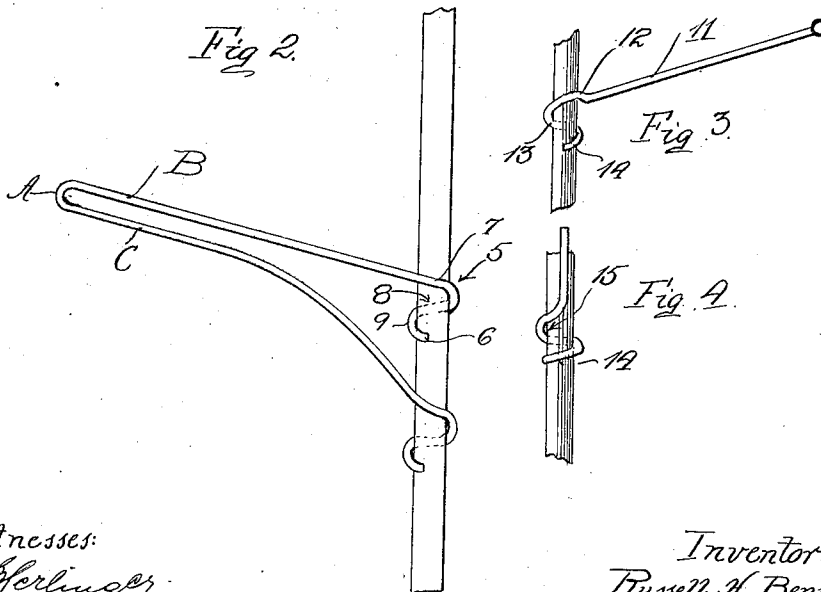
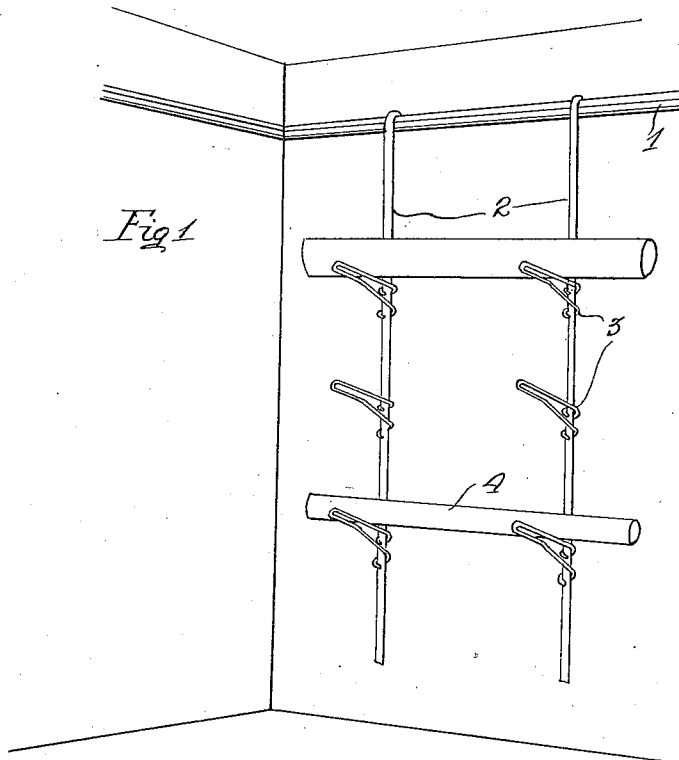


R. H. BENNETT.
MAP RACK.
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1,014,861.

Patented Jan. 16, 1912.



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UNITED STATES PATENT OFFICE.

RUSSELL H. BENNETT, OF LOS ANGELES, CALIFORNIA.

MAP-RACK.

1,014,861.

Specification of Letters Patent.

Patented Jan. 16, 1912.

Application filed September 7, 1910. Serial No. 580,929.

To all whom it may concern:

Be it known that I, RUSSELL H. BENNETT, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented a certain new and useful Map-Rack, of which the following is a specification.

This invention relates to a supporting device for rolled documents, drawings, maps, designs, etc., and has particular reference to an adjustable wall rack, adapted for all sizes of rolled papers.

