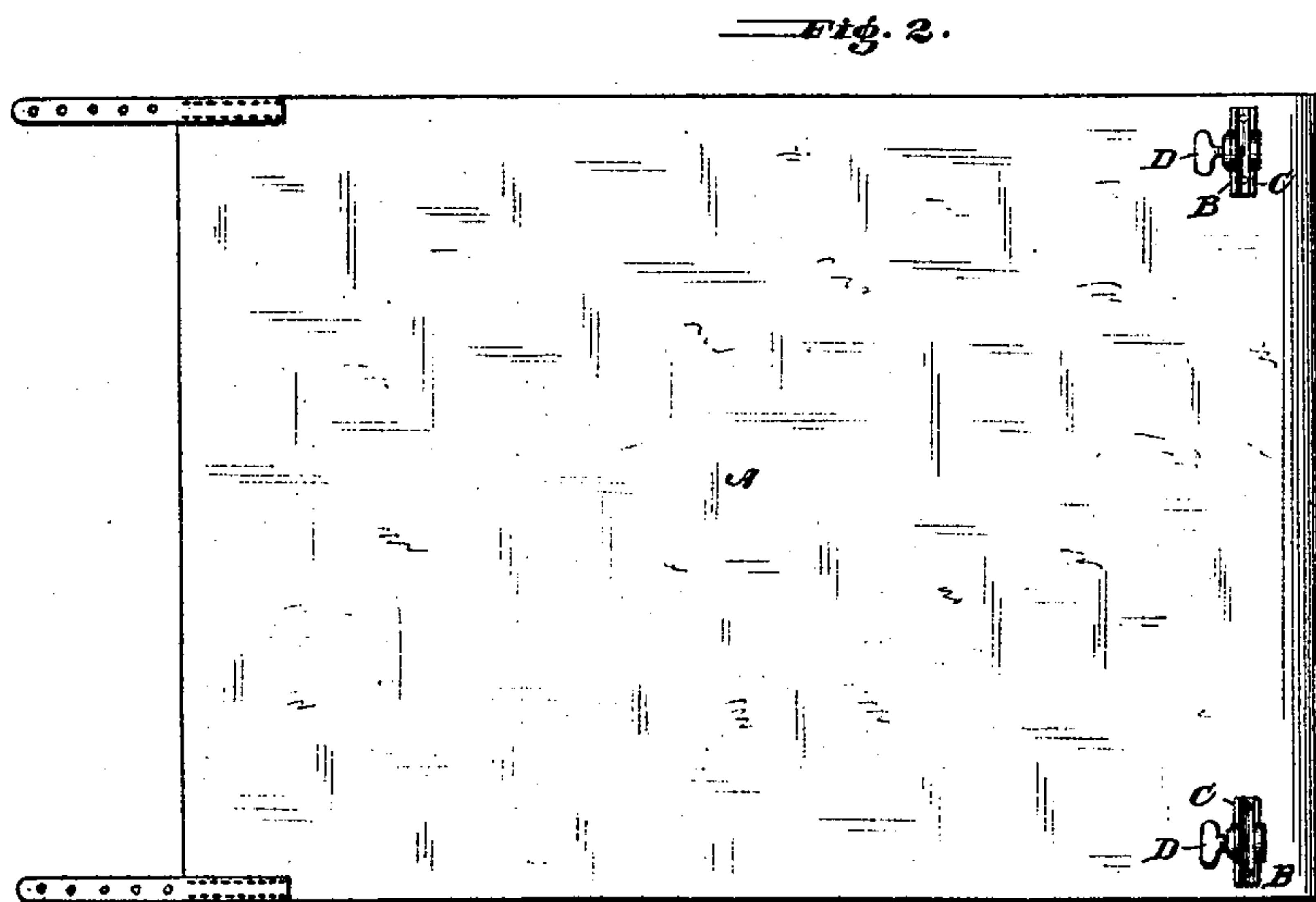
