

No. 847,814.

PATENTED MAR. 19, 1907.

J. PHILLIPS.
WATER SHEDDING ATTACHMENT FOR CARRIAGES.
APPLICATION FILED AUG. 7, 1906.

Fig. 1.

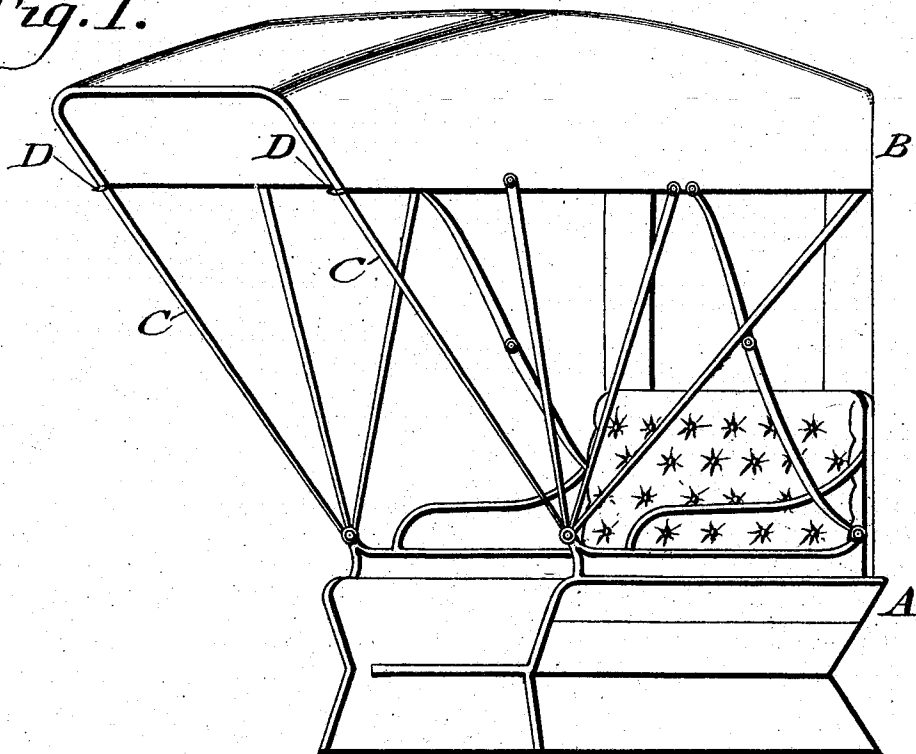


Fig. 3.

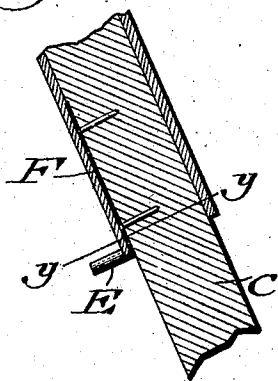


Fig. 2.

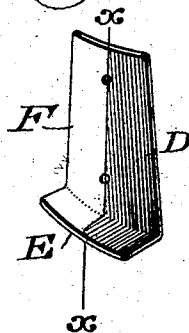
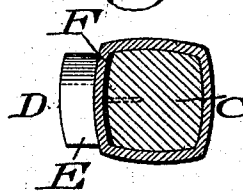


Fig. 4.



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UNITED STATES PATENT OFFICE.

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WATER-SHEDDING ATTACHMENT FOR CARRIAGES.

No. 847,814.

Specification of Letters Patent.

Patented March 19, 1907.

Application filed August 7, 1906. Serial No. 329,536.

To all whom it may concern:

Be it known that I, JOHN PHILLIPS, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Water-Shedding Attachment for Carriages and other Vehicles, of which the following is a specification.

My invention consists of a water-shedding attachment for a carriage or other vehicle adapted to direct rain or water from the top of the roof and prevent it from entering the body and dropping or running on the occupant, as will be hereinafter described, the novel features being embodied in the claims.

Figure 1 represents a perspective view of an attachment for a carriage embodying my invention, including a portion of the carriage.

Fig. 2 represents a perspective view of the attachment, on an enlarged scale. Fig. 3 represents a section on line *x x*, Fig. 2, including a portion of the carriage-top frame on which the attachment is located. Fig. 4 represents a transverse section on line *y y*, Fig. 3.

Similar numerals of reference indicate corresponding parts in the figures.

Referring to the drawings, A designates a portion of the body of a carriage, and B designates the top thereof, which features are of usual construction.

C designates the front pieces or members of the frame of the top B, likewise of usual construction.

D designates the attachment embodying my invention, the same consisting of an angular piece of material, preferably sheet metal, comprising the lower limb or lip E and the upper limb or shank F. The lip is curved downwardly in its transverse direction, and the shank is curved forwardly in its vertical direction, it being seen that an attachment is applied to each side piece C, the

shank of each having its back located upon such piece and the shank secured to the latter, while the lip projects forwardly from the piece and in a measure constitutes a spout or gutter, which is located below the carriage, whereby the rain or water running from said top upon the pieces is intercepted by said lips and deflected forwardly therefrom, so as to run off or drop from the same at such distance as not to enter the body of the carriage or fall upon the occupant thereof, while it is stopped from running down the pieces below the attachments, which otherwise would guide the rain into the body of the carriage, wet the garments and adjacent side curtains, these, therefore, being also prevented. Owing to the downward curvature of the lips, they direct the rain or water to the centers thereof, and to prevent overflowing of the same at the sides thereof. In practice the shanks of the attachments are inclosed in the coverings of the pieces, and so concealed and protected from the weather.

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

1. The combination with the frame of the top of a vehicle of a water-shedding attachment, the same consisting of a shank which is connected with a member of said frame, and a lip projecting forwardly from said shank, said lip being depressed forming a gutter.

2. A water-shedding attachment for a vehicle consisting of a lip, and a shank, said lip projecting angularly forward from said shank and being deflected downwardly forming a gutter whose discharge end is in front.

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