March 9, 1954 Å. G. A. HÅKANSSON 2,671,243

CURTAIN TRACK

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FIG. 1

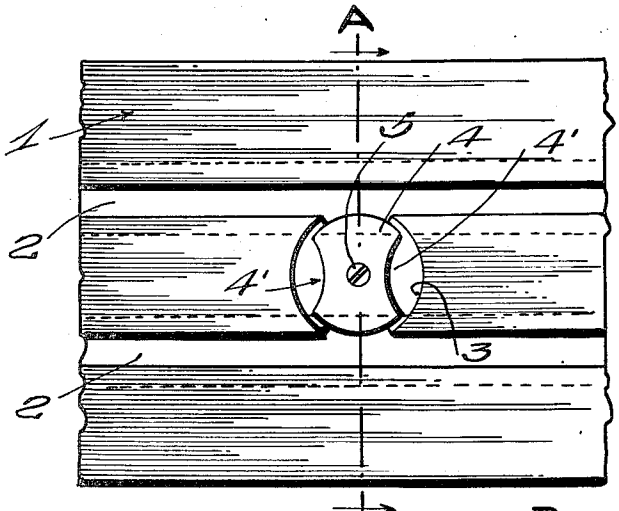


FIG. 2

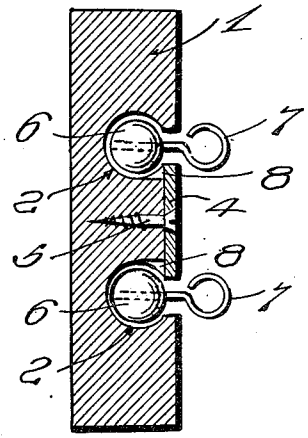


FIG. 3

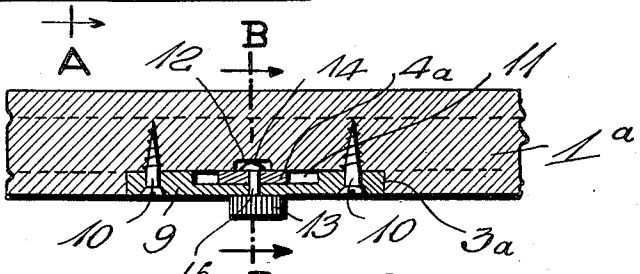


FIG. 6

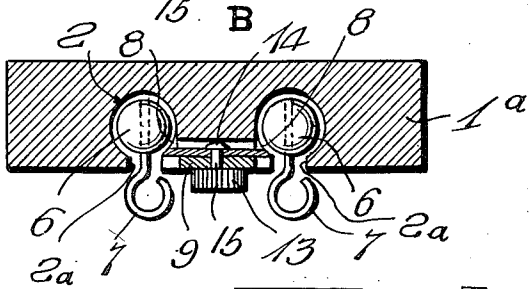


FIG. 4

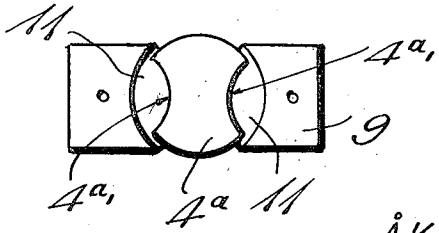
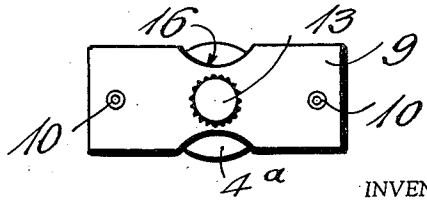


