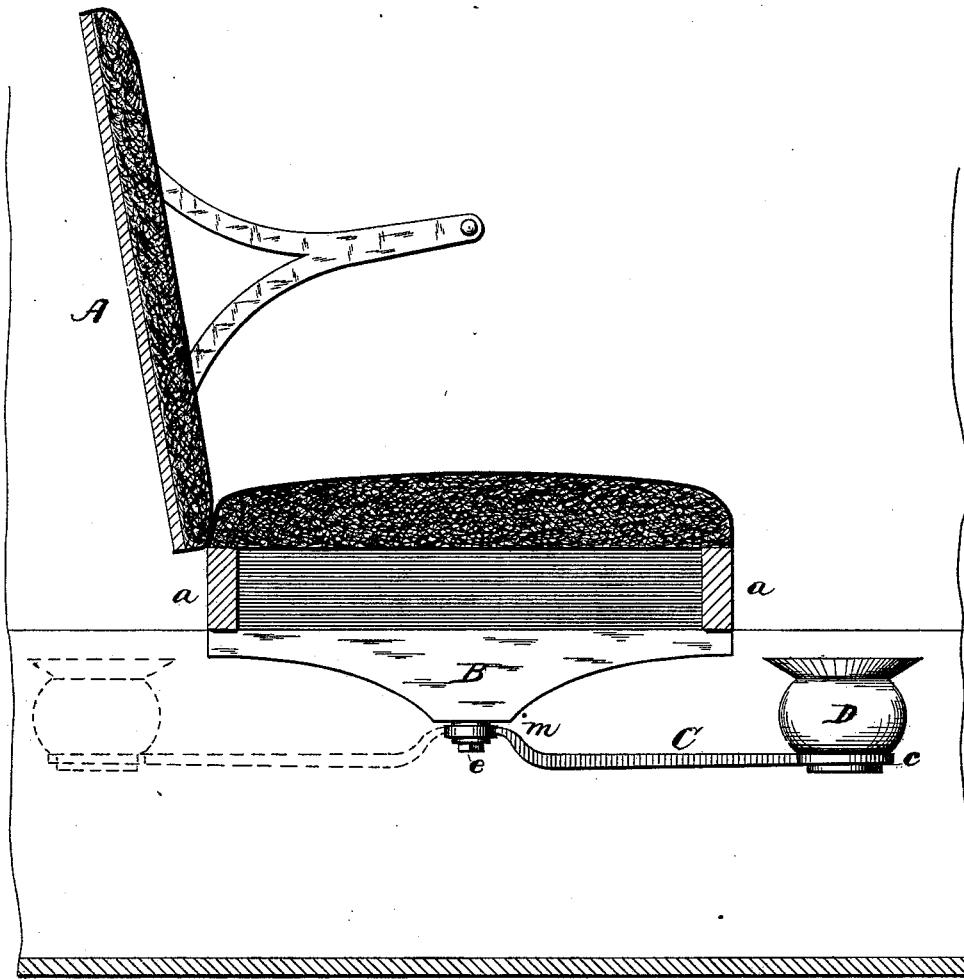


H. A. SMITH & C. S. HALLSTEAD.
Reversible Spittoon Attachment for Car-Seats.

No. 214,058.

Patented April 8, 1879.



Witnesses;
William Blackstock.
W. C. Girdinstra.

Inventors.
Henry A. Smith and
Charles S. Hallstead.
By L. H. Hise
Ther. Atty

UNITED STATES PATENT OFFICE.

HENRY A. SMITH AND CHARLES S. HALLSTEAD, OF NICHOLSON, PA.

IMPROVEMENT IN REVERSIBLE SPITTOON ATTACHMENTS FOR CAR-SEATS.

Specification forming part of Letters Patent No. **214,058**, dated April 8, 1879; application filed July 15, 1878.

