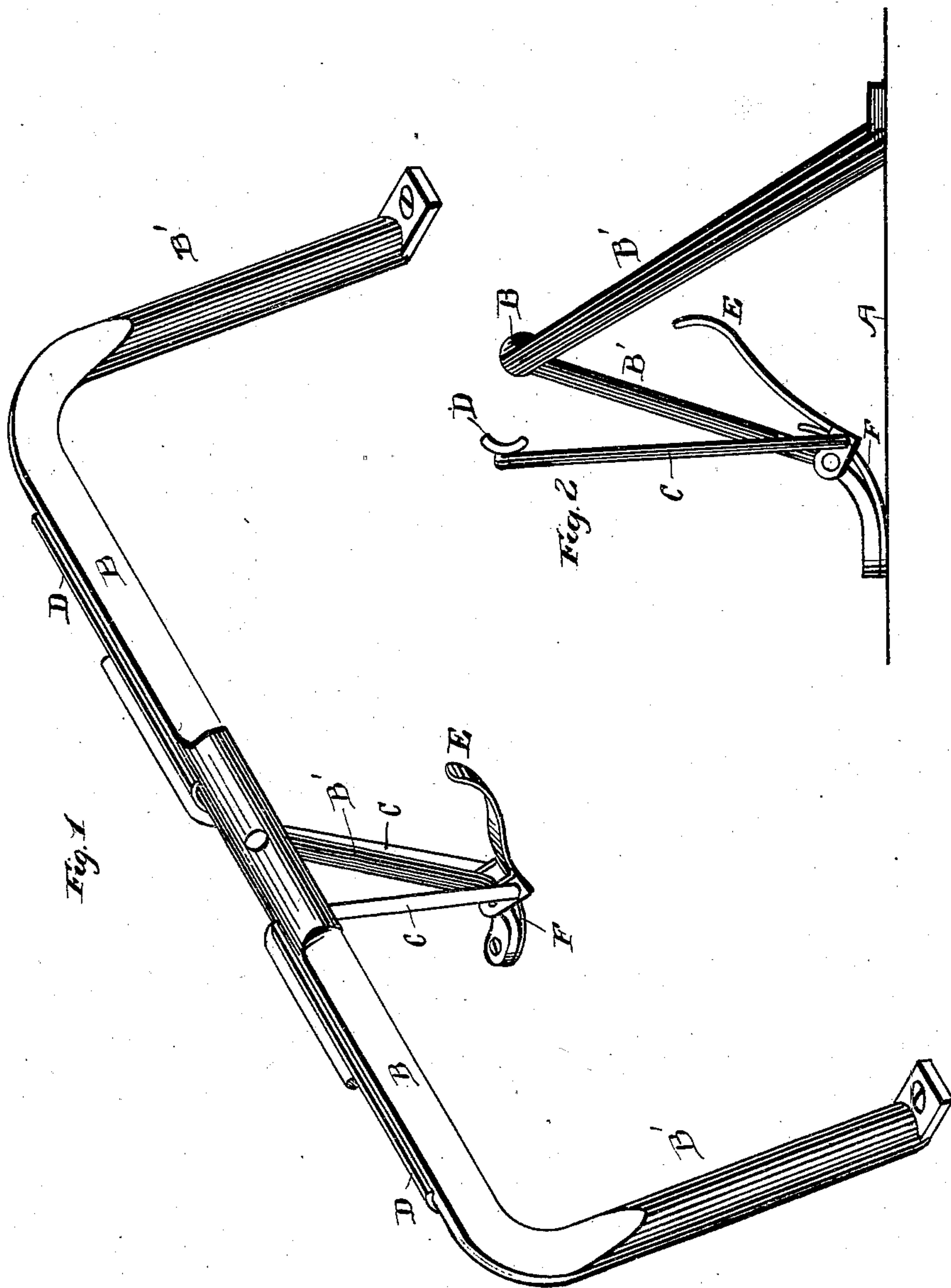


W. F. BLACK.
Vehicle Foot-Rail.

No. 225,097.

Patented Mar. 2, 1880.



WITNESSES

Frank M. Haber.
Willard Frazier.

INVENTOR

Wm F. Black.
By Suggitt & Suggitt.
ATTORNEY

UNITED STATES PATENT OFFICE.

WILLIAM F. BLACK, OF CLEVELAND, OHIO.

VEHICLE FOOT-RAIL.

SPECIFICATION forming part of Letters Patent No. 225,097, dated March 2, 1880.

Application filed December 29, 1879.

To all whom it may concern:

Be it known that I, WILLIAM F. BLACK, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Vehicle Foot-Rails; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to rails as used in carriages, buggies, or other vehicles; and it consists of an attachment which, in connection with the foot-rail proper, serves to act as a clamping device for retaining robes or blankets.

In the drawings, Figure 1 is a perspective view of my device shown in a closed position. Fig. 2 is an end view of the device shown in an open position.

In the said drawings, A represents the frame or bottom of the carriage-box, to which the foot-rail is usually attached; B, the ordinary foot-rail, with the braces B'. C is a supplemental foot-rail hinged to the center brace B'. F is a spring attached to the center brace B', whose function is to hold the supplemental rail D in a closed position. E is a handle attached to the supplemental foot-rail, and by which the same may be opened.

My invention is susceptible of a number of modifications. The rail may be split at or near its center, and one portion may be adapted to be moved, permitting of the insertion of a blanket between the two portions of the rail.

The supplemental rail may be attached to and operated from the end brace instead of the center, as shown in the drawings.

It will also be observed that the supplemental rail may be placed in front of the rail instead of behind it, as represented in the drawings.

I do not limit myself in any degree to the specific construction, my invention consisting, broadly, in a device, in connection with, or as a part of, a foot-rail of a buggy, that will retain a blanket or other covering ordinarily used in vehicles for the purpose of covering the occupants.

The operation of my invention is apparent from the description of the drawings.

The supplemental rail D is readily removed from the stationary rail B by means of the handle A. This may be done by the hand or foot. Bearing upon the handle A will cause the supplemental rail D to be forced back from the rail B, thereby leaving an opening between the two rails permitting the introduction of a blanket or robe.

When the handle A is released the supplemental rail D will clamp the blanket firmly between itself and the permanent rail B, and be held in a closed position by means of the spring F.

I am aware that a spring-pressed concave plate has been combined with the top rail of a dash-board to serve as a rein-holder, and hence I would have it understood that I disclaim such construction of parts, or any attachment to the top rail of a dash-board for securing the reins.

My invention relates to an improved attachment for foot-rails, and is especially designed to retain the robe or blanket from displacement.

What I claim is—

1. In combination with a vehicle foot-rail, a retaining device adapted for clamping and holding a robe, substantially as and for the purpose shown.

2. In combination with a vehicle foot-rail, a supplemental rail, D, substantially as and for the purpose shown.

3. In combination with a vehicle foot-rail, a supplemental rail held in a closed position by means of a retaining-spring, F, substantially as and for the purpose shown.

4. The combination, with a vehicle foot-rail, of a supplemental rail held in a closed position by means of a retaining-spring, and a handle for manipulating the supplemental rail, substantially as and for the purpose shown.

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

WILLIAM F. BLACK.

Witnesses:

JNO. CROWELL, Jr.,
WILLARD FRACKER.