells or loops M N in the part C, and held against endwise motion by nails or screws *c*. C' is a broad projection formed on one face of the part C, and partially inclosing the center piece B', which extends out from the part B. When the folding part of the device is extended one end of the projection C' serves as an abutment or stop to prevent the frame from sinking farther. When the frame is folded upward and inward as far as it can go, the other edge of the stop C' may serve as an

abutment to arrest the motion; or, if preferred, the folding frame may be allowed to incline backward until the uppermost swell or loop M strikes against the hinge B, or against the board A.

It is important that the hinged center *d* be held at a sufficient distance from the face of the board A to allow the frame not only to be folded up into a perpendicular position, but a little beyond that position. In other words the frame C M N *m n* must be a little inclined inward, so that gravity shall keep it in its folded position independent of the friction which the hinges may offer, which latter is evidently unreliable as a means of holding the device up after long use.

The hinged pieces, independently of the slats, are peculiar in their stops C' and loops M N with the holes through the latter, and thus differ from ordinary hinges.

I propose to manufacture and sell the hinged pieces adapted to receive the slats *m n*, and also to supply the article completed by the attachment of the hinges upon suitable boards A, and supplying suitable slats or rungs *m n*.

Although I have shown only two of the loops M N, and only two corresponding slats, it will be obvious that three or a larger number may be used, if preferred. There may also be more than two of the metallic hinged pieces; or a device may be used with some success with only one set of such pieces, by allowing the slats *m n* to extend through and project about equally on each side of such single set.

I claim as my invention—

1. The hinges B B' C C', the latter being provided with loops M N, and with the center *d* held out from the wall or board A, as herein specified.

2. The completed frame-work described, having the connecting-board A and slats *m n*, in combination with one or more of the hinges B B' C C' *d* M N, and adapted to serve as and for the purposes herein specified.

In testimony whereof I have hereunto set my hand this 27th day of June, 1873, in the presence of two subscribing witnesses.

CHARLES SCHERMERHORN.

Witnesses:

WM. C. DEY,
ARNOLD HÖRMANN.