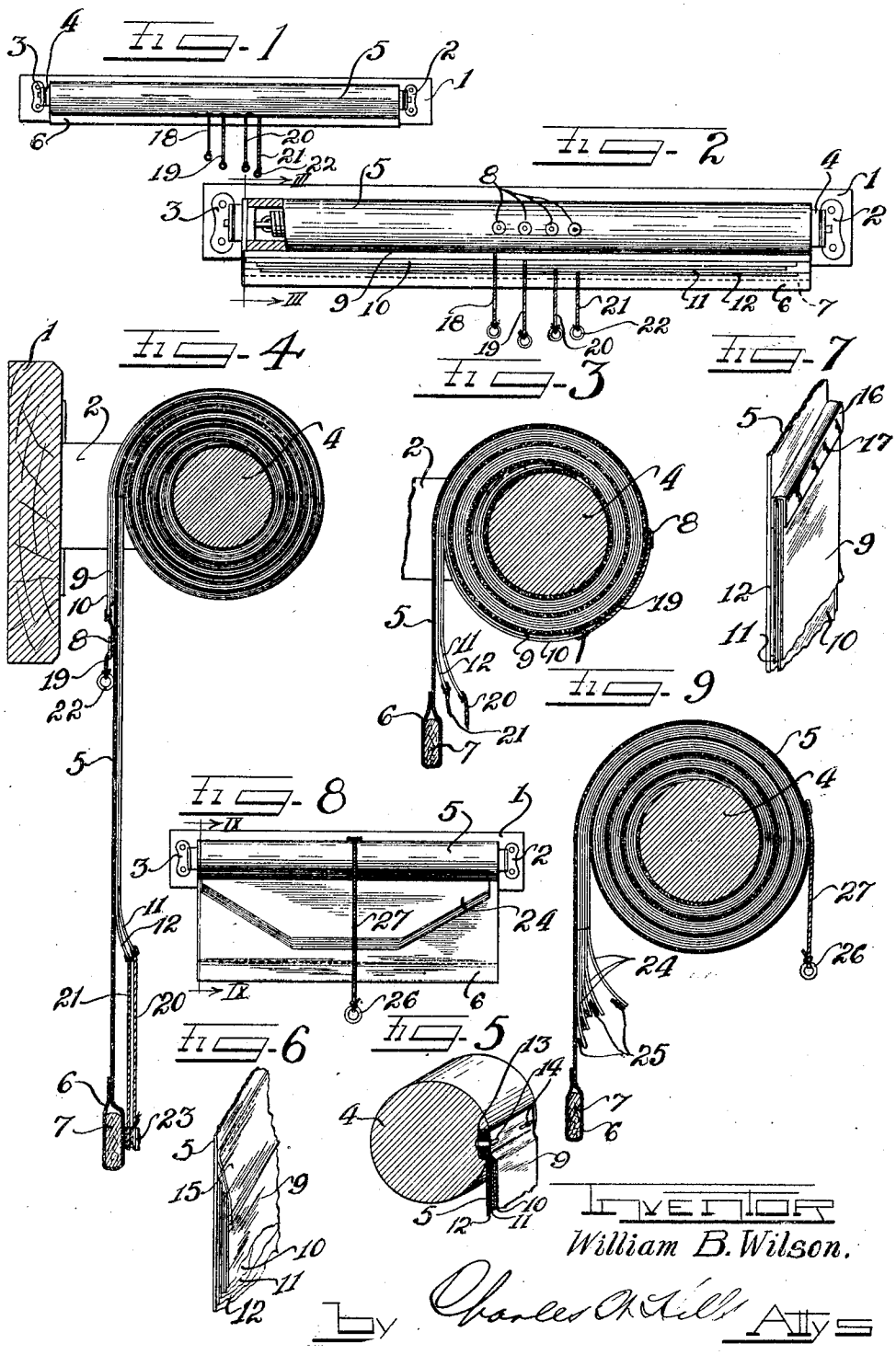
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MULTIPLE MAP HOLDER

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# UNITED STATES PATENT OFFICE.

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## MULTIPLE-MAP HOLDER.

