

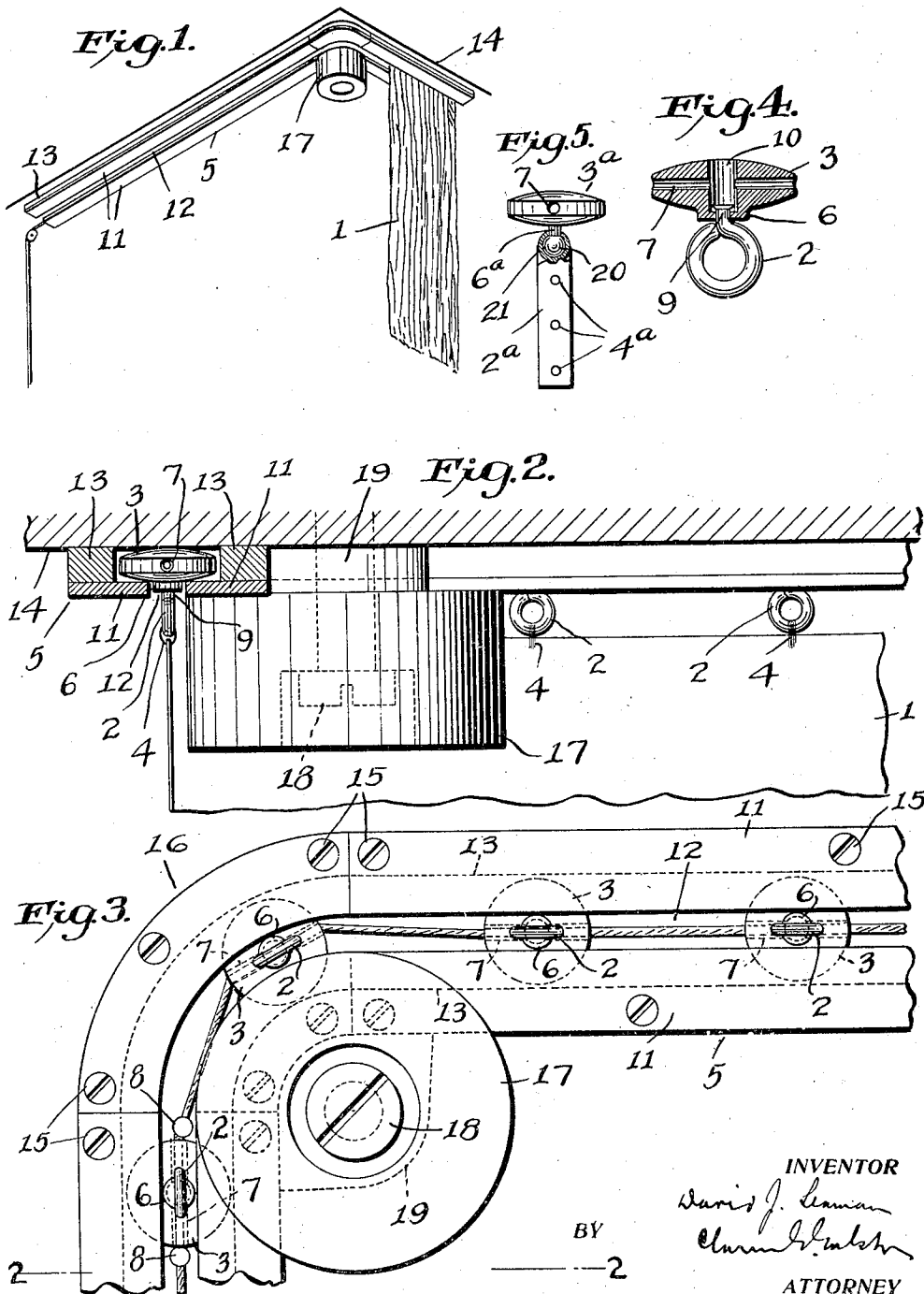
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CURTAIN SUITABLE FOR USE IN STORE FIXTURES

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CURTAIN SUITABLE FOR USE IN STORE FIXTURES.

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To all whom it may concern:

Be it known that I, DAVID J. SEAMAN, a citizen of the United States, and a resident of Saginaw, in the county of Saginaw and State of Michigan, have invented a new and useful Improvement in Curtains Suitable for Use in Store Fixtures, of which the following is a full, clear, and exact description.

The invention relates to curtains suitable for use in store fixtures, display windows and elsewhere, and the object is to provide improved means for suspending, guiding and operating the same. The improvements comprise a novel style of sliding curtain hanger or fastener, and combinations therewith including a channel track and a drawstring, affording a simple and neat construction and an efficient suspension for the curtain, and securing smooth and easy operation by avoiding canting of the hangers in the track and facilitating turning of the corners; a further feature in this connection is the provision of a device at the corner of the track for guiding the top of the curtain itself, thereby, particularly in the case of heavy curtains, relieving a substantial amount of strain on the drawstring and eliminating a tendency to bind which would otherwise exist.

