J. W. WINN.

CURTAIN ATTACHMENT FOR SLEEPING CAR BERTHS.

APPLICATION FILED JUNE 30, 1909.

946,417.

Patented Jan. 11, 1910.

2 SHEETS—SHEET 1.

Fig. 2.

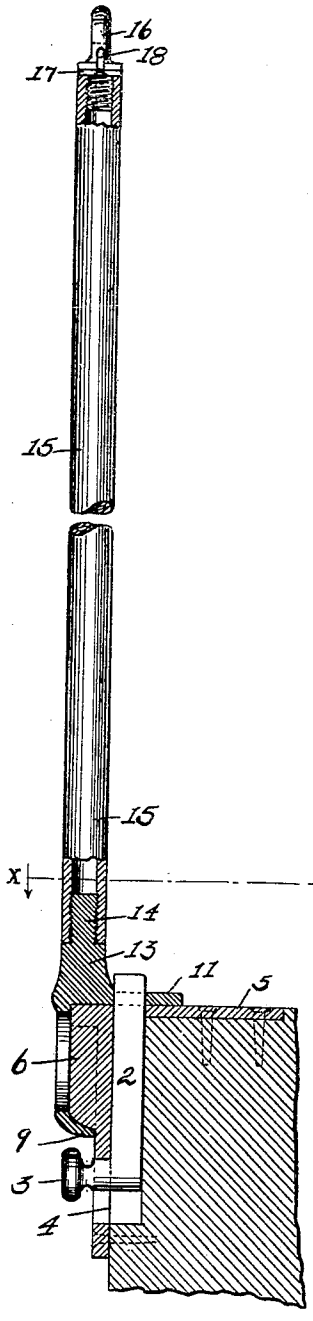

Fig. 1

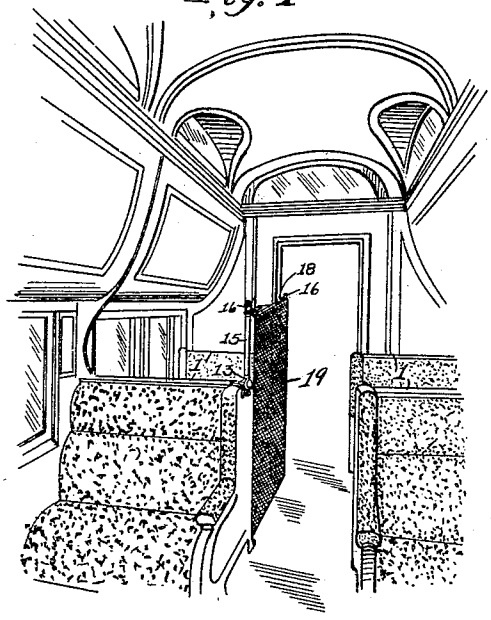

Fig. 3

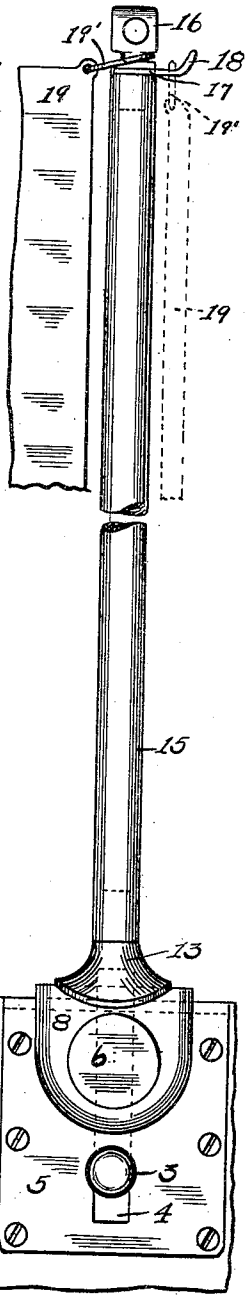

Fig. 4.

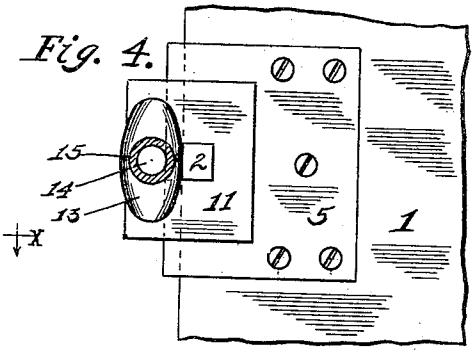

Fig. 5.

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2 SHEETS—SHEET 2.

Fig. 8.

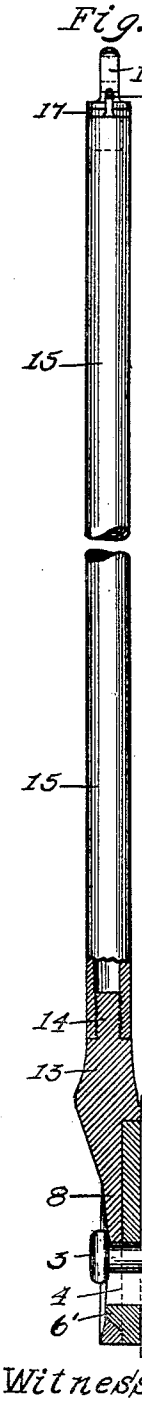


Fig. 6.