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This invention relates to a multiple map holder and more particularly to a holder in the form of a window shade or curtain with which a plurality of maps are adapted to be associated so that any selected map may be conveniently displayed by simply pulling down the curtain.

It is an object of this invention to provide a roller curtain having a plurality of maps or the like associated therewith and having latching means thereon whereby the respective maps may be connected with the curtain to roll up therewith for the purpose of displaying a selected map.

It is also an object of this invention to provide a roller type shade or curtain having a plurality of maps attached to the curtain roller or to the curtain, with each of said maps having attaching means adapted to be secured to latching means upon the curtain so that the map directly behind the one attached to the curtain may be disclosed to view when the curtain is pulled down.

It is a further object of this invention to provide a roller type curtain having a plurality of maps, charts, or the like associated therewith in superimposed relation with each of said maps, having connecting means whereby anyone or number of the maps may be connected to the curtain to roll up or unroll therewith to permit a selected map or chart to be disclosed to view when the curtain is pulled down.

It is furthermore an object of this invention to adapt a common roller type curtain or shade as a support for carrying a plurality of superimposed maps, charts, or the like in a predetermined relation with the curtain so that any selected map may be displayed by connecting the map preceding the one to be displayed to a latch on the curtain so that when the curtain is pulled down, the desired map will be displayed while the maps in front of the same will be carried around to the back of the curtain.

It is an important object of this invention to provide an improved combination of a roller curtain with a plurality of maps, charts, or the like, whereby any one of the maps may be selected for display by simply pulling down the curtain after the map in front of the one to be displayed has been connected by suitable means to a member carried on the body of the curtain and conveniently accessible when the curtain is rolled up.

Other and further important objects of this invention will be apparent from the disclosures in the specification and the accompanying drawings.

This invention (in a preferred form) is illustrated in the drawings and hereinafter more fully described.

On the drawings:

Figure 1 is a front elevation of a combination curtain and map holder embodying the principles of this invention, with the curtain rolled up to its full extent displaying a plurality of cords, one for each of a plurality of maps or the like associated with the curtain.

Figure 2 is an enlarged front elevation illustrating the usual spring roller by the fragmentary section and also showing the curtain pulled down a slight amount to disclose the lower ends of the maps and the associated cords, together with latching members secured to the body of the curtain and adapted to have the respective cords engaged thereon.

Figure 3 is an enlarged transverse section taken on line III—III of Figure 2, with parts broken away and illustrating the initial step in the displaying of a selected map.

Figure 4 is a similar section of the device illustrating the curtain pulled down a certain amount to illustrate the location of the maps located in front of the one which is to be displayed. Figure 4 also discloses a modified arrangement whereby the map cords may be secured to retaining hooks carried by the curtain stick.

Figure 5 is a fragmentary transverse perspective view of the curtain roller illustrating one method of securing the curtain and a plurality of maps to said roller.

Figure 6 illustrates a fragmentary perspective view with a portion of a curtain having a plurality of maps or the like attached directly to the body of the curtain instead of to the roller as illustrated in Figure 5.

Figure 7 is a fragmentary perspective view of a curtain having a plurality of maps

or the like attached thereto by modified means.

Figure 8 is a front plan view of a combination curtain and map support, illustrating the modified arrangement whereby the maps may be removably connected with the curtain for the purpose of displaying a selected map when the curtain is pulled down.

Figure 9 is an enlarged transverse section taken on line IX—IX of Figure 8 and illustrating the modified means for connecting the respective maps to the body of the curtain.

As shown on the drawings:

The reference numeral 1 indicates a mounting board wall or any suitable support having mounted thereon in spaced relation roller supporting brackets 2 and 3 of any standard type for removably receiving and supporting a curtain roller 4 in position. Attached to the standard curtain roller 4 is one end margin of a standard shade or curtain 5, the other end margin of which is provided with a hem 6 through which the curtain stick 7 is engaged. The curtain is adapted to be rolled up on a spring roller 4 in the customary manner and said curtain may be provided with a cord, chain or ring to facilitate lowering and raising of the curtain. Secured by means of rivets or other suitable means to the back face of the lower portion of the curtain 5 are a plurality of latch disks 8 or any other desired type of latching or connecting means for a purpose hereinafter more fully described.