To all whom it may concern:

Be it known that we, HENRY A. SMITH and CHARLES S. HALLSTEAD, of Nicholson, in the county of Wyoming and State of Pennsylvania, have invented certain new and useful Improvements in Railroad-Car Spittoons; and we do hereby declare the following to be a full and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which the figure represents our invention applied to a car-seat.

Before entering upon a description of our invention, we would state that we are aware that spittoons have been attached to dental chairs, commodes, &c., by a swinging or pivoted arm, which permits the adjustment of the spittoon with reference to the person occupying the chair or seat; and we are aware that spittoons have been attached to the floor of a railroad-car by a pivoted arm secured to the floor by a screw or bolt, so that the spittoon can be adjusted in different positions; and we do not regard either of said devices as being included within the limits of our invention, it having, on the one hand, no purpose in common with that of the attachment to dental chairs, commodes, &c., above referred to, and, on the other hand, being designed to obviate the disadvantages and inconveniences of attaching the spittoon to the car-floor. These disadvantages are chiefly as follows: The attachment to the floor mars the floor, so that railroad companies dislike to adopt it. It also leaves the vessel in the way of the passengers' feet, and, being fastened to the floor, said vessel is more liable to trip the passengers, and to be injured by them in turn, than when not so secured to the floor. The vessel is always in the way when sweeping or washing the car floor, and the result is not only inconvenience to the sweeper or washer, but an unclean and offensive spot around the floor connection; and, lastly, the vessel, being on or near the floor, is disagreeably conspicuous to persons occupying the neighboring seats.

To obviate all these disadvantages, we elevate the spittoon above the floor, and make the attachment to the under side of the car-seat, so that the pivot will come about mid-

way between the front and rear sides of the seat.

The pivoted arm which supports the vessel is of such length that the vessel can be swung under the seat out of sight when not in use, or when needed for use can be swung out from under the front or rear edge of the seat. Car-seats as now constructed being generally provided with reversible backs, the spittoon can thus be used with equal convenience whether the back of the seat be adjusted in one position or the other.

Our invention therefore consists in the combination of the swinging adjustable spittoon with the reversible-back car-seat, when the arm which supports the vessel is pivoted under the seat and adapted for the movement of the vessel, as described.

In the drawings, A is the reversible-back car-seat, of which the seat-frame is shown at *a a*, and B C D represent the vessel and its supports adapted for attachment to the under side of the car-seat frame. Of the parts connected with the vessel, B is a wooden bar, to be fastened with screws or nails to the under side of the seat-frame, transversely of the seat. C is a bent iron bar, pivoted to the under side of the bar B by a suitable bolt, *e*, and provided at its outer end with a ring or holder, *c*, for supporting the spittoon D, which is of any ordinary form, but preferably with a straight tubular lower end, to fit into the ring *c*.

The bar C is bent upward at its inner end, as shown at *m*, in order that it may swing clear of all obstructions. The same object may be accomplished by making the wooden bar B with a boss or downward projection at the middle, in which the pivot-bolt is inserted, or by interposing a thick ring or washer between the bars B and C.

Suitable nuts or keys hold the bar C in connection with the pivot-bolt. The bars B and C, or either of them, may be made extensible or adjustable in length, to adapt any one spittoon attachment to car-seats of different width; but this will not, in general, be necessary.

The apparatus B, C, and D will be manufactured and sold together for attachment to

the ordinary railroad-ear seats; or the parts C D may be made and sold together, and the car-seats adapted to them by applying a bar, B, thereto when the connection is to be made.

Having thus described our invention, we claim as new—

The combination of a reversible-back car-seat with a reversible spittoon-holder and a spittoon, said holder being pivoted to the un-

der side of the seat-frame, so as to swing under the seat and project from either the front or the rear side thereof, substantially as described.

HENRY A. SMITH.

CHARLES S. HALLSTEAD.

Witnesses:

H. D. TIFFANY,

M. E. CROFUT.