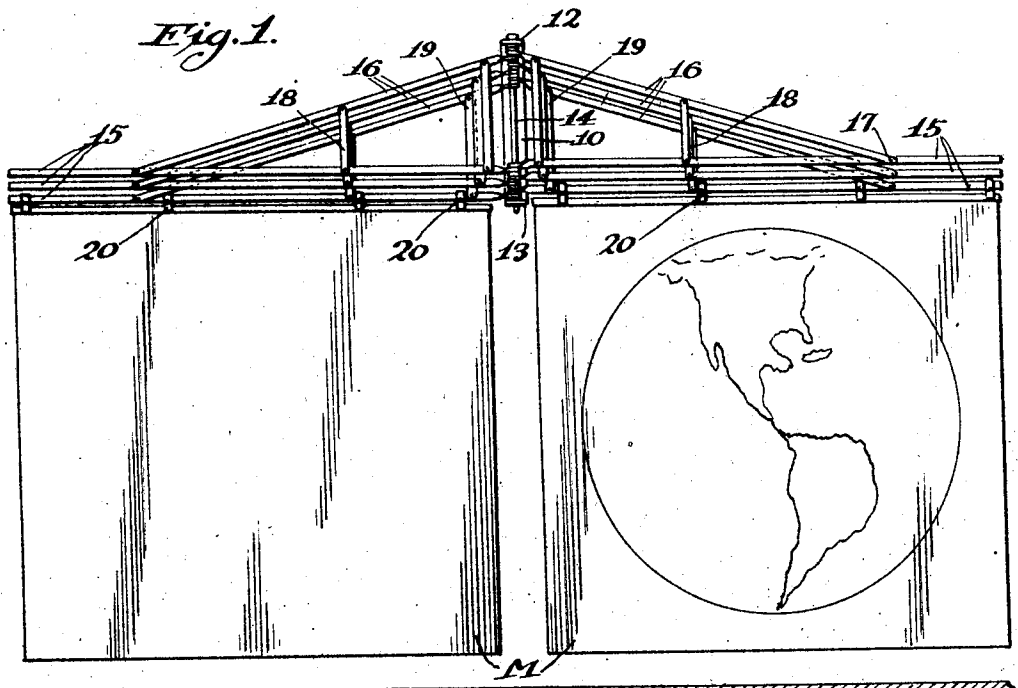
Sept. 14, 1926. 1,599,888

W. E. HASKELL

MAP HOLDER

Filed July 22, 1925

Fig. 1.



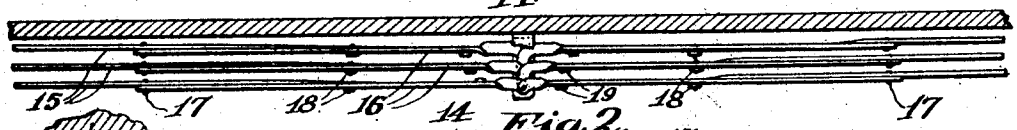


Fig. 2.

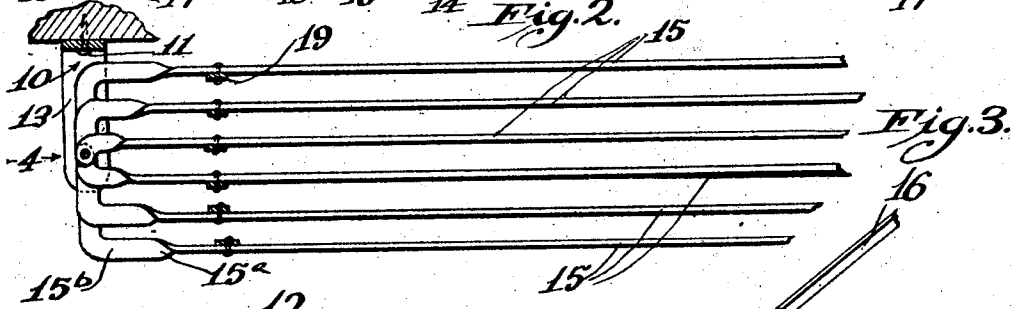


Fig. 3.

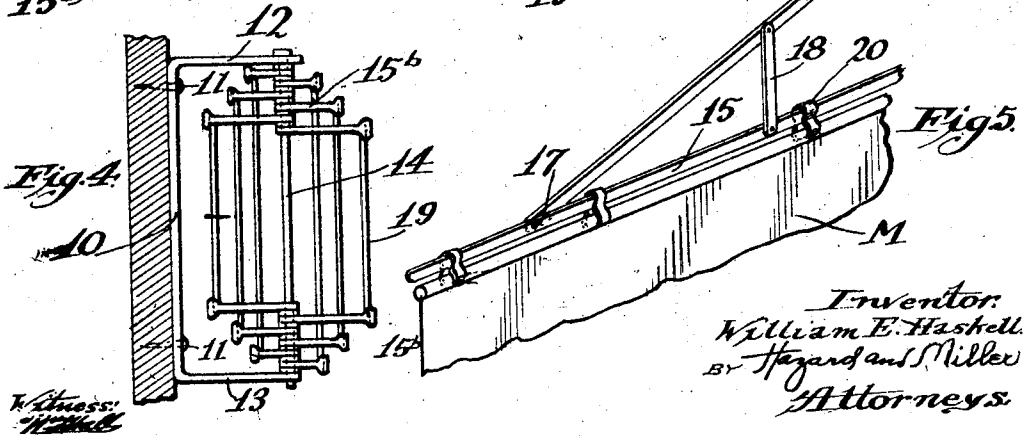


Fig. 5.

