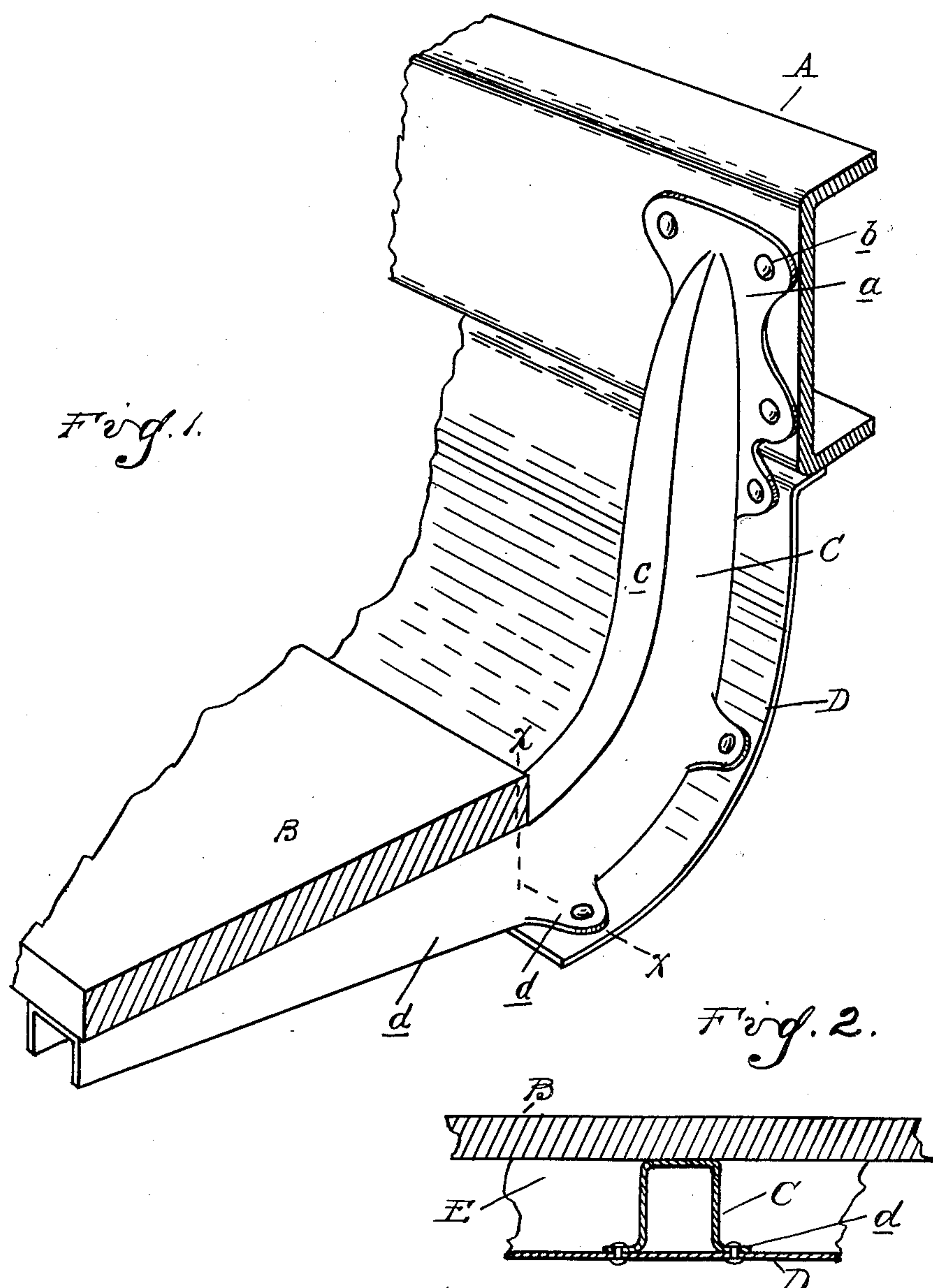


No. 890,963.