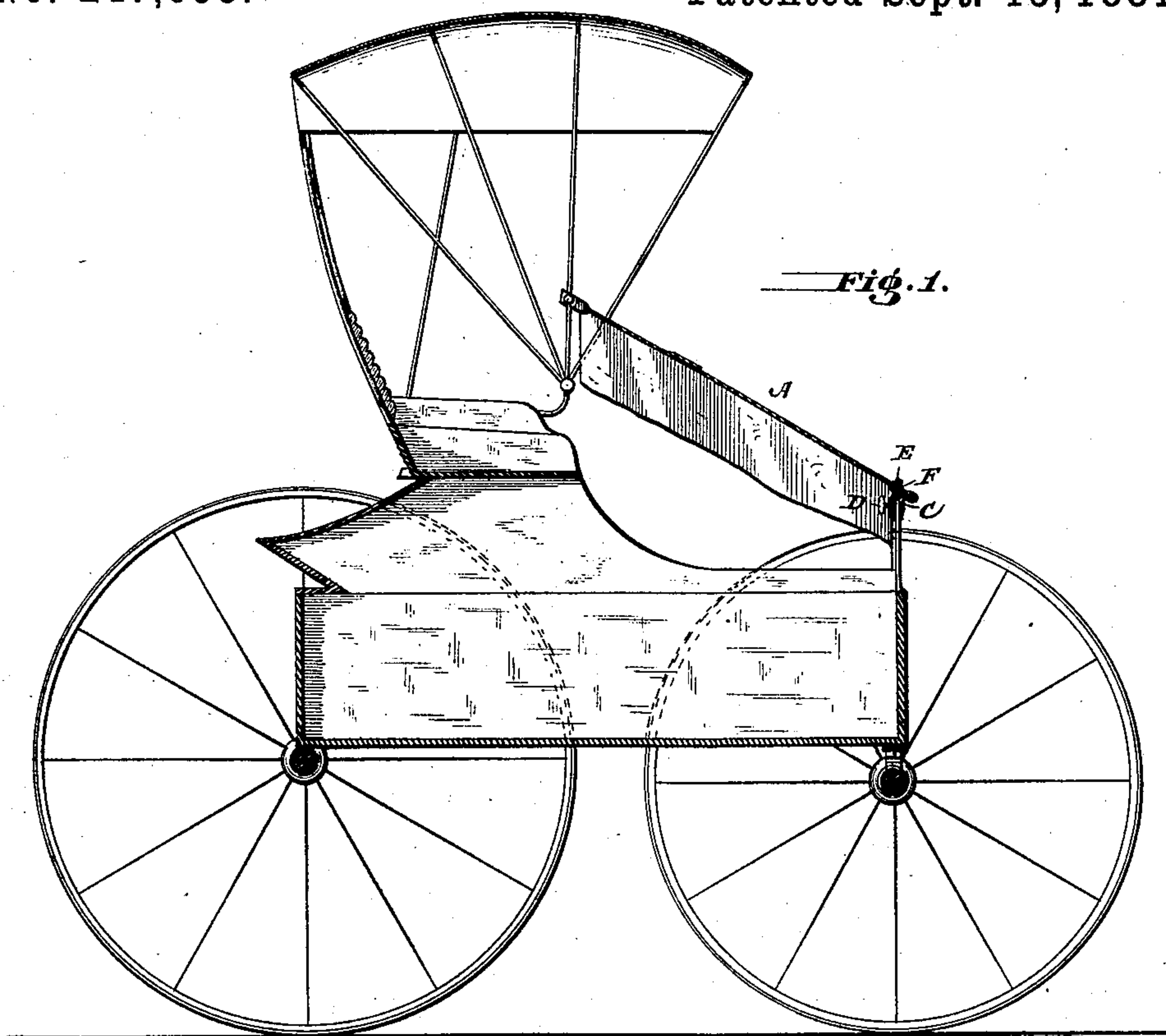