FIG. 5



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FIG. 7

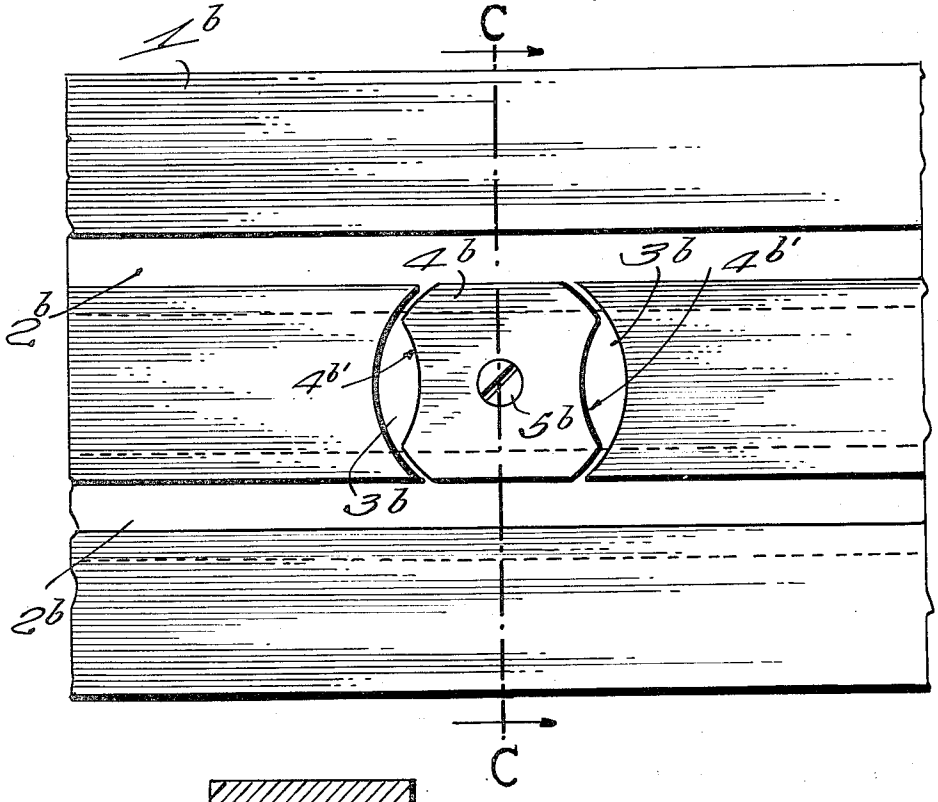
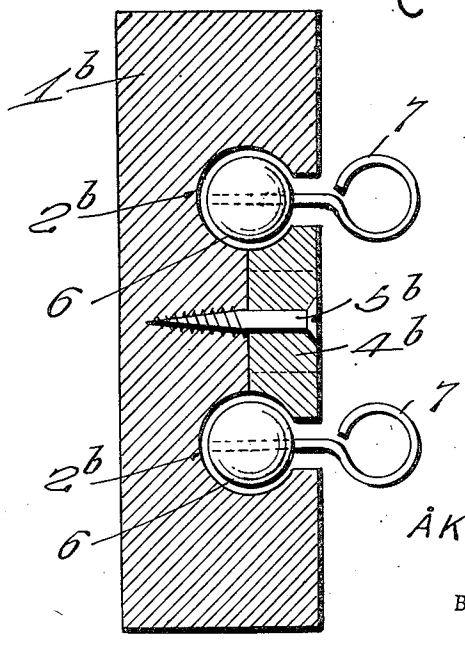


FIG. 8



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CURTAIN TRACK

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Application August 28, 1950, Serial No. 181,831

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6 Claims. (Cl. 16—95)

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The present invention is in respect of an arrangement for curtain runner boards of the kind which has one or more channels running in the longitudinal direction of the board and in the board itself, these channels being open towards one side of the board by means of a slit and in which are arranged running members for the fastening of curtains or the kind, the channels also being supplied with one or more locking instruments, in one position enabling the running members to be led into and removed from the channels and in another position prevent the running members to leave the channels.

It has heretofore been suggested to place the locking instruments at the ends of the channels. However, such an arrangement has certain disadvantages that render it unsuitable for use with cornices and it also is unsuitable for use when a curtain mantle or the kind is fastened to the edge of the board.

