(No Model.)

S. HORSEMAN.

SWING ATTACHMENT FOR CUSPIDORS.

No. 456,620. Patented July 28, 1891.

Fig. 1.

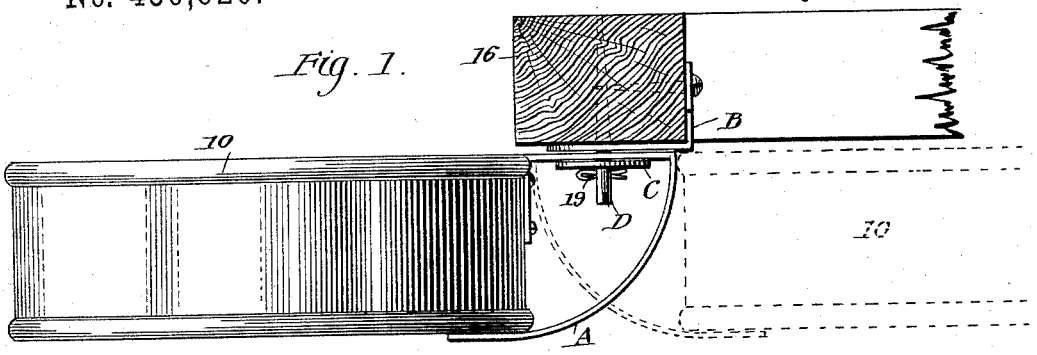


Fig. 2.

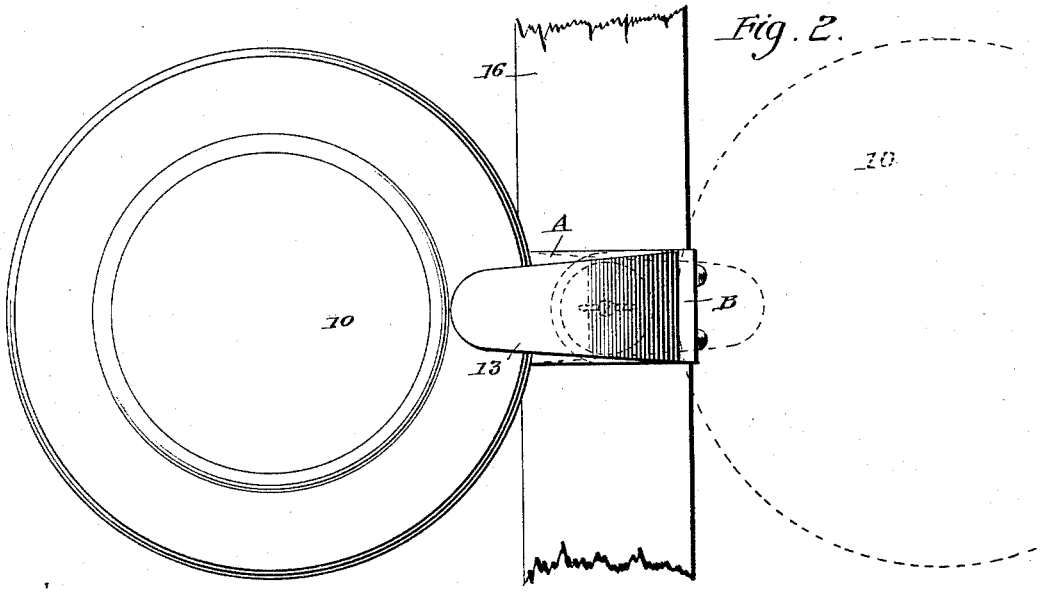


Fig. 3.

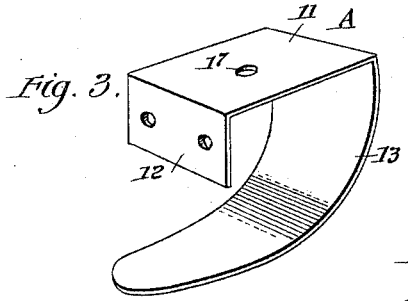


Fig. 4.

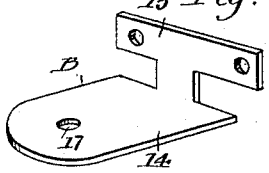
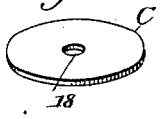


Fig. 5.



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STEPHEN HORSEMAN, OF ESTACADO, TEXAS.

SWING ATTACHMENT FOR CUSPIDORS.

SPECIFICATION forming part of Letters Patent No. 456,620, dated July 28, 1891.

Application filed October 7, 1890. Serial No. 367,299. (No model.)

To all whom it may concern:

Be it known that I, STEPHEN HORSEMAN, of Estacado, in the county of Crosby and State of Texas, have invented a new and Improved Swing Attachment for Cuspidors, of which the following is a full, clear, and exact description.