Associated in superimposed relation with respect to one another upon the front surface of the curtain 5 are a plurality of different maps, charts, or the like, designated by the reference numerals 9, 10, 11 and 12. The upper end margins of the respective maps are seated in superimposed relation upon the upper end margin of the curtain 5 and fit into a longitudinal groove 13 in the roller and are secured to said roller by means of pins 14 or other suitable attaching devices.

If preferred, as illustrated in Figure 6, the upper end margins of the maps 9 to 12 inclusive may be secured directly to the upper end portion of the curtain 5 beneath a retaining flap 15 or the like, or as illustrated in Figure 7, the upper end margins of the maps may be secured in an inverted U-shaped binding 16 by means of fasteners 17 or the like.

Connected to the maps 9, 10, 11 and 12 respectively are cords 18, 19, 20 and 21, each of which has a label bearing ring 22 attached to the end thereof. The cords attached to the maps may be ordinary cords or may be made of elastic. As illustrated in Figure 4, the map cords 18 to 21 inclusive may be made of elastic and shortened to permit the rings 22 to be removably engaged on one or more hooks 23 secured to the curtain stick 7 thereby causing the lower ends of the maps to be retained in close association with the front face of the curtain 5.

Figures 8 and 9 illustrate a modified form of the device in which the roller curtain 5 has the upper end margins of a plurality of maps or charts 24 attached to the curtain roller or to the body of the curtain, with said maps being in superimposed relation with respect to one another and having a button or latch disk 25 secured to the back face thereof adapted to be engaged by a label carrying ring 26 tied or secured on the end of an elastic cord 27 which is connected to the rear face of the curtain 5.

The operation is as follows:

With a roller curtain 5 equipped with a plurality of superimposed maps, charts, or the like, the roller may be supported in suitable brackets 2 and 3 mounted in any suitable selected position within an automobile or upon the wall of a room where it is desired to use the improved multiple map holder. In the type of map holder illustrated in Figures 1 to 3 inclusive, each of the different maps 9 to 12 inclusive is provided with a cord carrying a ring adapted to labeled to indicate the name of the map directly behind the one carrying the respective label. It will thus be noted that the second cord 19 will carry a ring giving the name of the map 11 which is directly in back of the map 10. By this arrangement any desired map may be disclosed by simply pulling down the curtain 5. Under ordinary normal conditions when the curtain is rolled up, the map cords hang as illustrated in Figures 1 and 2 and if the curtain is pulled down, the uppermost or top map 9 will be disclosed to view.

In case it is desired to see map 11 when the curtain is pulled down and have maps 9 and 10 out of the way, it is only necessary when the curtain is rolled up to take the curtain cord 19 hanging from map 10 and wind the same around one of the latch disks 8 as illustrated in Figure 3. The curtain may now be pulled down disclosing map 11 since maps 9 and 10 are held latched to the curtain and pass downwardly in back of the curtain as the curtain is pulled down. If as illustrated in Figure 4, it is desired to hold the lower ends of the maps against rolling upwardly upon themselves, the cords 19 to 21 may be constructed of elastic and provided with rings adapted to be engaged on hooks 23 attached to the curtain stick 7. When this arrangement is used, it will of course be necessary to unlatch the respective map cords from the hooks 23 of the maps which are rolled up over the back of the curtain in order to display a certain selected map.

In the form of the device illustrated in Figures 8 and 9, the operation is substan-

tially the same, except that the various maps carry buttons or latched disks 25 while the back of the curtain has attached thereto an elastic cord 27 and a ring 26. When it is desired to display a certain map, the elastic cord 27 is stretched to permit the ring 26 to be engaged upon the latch button 25 immediately above or to the outside of the map which is to be displayed. This arrangement will cause the maps connected to the curtain by the cord 27 to pass over the back of the curtain when the same is pulled down, thereby permitting the desired map to be properly displayed for inspection.

