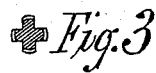
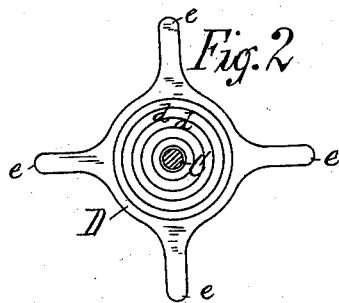
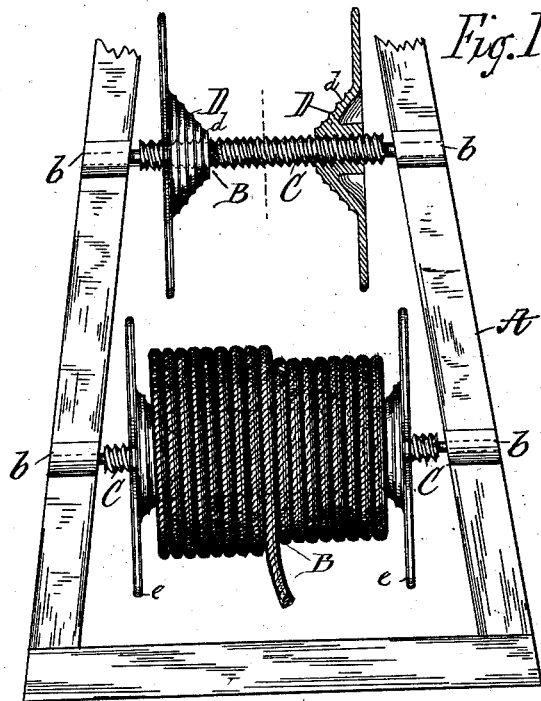


A. C. MASON.
Rope-Reel.

No. 216,485.

Patented June 10, 1879.



Witnesses
E. R. Hoffman
N. Fowler.

Inventor
Alvin C. Mason
By Bradley & Co.
Attys.

UNITED STATES PATENT OFFICE.

ALVIN C. MASON, OF CHICAGO, ILLINOIS, ASSIGNOR TO BENJAMIN F. FELIX,
OF SAME PLACE.

IMPROVEMENT IN ROPE-REELS.

Specification forming part of Letters Patent No. **216,485**, dated June 10, 1879; application filed
February 17, 1879.

To all whom it may concern:

Be it known that I, ALVIN C. MASON, of Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Rope-Reels; and I hereby declare the following to be a full, clear, and exact description thereof, which will enable others skilled in the art to which my invention appertains to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a front elevation of a rope-reel embodying my invention. Fig. 2 represents an inside view of one of the flanges or heads of a spool, and Fig. 3 represents a modification of the screw-threaded axle of the spool.

Like letters of reference indicate like parts.

The object of my invention is to provide a rope-reel for use in retail stores, upon which may be arranged spools of different sizes for containing different sizes of rope, and so that the rope may be unwound as desired from the respective spools; and my invention consists in the construction and combination of the several parts of the spool, as hereinafter described and claimed.

In the drawings, A represents the rack, which is held in an inclined position by means of a depending brace hinged to the back side of the upper end of the rack, and connected to the lower end of the rack by means of a tie-rod, in the usual manner.

B B represent the spools, each of which is journaled in suitable bearings *b b*, attached to the front side of the side rails of the rack, as shown in Fig. 1, and are so arranged as to allow the spools to be readily removed therefrom.

The axle or body C of the respective spools B is screw-threaded, or may be formed with sectional thread, as shown in Fig. 3.

The inner faces of the flanges or heads D D of the spools are made cone-shaped, and provided with a series of circular ribs or corrugations, *d*, concentric with axle C, so as to fit within the varied sized openings in the ends of coils of rope.

The heads or flanges D D are provided with a screw-threaded opening through the centers thereof, corresponding with the thread of the axle, and are adjustably arranged upon the body or axle of the spool, so that they may be moved to or from each other, and so as to fit against the ends of a coil of rope arranged upon the spool, and hold the rope firmly in position.

The flanges or heads D are constructed with projecting arms *e*, which also rest against the outer end of the coil of rope, and may be used as handles or levers for the purpose of turning the flange or head to or from any desired position upon the axle.

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

In a rope-reel, the combination, with the screw-threaded axle C, of the adjustable heads D, provided with arms *e*, and having conical inner faces provided with circular ribs or corrugations *d*, substantially as and for the purpose specified.

ALVIN C. MASON.

Witnesses:

G. R. HOFFMAN,
N. COWLES.