My invention relates to an improved swing attachment for cuspidors, and has for its object to provide a simple, economic, and durable device by means of which a cuspidor may be pivotally connected with a seat or equivalent support, held in a horizontal position while connected, and rendered capable of being swung out from or beneath the seat and expeditiously and conveniently removed when necessary.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures and letters of reference indicate corresponding parts in all the views.

Figure 1 is a side elevation of the attachment applied to a cuspidor and the bottom of a seat, the seat-rail being in section and the cuspidor being illustrated as carried outward in position for use. Fig. 2 is a bottom plan view of a cuspidor and the attachment, and Figs. 3, 4, and 5 are detail perspective views of the attachment.

The attachment consists of two brackets A and B, a washer C, and a pivot-pin D. The bracket A is adapted for attachment to a cuspidor 10, which cuspidor may be of any suitable or approved construction. The bracket A consists of an upper horizontal member 11 and a vertical member 12, projected at an angle downward from the horizontal member at one end, and a curved member 13, projected downward from the opposite end of the horizontal member, the said bracket being preferably made of one piece of metal. The curved member 13 extends diagonally downward beneath the horizontal member and horizontally forward beneath the perpendicular end member. The bracket is attached to the cuspidor by screwing, riveting, or otherwise securing the vertical member 12 to the side of the cuspidor, preferably in such manner that the upper face of the horizontal member will be flush with the upper edge of the article, and the forward end of the curved member 13 is secured to the bottom of the cuspidor; or the cuspidor may merely rest upon the curved member if in practice it is found desirable. The bracket B is also preferably made of one piece of metal, and comprises a horizontal member 14 and a vertical member 15, which extends upward at a right angle from one end of the horizontal member, as is best illustrated in Fig. 4. The vertical member 15 is preferably made somewhat T-shaped in order to economize in metal. This bracket B is adapted for attachment to the front rail 16 of a seat, the vertical member 15 being secured to the inner side face of the rail, while the horizontal member 14 bears against the under face of the rail, and may be secured thereto, if found necessary.

The horizontal members of both of the brackets A and B are provided with an aperture or opening 17, through which apertures or openings when the said members of the two brackets are in engagement the pivot-pin D is passed and secured in any approved manner in the seat-rail 16. Ordinarily that portion of the pivot pin or pintle entering the seat-rail is threaded.

The bracket A is held in position to swing upon the pintle by the washer C, which is provided with a central opening 18, by means of which it is introduced upon the pintle and carried to a bearing against the under face of the horizontal member of the bracket, as shown in Fig. 1, and the washer is retained in this position by means of a pin 19 passed through the pintle immediately beneath it. If in practice it is found desirable, any equivalent for the pin may be substituted.

It is obvious that when a cuspidor is attached to a seat, as above described, it may be swung out for use, as shown in positive lines in Fig. 1, or it may be swung inward beneath the seat and thus concealed, as shown in dotted lines; also, that when it is desirable to remove the cuspidor it may be conveniently and expeditiously accomplished by simply removing the pin 19 from the pintle.

The attachment is especially applicable to railway-car seats, as it is exceedingly simple

and durable, and its operation may be readily understood by any person of ordinary intelligence.

It is obvious that the bracket A performs a dual function, serving in the first place as a means of pivoting the cuspidor to the frame of the seat, and in the second place the bracket serves as a handle for the cuspidor, enabling it to be readily carried when removed from the seat.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. The combination, with a seat-frame or other support and a wear-plate secured to the frame, of a cuspidor, a handle at one side of the same, having a flat upper surface and engaging with the cuspidor at its top and bottom, and a pintle provided with a removable stop passed through the flat surface of the handle and into the frame, as and for the purpose specified.

2. A swing attachment for cuspidors, consisting of a bracket adapted for attachment to a cuspidor, comprising a horizontal member terminating at one end in a vertical member and at the other end in a curved member extending beneath and beyond the vertical member, an angled bracket adapted for attachment to a seat or other support, a pintle passed through the horizontal members of the brackets, and a pin passed through the pintle beneath the brackets, as and for the purpose specified.

3. The combination, with a cuspidor and a seat-frame or like support, of a bracket consisting of a horizontal body, one end of which is secured to the side of the cuspidor near its top, and a curved member at the opposite end of the body, extending beneath and engaging with the bottom of the cuspidor, an angled bracket adapted to be secured to the seat-frame, a pintle passed through the body of one bracket and the horizontal member of the other into the frame, and a pin removably located in the pintle beneath the body of the cuspidor-bracket, substantially as and for the purpose specified, whereby the said bracket is capable of serving as a handle when the cuspidor is to be removed, as set forth.

STEPHEN HORSEMAN.

Witnesses:
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