The above mentioned disadvantages are eliminated according to the present invention, which is characterized in that in one or more cavities, extending into at least one channel slit, a disk which is turnable around an axle being at right angles to the plane of the board, serves as the locking instrument. This disk being shaped and dimensioned in such a way as to render it possible for the running members to be led into and removed from the channels and to enable them to pass by the disk in the longitudinal direction of the channel, and also to prevent the running members from leaving the channels at other angle positions to the disk.

The invention is further made apparent in connection with the drawing, where

Fig. 1 is a bottom plan view of one form of construction according to the invention;

Fig. 2 is a cross-section taken on line A—A in Fig. 1;

Fig. 3 shows a longitudinal section of a modified construction according to the invention, and

Fig. 4 is a top view of the locking member mounted in the board as shown in Fig. 3;

Fig. 5 is a bottom view of the locking member;

Fig. 6 is a cross-section taken on line B—B in Fig. 3;

Fig. 7 shows a third form of construction as seen from the bottom of the runner board, and

Fig. 8 shows a cross-section taken on line A—A in Fig. 7.

The board 1 has two channels 2 each having a C-cross section and running in the longitudinal direction of the board with a slit open towards one side of the board. In these channels there are running members in the shape of balls 6 with hooks 7 attached to them. Curtains or

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the like are fastened onto the hooks of these running members.

With regard to the form of construction according to Figs. 1 and 2 a disk 4 rotatably mounted on a screw 5 is positioned in a cavity 3 of the board between the channels 2. The disk 4 has semi-circular recesses 4' formed in opposite sides thereof. In Figs. 1 and 2 the disk is shown when closed. When the disk is turned at 90°, the cavities 4' are brought to lie facing the channels 2, thus rendering it possible to remove the balls from the channels or to lead them into the channels through the opening thus formed. As shown in Fig. 2 slots are formed at 8, whereby the openings for inserting or removing the balls become larger.

In regard to the method of construction as per Figs. 3–6 the axle 15 of the disk 4^a extends through a plate 9 which lies in a cavity 3^a between the two slits 2^a of the channels of a board 1^a. As will be noticed said disk is fastened to the axle 15 on the inside of plate 9 and rests in a cavity 11 in plate 9. An operating button 13 is fastened to the axle on the exterior of plate 9. The plate 9 is in its turn fastened to the board 1^a by means of two screws 10. The plate has two semi-circular side recesses 16 which, when the disk is placed so as to be open makes it possible for the balls 8 to be inserted or removed from the channels. In Figs. 3–6, however, the disk 4^a is shown when in closed position. The axle 15 has at its inner end a head 14 positioned in a cavity 12 of board 1^a.

According to the forms of construction as per Figs. 7–8 the thickness of the disk 4^b is such that it extends down to such depth of the channel 2^b that the insertion or removal of the running members 6 from the channel is simplified without special measures having to be taken.

Further, in accordance with the form of construction disclosed, the side or sides of the disk 4^b that are turned towards a channel, when the position of the disk is for preventing the running members escape from the channels 2^b, are lying contiguous with the wall of said channel, which facilitates the passing-by of the disk by the running members in the longitudinal direction of the channel and prevents the turning of the disk when the running members pass by.

The curtain running board 1^b has two channels 2^b, in which are placed the running member 6 with hooks 7 for hanging up curtains or the kind. A disk 4^b is turnable around an axle, consisting of a screw 5^b. The thickness of said disk, i. e. the cavity for the disk is so deep, that it reaches down to the widest part of the circular channels 2^b. The disk 4^b is shown when in locked position.

When it is turned to 90°, the cavities 4b' in the disk will lie turned towards the channels 2b. These cavities 4b' make it possible for the running members 6 to be inserted or removed from the channels 2b. When the disk according to the designs is in such a position that it prevents the running members from leaving the channels, both sides of the disk that are turned towards the channels 2b extend contiguous with the wall of the channel 2b.

Naturally the method of construction shown can be made to vary within the frame of the invention.