One of the primary objects of this invention is to eliminate the necessity for filing maps and drawings in compartment cases and thereby to prevent tearing consequent on the repeated removal and replacement of the same in their respective tiers.

Another object of this invention is to provide a simple, compact and cheap device for supporting rolled articles, which may be hung in any convenient place, and which may be adjusted to meet all requirements of small and large rolls.

Another most important object of this invention is to provide a rack from which the pegs or holders may be readily and quickly removed and as speedily replaced without the necessity heretofore encountered, of sliding the same along the supporting bars and off of the ends or removing pegs or holders from containing sockets or orifices, it being a further object of the invention to provide pegs that may be adjusted relatively to the support, without removal therefrom, yet which may always be connected with the support.

With these and other objects in view this invention consists of the features and details of construction separately and in combination described in connection with the accompanying drawings and then more particularly pointed out in the claim.

In the drawings—Figure 1 is a perspective view of a rack embodying the invention, showing the same hung from the molding. Fig. 2 is a perspective view showing a fragment of the supporting rod and a peg or holder thereon. Fig. 3 is a perspective view of a modified form showing only a single pieced peg or holder, and Fig. 4 is a front elevation of the same.

From the molding 1 in a room are hung two or more rods 2 the distance between them being determinable by the length of the maps or other rolled documents. On

said rods are pegs or holders 3, severally consisting of a strand of steel wire or other resilient metal, bent upon itself at A to form two parts B and C of unequal length, the upper part B being perfectly straight and rigid, and forming the rest or support for the maps 4, and the lower part C being bowed away in a gradual arc from the point of its contiguity with the upper part B, and forming a yielding support for the upper part B and weighty maps and rolls, while also serving to produce a locking wedge action on the rods 2, as will appear more fully hereinafter. Each end of the conjoined strand forming the parts B and C is provided with a contiguous whirl 5, the extremity 6 of which terminates on a line approximately vertical with the incipient point 7 of the whirl, leaving between said extremity 6 and such incipient point 7, an opening 8, whereby the holder may be readily placed on the rod 2. When pressure is brought to bear upon the upper part B of the bent strand, the lower part C thereof is caused to expand relatively to said upper part, increasing thereby the curvature of the arc of said lower part and causing the end 9 of the whirl, which embraces approximately one-half of the supporting rod 2, to be frictionally wedged or bound to the said rod by the torsion incident to the yielding tendency of the lower member.

During the compressive action of a weight upon the upper member B of the strands, the whirl in which such member terminates, frictionally binds on the rod 2, which extends through the loop 8 of the whirl. To release the holders from the rods, the two members are pressed together, removing thereby the torsional twist of the whirl on the rods, leaving the lower spring member C free to assume its normal position, which action causes the upper member to simultaneously move upwardly, freeing thereby its whirled end from frictional engagement with the end. In such released position, the holder may be moved relatively in the rod, and as is obvious, to any position desired, either vertically or horizontally.

In Figs. 3 and 4 the holder is shown to consist of but one strand of wire or other resilient metal 11, which forms a rest or support for maps and like rolled articles. The rear of said strand is bent outwardly relatively to the horizontal axis of the strand, as seen at 12, then downwardly upon

itself as seen at 13 and finally inwardly as
seen at 14, the curvature of the rear end of
said strand forming substantially a whirl.
In placing the holder upon the rod 2, the
5 loop end 15, formed by the bends 12 and 13
is slipped over the rod. Thereupon by a
twisting movement of the strand the curved
terminus 14, which conforms to the curva-
ture of the rod, is brought nearly in contact
10 therewith, and the strand then pressed
downwardly by its free end, which action
forces the initial bend 12 in snug contact
with the rod. The removal is effected in
the same way reversed.
15 What I claim is:
A holder comprising a strand of resilient
wire bent upon itself to form two parts of
unequal length and having their free ends
bent downwardly and outwardly and finally
inwardly to form a gripping means for a 20
suitable support, the longer of said two parts
extending parallel with the other part for a
short distance of its length and then curving
downwardly and away from the said other
part to form a yielding support therefor, 25
such longer part being expansible relatively
to said other part and the support.
In testimony whereof I affix my signature
in the presence of two witnesses.

RUSSELL H. BENNETT.

Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."