Other features, aspects and advantages of the invention will suggest themselves from a consideration of the preferred embodiment hereinafter described and illustrated in the drawings, forming a part hereof.

In said drawings:

Fig. 1 is a schematic perspective view of a section of a curtain suspended according to the invention;

Fig. 2 is an enlarged side view, showing the top of the curtain only;

Fig. 3 is a bottom plan view, with the curtain omitted;

Fig. 4 is a vertical sectional view of one of the hangers; and

Fig. 5 is an alternative construction of a hanger and curtain fastening means.

The reference numeral 1 designates the curtain, which is secured or connected to the eyes or attaching members 2 of the hangers 3, by stitching or other means 4.

The hangers 3 have button bodies designated by the same numeral, more especially lenticular bodies, as shown, which by reason of their curved horizontal section and their curved top and bottom faces, are adapted to

slide easily in the track 5, either in straight stretches or around corners, without tendency to roll in the guide and because of their general flatness permit the track to be of slight depth.

Formed diametrically through the buttons, midway of their depth, is a horizontal drawstring opening 7. The first button 3, at the front or traveling end of the curtain, is secured to the drawstring by knotting or other means 8, the drawstring being free to move through the other buttons.

The downwardly projecting eye members 2 are disposed centrally of the buttons 3, and are swiveled on the buttons so as to be capable of turning thereon upon their vertical axes. This is preferably accomplished by forming a small vertical opening in the lower portion of the button, to receive rotatably the short vertical stem 9 of the eye, and a larger counterbore 10 extending downward from the top, to afford a recess in the bottom of which the upper end of the stem is upset to support the eye. The swivel, it will be observed, is below the drawstring opening, and consequently does not interfere with the drawstring when passed there-through.

The swiveling of the attaching members 8 on the buttons is of substantial advantage in avoiding strain and binding or awkward hanging of the curtain, at corners.

The track 5 is preferably formed of horizontal plates 11 separated from each other by a bottom slot 12, and spacer strips 13 set farther apart than the plates and interposed between them and the ceiling or other top support 14, the parts being secured together and in place by screws 15. With the track thus constructed, the buttons 3 slide freely in the shallow space between the part 14 and the supporting ledges formed by the inward projections of the plates 11, above and below, and between the spacers or side guides 13, on either side. The hubs 6 ride in the slot 12, by which, also, guidance is afforded, and the members 2 project downward through the slot to receive the curtain. Manifestly, the track may be somewhat differently formed, or its two halves may be made each in one piece.

At 16 is shown a curved corner section of the track, connecting two straight sections at right angles. Projecting downward at the inner side of such curve is a large-diameter roller 17, supported by an axle bolt 18 from

a bracket 19. The outer portion of this roller projects outward beneath the inner side of the track, substantially to or even slightly past, the inner edge of the slot 12. 5 The roller is of substantial diameter, so as to conform more or less nearly to the curve, being preferably of substantially the same radius of curvature as the curved inner edge of the slot. Thus positioned and proportioned, the periphery of the roller laterally 10 sustains and guides the top of the curtain as it rounds the bend, and contributes materially to the smoothness with which this is accomplished, reducing strain on the drawstring and lessening the effort required. 15

The drawstring, as well as the buttons 3, is enclosed within the track; and by reason of its relation to these bodies of the hangers and its location substantially midway between the top and bottom surfaces of the channel, canting or binding of the bodies in the track is avoided, and the curtain always hangs true because there is no tendency to swing the attaching members 2. 20

25 In Fig. 5 there is shown another form of hanger 3^a. The hub 6^a is made smaller in diameter and enlarged at its extremity 20, the enlargement preferably being spherical in form. Strips 2^a take the place of the eyes 30 2 and are secured at their upper ends 21 by

being spun around the ball 20, thus forming the swivel connection. Means are indicated at 4^a for securing the curtain to the strips 2^a.

What is claimed as new is:

1. In a curtain, a channel track, hangers 35 having lenticular buttons slidable in the track and provided with horizontal openings, and a drawstring passed through said openings within the track.

2. The combination with a bottom-slotted 40 channel track having a bend, said track lying horizontally, curtain hangers having buttons slidable in said track, and a drawstring passed through said buttons within the track, of a large-diameter roller projecting 45 downward at the inner side of the track to guide the top of the curtain around the bend.

3. The combination with a bottom-slotted 50 channel track having a bend, said track lying horizontally, curtain hangers having buttons slidable in said track, and a drawstring passed through said buttons within the track, of a roller of substantial diameter 55 projecting downward at the inner side of the track to guide the top of the curtain around the bend, the roller at its periphery conforming approximately to the curvature of the track at the slot.

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