I claim:

1. A curtain track comprising an elongated runner board having a bore provided therein, said runner board further having a slot provided in one face thereof with said slot being in communication with and providing a restricted passageway to said bore, said board further having a recess formed in the slotted face thereof being in communication with a side of said slot, a sidewall of said slot being indented at the point of communication of said recess therewith and a disc having an indented side portion and rotatably mounted in said board recess with an edge portion of said disc extending partially across said slot in one position of said disc and the indented side of said disc providing a passageway with said indented sidewall being in communication with said bore when said disc is in a second position.

2. A curtain runner board comprising an elongated runner board having a pair of spaced apart bores provided therein, said runner board further having a pair of spaced apart slots provided in one face thereof with each of said slots being in communication with and providing a restricted passageway to one of said bores, said board also having a recess provided in the slotted face thereof between and communicating with said slots, a sidewall of each of said slots being indented and extending into said recess, a disc having a pair of indented side portions and rotatably mounted in said recess, and said disc being capable of extending partially across said sidewall indentions and said slots when in one position and said disc indented sides providing a passageway in line with said slot sidewall indentations when disc is in a second position.

3. A curtain runner board comprising an elondated runner board having a pair of spaced apart bores extending longitudinally thereof, said runner board further having a pair of spaced apart spots provided in one face thereof with each of said slots extending in line with and being in communication with one of said bores providing a restricted passageway from the slotted face of said board to its respective bore, a sidewall of each of said slots having an indented portion and a disc rotatably connected to said board and having a pair of indented peripheral portions, and said disc being positioned with a peripheral portion extending across said sidewall indentations and said slots in one position of said disc and with said disc peripheral indentations forming passageways with said sidewall indentations upon rotation of said disc to a second position.

4. A curtain runner board comprising an elongated runner board having a pair of spaced apart bores extending longitudinally therein, said runner board further having a pair of spaced apart slots provided in one face thereof and each slot extending parallel and communicating with one of said bores providing a restricted passageway thereto, said board also having a recess provided in the slotted face thereof between said bores, said board having a pair of grooves extending from said slotted face thereof, each of said grooves being provided by an indentation in a sidewall of one of said slots and its respective bore and extending through an opposite side of the bottom of said recess, a plate having a recess in one face thereof and mounted within said board recess, a disc rotatably mounted in said plate recess and having a pair of indented peripheral portions, means for rotating said disc and said disc being capable of extending across said grooves in one position and having its indented portions in line with said grooves when in a second position.

5. A curtain runner board comprising an elongated runner board having a pair of spaced apart bores extending longitudinally thereof, said board also having a pair of spaced apart slots provided in one face thereof each forming a restricted passageway from the face of said board to one of said bores, said board further having a recess provided in the slotted face thereof opening into said bores and said slots, a disc rotatably mounted in said board recess having a pair of diametrically opposed edge portions each capable in one position of said disc of extending to and contiguous with a sidewall of one of said slots, and said disc having a pair of diametrically opposed indented edge portions each capable of providing a passageway through said recess to one of said bores when said disc is in a second position.

6. A curtain runner board comprising an elongated runner board having a pair of spaced bores each defined by a wall of an annular cross-section and extending longitudinally through the length thereof, said board also having a pair of slots formed in a face thereof each extending parallel with one of said bores, side walls defining each of said slots extending from a face of said board to an intermediate portion of its respective bore wall, said board further having a recess formed in the slotted face thereof defined by an annular side wall and a flat bottom wall which extends between and to the walls of said bores, said board recess side wall having a pair of diametrically opposed openings each in common with a sidewall of one of said slots, a disc being rotatably connected to said recess bottom wall having a pair of diametrically opposed flat edge portions each capable of extending into one of said recess sidewall openings and being contiguous with a sidewall of one of said slots when said disc is in one position and said disc further having a pair of diametrically opposed indented edge portions capable of providing a passageway to one of said bores when said indented portions are facing said recess sidewall openings in a second position of said disc.

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