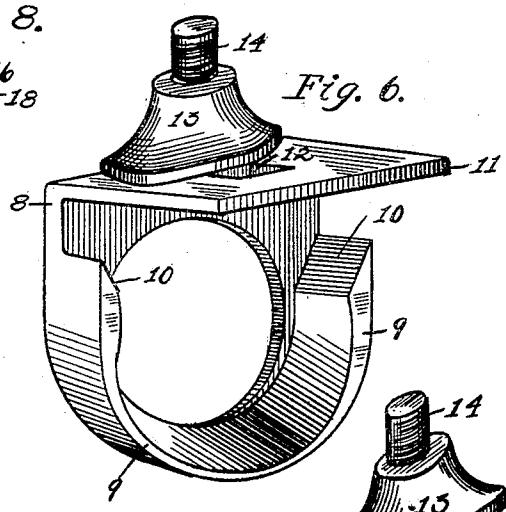


Fig. 9.

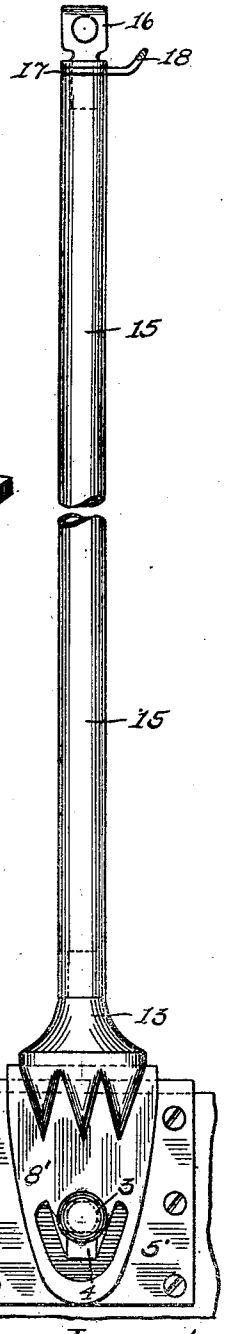


Fig. 7.

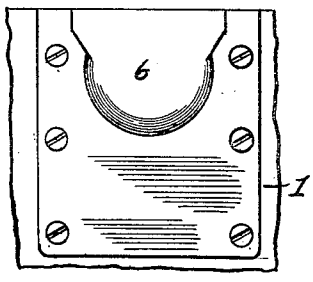


Fig. 11.

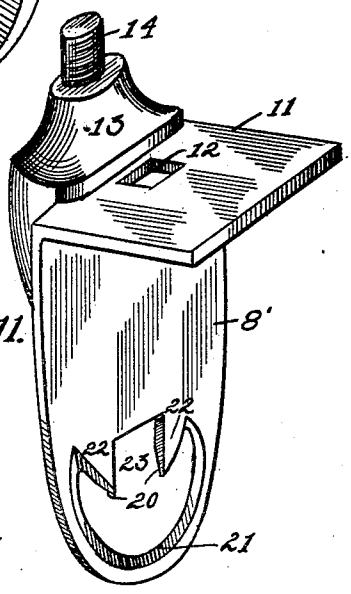
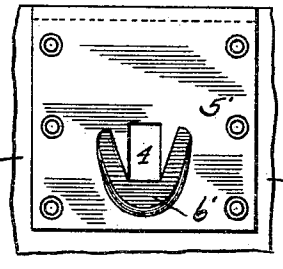


Fig. 10.



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UNITED STATES PATENT OFFICE.

JAMES W. WINN, OF CHICAGO, ILLINOIS.

CURTAIN ATTACHMENT FOR SLEEPING-CAR BERTHS.

946,417. Specification of Letters Patent. Patented Jan. 11, 1910.

Application filed June 30, 1909. Serial No. 505,187.

To all whom it may concern:

Be it known that I, JAMES W. WINN, a citizen of the United States, residing at Chicago, county of Cook, and State of Illinois, have invented Curtain Attachments for Sleeping-Car Berths, of which the following is a specification.

My invention relates to curtain attachments for sleeping car berths and has for its object the production of an appliance for attachment to sleeping car berths whereby passengers in one berth are protected from the dust flying from a passenger being brushed off in the berth across the aisle.

My invention consists in the combination and arrangement of parts hereinafter described and claimed.