Attention is also called to the fact that while the various forms of the device illustrated in the drawings show the maps attached to either the curtain roller or to the body of the curtain, it will of course be understood that the upper ends of the superimposed maps may be placed in associated relation with the curtain and roller without securing the same in place, since the upper end of the curtain when rolled will act to hold the maps in place. The improved multiple map holder is so constructed that no tensional strain is applied to the various maps when the same are displayed, since all operating strains are applied to the curtain 5 which when operated causes the maps to move therewith.

While the device disclosed is described as being adapted for the display of automobile road maps, it will of course be understood that geographic maps, charts, tariff sheets, and the like, may be mounted in position in association with a plain roller type curtain or shade so that anyone of the charts carried by the curtain may be disclosed to view by latching the charts in front of the selected one to the latch member or members carried on the back of the curtain. If desired, the lower exposed margins of the various maps or charts may be stamped or lettered to designate the name of the map or may carry indicating tabs of any selected form. By this arrangement, the various maps or charts may be easily selected and the proper map cord may be readily engaged over one of the latch disks 8 to permit the display of the selected map when the curtain is pulled down.

I am aware that many changes may be made, and numerous details of construction may be varied through a wide range without departing from the principles of this invention, and I therefore do not purpose limiting the patent granted hereon, otherwise than necessitated by the prior art.

I claim as my invention:

1. The combination with a roller type curtain, of a plurality of superimposed charts associated with the curtain and adapted to roll up and unroll therewith, a latch member secured to the curtain and a member on each of the respective charts adapted to be selectively engaged with said latch member to permit a selected chart to be displayed when the curtain is pulled down.

2. The combination with a roller curtain, of a plurality of display charts positioned to one side of the curtain to permit them to move therewith and means adapted to secure a selected number of said charts to the curtain so that they will pass downwardly in back of the curtain when the same is lowered thereby effecting the display of a selected chart on the front of the curtain.

3. A multiple sheet holder comprising a roller, a curtain attached thereto, a plurality of superimposed sheets carried by the upper portion of the curtain, means secured to the back of the curtain and members carried by the sheets adapted to be selectively engaged with said means to permit a desired sheet to be displayed when the curtain is lowered.

4. A multiple sheet holder comprising a roller, a curtain attached thereto, a plurality of superimposed sheets secured in position adjacent the front side of the curtain, supplemental securing means on the rear face of the curtain, and means on the lower end of each of said sheets adapted to be selectively secured to said supplemental securing means to cause the display of the desired sheet when the curtain is lowered.

5. The combination with a roller curtain, of a plurality of sheets adjacent the front face thereof, securing means on the rear face of the curtain and label carrying members on each of said sheets adapted to be selectively engaged to said securing means to permit a selected sheet to be displayed to view when the curtain is lowered.

6. The combination with a roller curtain, of a plurality of sheets connected thereto and means for causing a selected number of said sheets to roll over the back of the curtain when the same is lowered and thereby effect the display of a selected sheet.

7. The combination with a roller curtain, of a plurality of sheets associated therewith in superimposed relation, securing means carried by the curtain and members carried by the respective sheets adapted to be removably engaged with said securing means whereby all of the sheets in front of a selected sheet may be carried upwardly and then downwardly in back of the curtain as the curtain is lowered to display the selected sheet in front of the curtain.

8. A multiple sheet carrying and display device comprising a spring roller, a curtain attached thereto, securing means on the back of the curtain, a plurality of superimposed sheets positioned and normally carried by and adjacent the front face of the curtain to be rolled up or unrolled therewith, a connecting member on the lower end

of each of said sheets and adapted to be selectively engaged on said securing means to cause certain of the sheets to pass over the back of the roller and hang in back of the curtain thereby permitting the display of the desired sheet in the front of the curtain when the curtain is pulled down.

9. The combination with roller of a plurality of reference sheets associated therewith and carried thereby, means causing a selected member of said reference sheets to pass over and in back of the roller as the remaining sheets are pulled downwardly thereby effecting the display of the desired sheet free from the obstruction of the sheets normally superimposed upon it.

In testimony whereof I have hereunto subscribed my name at Chicago, Cook County, Illinois.

WILLIAM B. WILSON.