Fig. 4.

Witness:

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UNITED STATES PATENT OFFICE.

WILLIAM E. HASKELL, OF LOS ANGELES, CALIFORNIA.

MAP HOLDER.

Application filed July 22, 1925. Serial No. 45,252.

This invention relates to improvements in map holders and the like, and is an improvement over the map holder shown in my prior Patent No. 1,429,874, issued Sept. 19, 1922.

An object of this invention is to provide an improved map holder, more compact and more rigid in construction than the map holder disclosed in my prior patent.

A further object of this invention is to provide a map holder having an angular spindle or pintle upon which the map supporting arms are pivoted and upon which the braces for the arms are also pivoted. The arms and braces are so arranged and so constructed that they may assume spaced parallel positions so that the maps supported thereby may hang freely therebetween without interference with one another.

With the foregoing and other objects in view which will be made manifest in the following detailed description and specifically pointed out in the appended claims, reference is had to the accompanying drawings for an illustrative embodiment of the invention, wherein:

Figure 1 is a front elevation of the improved map holder,

Fig. 2 is a top plan view of the map holder as shown in Fig. 1,

Fig. 3 is a horizontal section through the map holder showing the arms in that position in which all of the arms are occupying spaced parallel positions,

Fig. 4 is a side elevation of the map holder and may be considered as taken in the direction of the arrow 4 upon Fig. 3, and

Fig. 5 is a partial perspective view of one of the arms illustrating one manner of attaching a map thereto.

Referring to the accompanying drawings wherein similar reference characters designate similar parts throughout, the improved map holder consists of a bracket 10 which may be attached to a suitable support, such as a wall, by means of nails or screws 11. The top and bottom ends of the bracket 10 are bent forwardly, as indicated at 12 and 13, to provide projecting extensions, through which the pintle 14 extends. Rotatably mounted upon the pintle 14 are a plurality of arms 15 which are angular in form and are arranged one above the other. These arms constitute the supports for the maps M. Angular braces 16 are also pivoted upon the pintle 14 and are connected to their respective arms 15, as indicated at 17, as by rivets or the like. Suitable struts 18 and 19 also connect the angular braces 16 to their respective arm. The braces and arms are preferably formed of flat metal strips which are twisted, as indicated at 15^a, and are then bent at approximately a right angle, as at 15^b. The lengths of the angular extensions upon each of the arms varies upon the arms which are arranged on opposite sides of the pintle 14, so that the arms 15 can occupy spaced parallel positions, as shown in Fig. 3, in which no arm will be located directly beneath another.

The maps M which may be fastened to the arms as by suitable clips 20 can hang freely between the arms in such collapsed position of the map holder, which is quite an advantage in manipulating the holder over constructions in which the arms are arranged radially from the pintle 14. Although the drawing illustrates the inclined braces 16 as being above the arms 15, it is obvious that the complete map holder can be turned over, so that the braces 16 will be located beneath the arms 15 and tend to support them. This use of the map holder may be found desirable where it is wished to support the maps in an elevated position upon a wall and some projection upon the wall would otherwise interfere with the upper arm 12 of the bracket.

It will be understood that various changes in the detail of construction may be made without departing from the spirit or scope of the invention as defined by the appended claims.

I claim:

1. A map holder comprising a bracket having forwardly extending arms, a pintle mounted upon said arms, map supporting arms pivoted upon said pintle between the arms on the bracket, and braces pivoted upon said pintle between the arms on the bracket, said braces having their outer ends secured to the map supporting arms.

2. A map holder comprising a pintle, means for mounting said pintle upon a support, angular arms pivoted upon said pintle, angular braces pivoted upon said pintle and secured to their respective arms, said arms being so arranged that they may be swung into spaced parallel positions, no arm being directly beneath another arm.

3. A map holder comprising a pintle, arms

pivoted upon said pintle adapted to support maps and the like, and braces pivoted upon said pintle and secured to said arms.

4. A map holder comprising a pintle, arms pivoted upon said pintle adapted to support maps and the like, braces pivoted upon said pintle and secured to said arms, and struts secured to said arms and to said braces.

5. A map holder comprising a bracket having its top and bottom bent forwardly, a pintle mounted upon the forwardly extending ends of the bracket, angular arms pivoted upon said pintle adapted to support maps and the like, angular braces pivoted upon said pintle and secured to said arms, and struts connected to said arms and braces, said arms and braces being so constructed that they are capable of assuming spaced parallel positions.

6. A map holder comprising a support, angular map supporting arms pivoted upon said support, one above the other, rigid angular braces pivoted upon said support, one above the other, and having their ends secured to said map supporting arms, said map supporting arms and braces being so arranged that they may assume spaced parallel positions in which no arm is directly below another arm.

In testimony whereof I have signed my name to this specification.

WILLIAM E. HASKELL.