PATENTED JUNE 16, 1908.

H. E. COFFIN.
RUNNING BOARD FOR AUTOMOBILES.
APPLICATION FILED JULY 18, 1907.



Witnesses
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UNITED STATES PATENT OFFICE.

HOWARD E. COFFIN, OF DETROIT, MICHIGAN.

RUNNING-BOARD FOR AUTOMOBILES.

No. 890,963.

Specification of Letters Patent.

Patented June 16, 1908.

Application filed July 18, 1907. Serial No. 384,304.

To all whom it may concern:

Be it known that I, HOWARD E. COFFIN, a citizen of the United States of America, residing at Detroit, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in Running-Boards for Automobiles, of which the following is a specification, reference being had therein to the accompanying drawings.

The invention relates to running boards for automobiles, and has particular reference to a construction of supporting hangers and a construction and arrangement of mud and dust shield as more fully hereinafter described.

In the drawings—Figure 1 is a sectional perspective view; and Fig. 2 is a longitudinal section on line $x-x$, Fig. 1.

A is the side sill of the vehicle frame and B is the running board. This board is supported by hangers C, which are preferably struck up from a sheet metal blank, and are constructed as follows: a is a flange portion for abutting against the side of the sill A, and having apertures for the securing rivets or bolts b .

c is a hanger arm, which is of substantially U-shaped cross section, with the flanges thereof turned inward and downward. The arm c curves from the vertical to the horizontal and the latter portion d supports the running board, which may be bolted or otherwise secured thereto.

D is a mud and dust shield, which is arranged to guard the space between the sill A and the running board, and prevents the throwing of mud or dust on to the latter from the wheels of the vehicle. This shield is curved to fit the inner and lower side of the hanger C, its upper edge bearing against the sill A, and its lower edge extending to a point adjacent to the inner edge of the running board but upon the opposite side of the hanger. The shield is secured in position by attachment to the hanger, and to this end the latter is provided with ears e turned outward therefrom and bolted or riveted to the shield.

When the parts are in position, the shield D will form an effective foot running board, and, at the same time, an open space E is left between the inner edge of the board and the outer edge of the shield, which permits water to run off from the shield and facilitates cleaning.

What I claim as my invention is:

1. The combination with a running board, a side sill of a vehicle frame and a shield; of a hanger for said running board consisting of a struck up sheet metal arm of U-shape section, said arm curving from a vertical to a horizontal plane, flanges on said vertical portion for engaging said side sill and out-turned flanges upon said horizontal portion for engaging said mud shield.

2. The combination with a running board and a side sill of a vehicle frame, of a hanger for said running board consisting of a struck up sheet metal arm of channel shape cross section, said arm curving from a vertical to a horizontal plane, flanges on said vertical portion for engaging said side sill, out-turned flanges upon said horizontal portion and a shield secured to the inner and lower side of said hanger by means of the flanges upon said horizontal portion, said shield extending from said sill to a point beneath said running board and being separated from the latter by the intervening hanger section.

3. The combination with a running board and the side sill of a vehicle frame, of a supporting hanger and a shield secured to said hanger extending from said sill to a point beneath the inner edge of said running board and being separated from the latter, for the purpose described.

4. The combination with a running board and the side sill of a vehicle frame, of a supporting hanger extending beneath said running board, a shield secured to the inner and lower side of said hanger and extending from said sill to a point beneath said running board, being separated from the latter by the intervening hanger section.

5. The combination with a running board and side sill of a vehicle frame, of a hanger consisting of a struck up sheet metal blank having a channel section with the side flanges thereof extending inward and downward, outwardly extending flanges at the upper end of said hanger for securing the same to said sill, a dust shield between said sill and running board and outwardly extending ears upon said hanger for securing said shield thereto.

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

HOWARD E. COFFIN.

Witnesses:

AMELIA WILLIAMS,
NELLIE KINSELLA.