(No Model.)

S. S. HARVEY.
CARRIAGE APRON.

No. 247,055.

Patented Sept. 13, 1881.



Witnesses:
Ally Long.
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UNITED STATES PATENT OFFICE.

SAMUEL S. HARVEY, OF PENSACOLA, FLORIDA.

CARRIAGE-APRON.

SPECIFICATION forming part of Letters Patent No. 247,055, dated September 13, 1881.

Application filed July 12, 1881. (No model.)

To all whom it may concern :

Be it known that I, SAMUEL S. HARVEY, a citizen of the United States, residing at Pensacola, in the county of Escambia and State of Florida, have invented certain new and useful Improvements in Attaching Carriage-Aprons; 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 appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

The object of the present invention is to attach a weather or storm apron to the dash-board and top of a carriage, so that an unbroken or regular water-shed is formed and contact with the legs of the sitter is obviated, ample provision being also made for permitting the apron to be readily attached and detached.

The invention consists in a carriage-apron having a metal clamp, spring-jaws, or other fastening device permanently attached to the under side thereof, near its front edge, so that when said apron is attached to the top edge or rim of the dash-board through the medium of said clamp and connected with the carriage-top by means of buttons, knobs, and eyelets, a regular unbroken or inclined surface will be formed for conducting the water beyond the front of the dash-board.

In the accompanying drawings, Figure 1 is a sectional view, representing my plan of attaching a weather-apron to the dash-board and top of a carriage. Fig. 2 is a bottom view of an apron provided with clamping devices near its lower edge.

The aprons heretofore in use for protecting the occupants of carriages in rainy weather are defective and unsatisfactory, because when they are attached to the inner side of the dash-board they will cause rain or snow to accumulate and settle down inside of the carriage, and when an attachable and detachable apron is used which has a pocket for receiving the rim of the dash-board the tearing out of said pocket occurs quite frequently, and the weight of the apron causes it to drop upon the knees

of the occupant and permits the forming of a pool of water between the dash and seat. An apron provided with a pocket cannot be made to fit dash-boards made wider than said pocket, and it also interferes with the easy placing of the whip in the socket.

My invention obviates the defects above stated, and may be described as an apron, A, which is made of any desired material and of any approved size, and has two or more fastening devices, B, attached to the under side thereof, near its front edge. In the present instance the fastening device is a metallic clamp consisting of a transverse plate and two vertical rigid jaws or flanges, C, having a set or clamping screw, D, passed through one of said jaws.

A clamp constructed as above described is permanently secured to the under side of the apron by means of screws E, which pass through a plate, F, on the upper side of the curtain and enter the transverse plate of the clamp. In this manner or by rivets used in place of the screws the apron is firmly secured to the clamps, so that the latter cannot be torn off when the apron is stretched.

The jaws or flanges D embrace or sit astride the top rim of the dash-board or the metallic guard-rail arranged above said top rim, and the screw serves as a medium for securing the clamp in place. The side of the transverse plate adjoining the rim of the dash-board is generally grooved or channeled, so as to properly receive or fit on said rim.

It will be obvious that two clamps will suffice to secure the apron to the dash-board, although more may be used, if desired; and in place of the set-screw and rigid jaws I may use spring-jaws or friction-clamps for attaching the apron to the dash-board. An apron having permanent fastening devices secured to the under side thereof, as shown, will permit the front edge of said apron to project in front of the dash-board, and when the apron is thus attached and also secured to the carriage-top at or near the upper portion thereof a regular or unbroken "water-shed" is formed, which will serve to conduct the water beyond the front of the dash-board.

The fastening devices for securing the apron

to the carriage-top are those generally employed for this purpose—viz, buttons, knobs, and eyelets or tabs.

It will be apparent that an apron having
5 my fastening devices can be attached to dash-boards of varying widths and that the whip-socket is readily accessible.

Having thus described my invention, what
I claim as new, and desire to secure by Let-
10 ters Patent, is—

An attachable and detachable carriage-apron

having fastening devices permanently secured to the under side thereof, at or near its front edge, for receiving the top rim of a dash-board or guard-rail of a carriage, as and for the pur- 15 pose herein set forth.

In testimony whereof I affix my signature in presence of two witnesses.

S. S. HARVEY.

Witnesses:

W. A. S. WHEELER,
FRANK MAURA.