March 27, 1928. 1,663,836

N. HALL

CARPET ROLLER

Filed June 11, 1926

Fig. 1

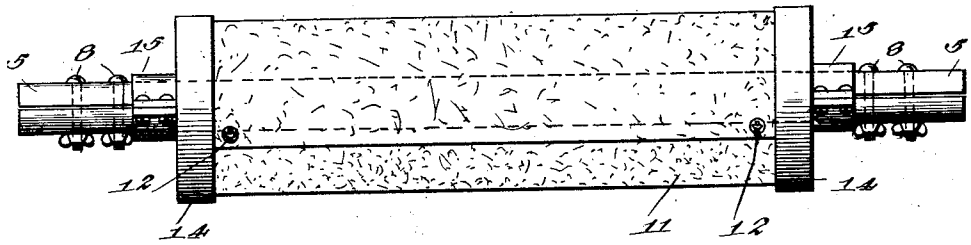


Fig. 2.

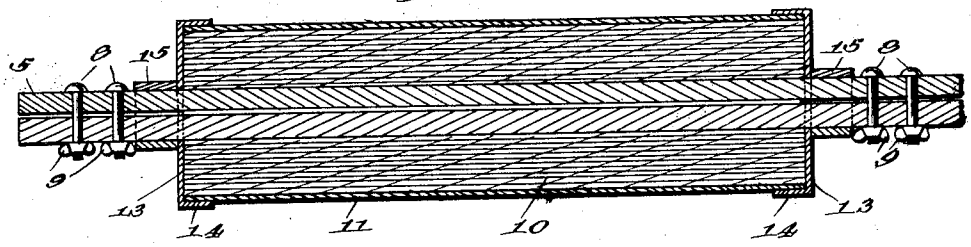


Fig. 3.

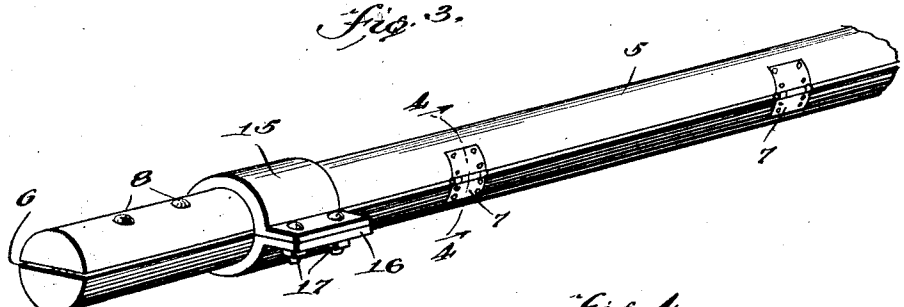
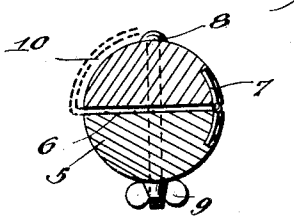


Fig. 4.



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UNITED STATES PATENT OFFICE.

NATHANIEL HALL, OF ANNAPOLIS, MARYLAND.

CARPET ROLLER.

Application filed June 11, 1926. Serial No. 115,227.

My invention relates to devices upon which carpet, rug, or similar articles can be rolled for the purpose of storing the same.

An object of my invention is to provide a device of this character which is adapted for use with various size rugs and carpets and which is dust and moth proof and at the same time compact and easy to handle.

Another object is to provide a device of this character which is simple in construction, durable, and inexpensive to manufacture.

Other objects and advantages will present themselves after a consideration of the following detailed description together with the accompanying drawings forming part hereof, in which

Figure 1 is a side elevational view of my invention showing the same in its complete or assembled form.

Figure 2 is a longitudinal sectional view thereof.

Figure 3 is a perspective view of one end of the split pole, and

Figure 4 is a sectional view taken on a line 4—4 of Figure 3.

Referring now to the drawings, for the purpose of illustration I have shown my invention comprising a cylindrical pole 5, split longitudinally as at 6, to form two sections and of sufficient length to correspond with the usual size rugs or carpets. These sections are secured to each other at one side by means of hinges 7 so that the free side of the sections may swing open and shut. The hinges are counter-sunk in the outer surface of the pole for the purpose hereinafter explained.

At each end of the pole I provide a pair of bolts 8 which are inserted in openings carried in each section of the pole, said bolts having wing-nuts 9 by which the sections may be securely held together.

When it is desired to roll a rug or carpet for storing, the sections of the pole are swung open and one end of the carpet is placed therebetween and then closed. The bolts 8 are then inserted and the two sections tightly secured by the wing-nuts. The carpet is then rolled about the pole in a neat and compact manner.

It will be noticed that the carpet may be rolled over the hinges without showing the imprint thereof or being otherwise injured since the hinges are set in below the surface of the pole. When this has been done the carpet 10 which is shown in Figure 2, is covered with a canvas or similar covering 11, which is intended to encircle the roll of carpet one or more times, and the ends of the covering are then secured to each other as by means of buttons or snaps 12. I provide a pair of end plates 13, adapted to abut the ends of the carpet roll and having a central opening for receiving the pole and an annular flange 14 which fits over the ends of the carpet and canvas covering. In order to hold the end plates in position I provide a pair of sectional collars 15 which snugly fit about the pole 5, and are arranged to bear against said plates. Each section of the collar has shoulders 16 provided with openings for receiving bolts 17 so that the collar may be tightly secured against said plates and thus prevent lengthwise movement of the parts along the pole.

When the parts have been assembled the ends of the poles which protrude beyond the edge of the carpet form convenient handles for carrying the same.

While I have shown a preferred form of my invention it is obvious that certain changes in the construction may be made without departing from the spirit of the invention or the scope of the appended claim, and I accordingly claim as my own all such forms of the invention to which I am entitled.

I claim:

In combination, a longitudinally split pole having its sections hingedly connected with bolts removably extending through each end thereof for securing the sections in closed position, said pole constituting a roller about which to support a quantity of fabric in roller position, a pair of plates arranged on the pole provided with inwardly extending flanges adapted to overlap the edges of the fabric and a pair of split collars mounted on the pole outwardly of said plates having shoulders formed thereon providing clamping means for securing the collars in adjusted position on the pole.

In testimony whereof I affix my signature.

NATHANIEL HALL.