In the drawings, Figure 1 is a partial perspective view of the interior of a sleeping car showing a berth provided with an appliance embodying my invention, Fig. 2 is an enlarged partial section through the upper outside corner of the berth back, Fig. 3 is an end view of Fig. 2, Fig. 4 is a section on line *x x* of Fig. 2, Fig. 5 is a top plan view of a curtain supporting hook, Fig. 6 is a perspective view of a securing member for the curtain supports, Fig. 7 is a partial end view of a berth back, Fig. 8 is an enlarged partial section through the upper outside corner of a berth back showing a modified form of securing member for the curtain support, Fig. 9 is an end view of Fig. 8, Fig. 10 is a partial end view of the berth back upon which the securing member illustrated in Figs. 8 and 9 is employed, and Fig. 11 is a perspective view of the securing member shown in Figs. 8 and 9.

In the upper outside corner of the berth backs 1 are secured slidable bolts 2 having operating knobs 3 projecting through slots 4 in the outer face of said back. Each of the bolts 2 is mounted in a plate 5 secured to the upper outside corner of each of the berth backs. This bolt 2 is ordinarly employed in securing the head boards or dividing partitions of the berths in position as will be readily understood by those skilled in the art.

In the form illustrated in Figs. 1 to 7 inclusive, the plate 5 is provided with a projecting boss 6 having divergent projections at its upper end. The curtain support securing member consists of a face plate 8 provided with a flange 9 adapted to take over the boss 6 and provided with inclined upper edges 10 adapted to engage the projections at the upper end of boss 6. At its upper end the face plate 8 carries a flange 11 adapted to take over the upper side of the berth back and provided with an opening 12 adapted to receive the upper end of the bolt 2. By this construction it will be seen that the securing member may be readily placed over the boss 6 and secured in position by sliding bolt 2 upwardly until its upper end projects through opening 12. Upon the upper side of flange 11 is secured a boss 13 carrying the threaded projection 14 adapted to take into the threaded rod 15. At its upper end the rod 15 carries a threaded head 16 securing in position the plate 17 which carries a hook 18.

In use the rods 15 are secured to the upper outside corners of two adjacent berth backs as explained above and a curtain 19 suspended therefrom by means of rings 19′ taking over heads 16. By this arrangement it will be seen that the dust flying from a passenger being brushed off in the berth on the opposite side of the aisle will be prevented from flying across the aisle and settling on passengers in that berth. When it is desired to move the curtain to the adjacent berth, the curtain ring 19′ may be removed from the head 16 of the support farthest from said berth and hung upon the hook 18 of the support adjacent to said berth. Then the farthest support may be moved to the adjacent berth back, the curtain again stretched in position and the passengers in this berth protected, and so on throughout the car.

In the modification illustrated in Figs. 8 to 11 inclusive, the plate 5′ is not provided with the boss 6 but has a differently shaped boss 6′ just below the slot 4. In this case the securing member consists of a face plate 8′ provided with an opening 20 adapted to receive and pass over the knob 3 with the lower edge 21 of said opening engaging the boss 6′. Beveled projections 22 project into opening 20 forming a slot 23 adapted to receive the neck of the knob 3. The upper portion of this securing member is identical with the one described before. In this case the curtain support is secured in position by placing the opening 20 over the knob 3 with the lower edge 21 engaging boss 6′. Then the bolt 2 is forced upwardly, its upper end projecting through the opening 12 and the knob 3 engaging the projections 22 securely fastening the member in position.

While I have illustrated and described the preferred construction for carrying my invention into effect, this is capable of variation and modification without departing from the spirit of my invention. I, therefore, do not wish to be limited to the exact construction set forth, but wish to avail myself of such variations and modifications as come within the scope of the appended claims.

Having described my invention what I claim as new and desire to secure by Letters Patent is:

1. The combination with the berths of a sleeping car, of curtain supports adapted to be removably secured to the upper outside corners of the backs of adjacent berths; and a curtain adapted to be suspended between said supports, substantially as described.

2. The combination with the berths of a sleeping car, of curtain supports adapted to be removably secured to the upper outside corners of the backs of adjacent berths; appliances on the top of each of said supports adapted to receive and support both ends of the curtain; and a curtain adapted to be suspended between said supports, substantially as described.

3. In a device of the class described, the combination of a slidable bolt having an end adapted to project from the upper side of a berth back; a projecting boss on the outside face of the berth back, said boss being provided with divergent projections at its upper end; a securing member provided with a flange adapted to engage said boss and a flange taking over the upper side of the berth back, said last mentioned flange being provided with an opening adapted to receive the upper end of said bolt; and a curtain supporting rod secured to said securing member and provided at its upper end with curtain suspending appliances, substantially as described.

4. In a device of the class described, the combination of a slidable bolt having an end adapted to project from the upper side of a berth back, and provided with a knob projecting through a slot in the outside face of the berth back; a projecting boss on the outside face of a berth back below said slot; a securing member provided with an opening adapted to take over said boss and receive said knob, a slot adapted to engage the neck of said knob and a flange adapted to take over the upper side of the berth back, said flange being provided with an opening adapted to receive the upper end of said bolt; and a curtain supporting rod secured to said securing member and provided at its upper end with curtain suspending appliances, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JAMES W. WINN.

Witnesses:
JOSHUA R. H. POTTS,
HELEN F. LILLIS.