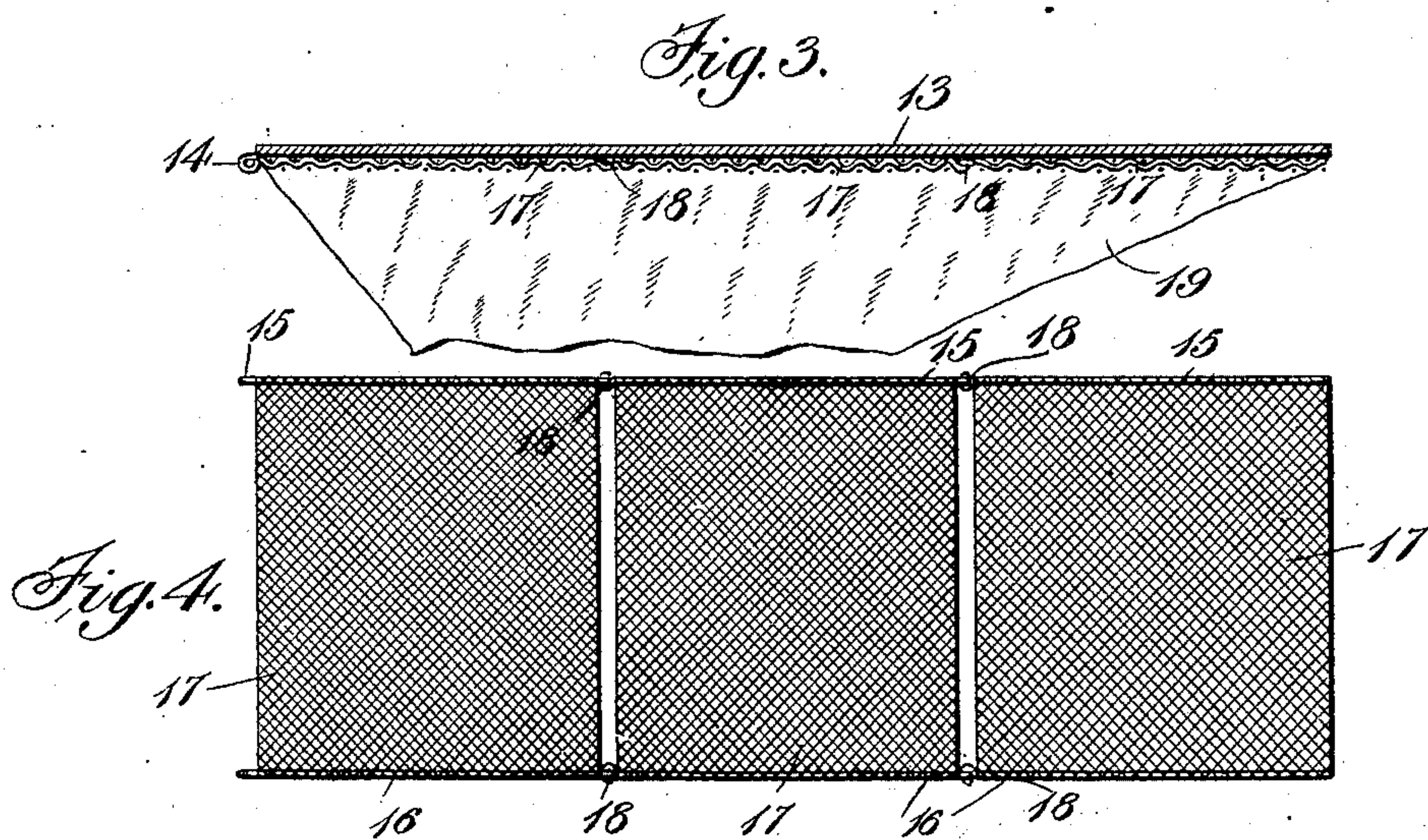
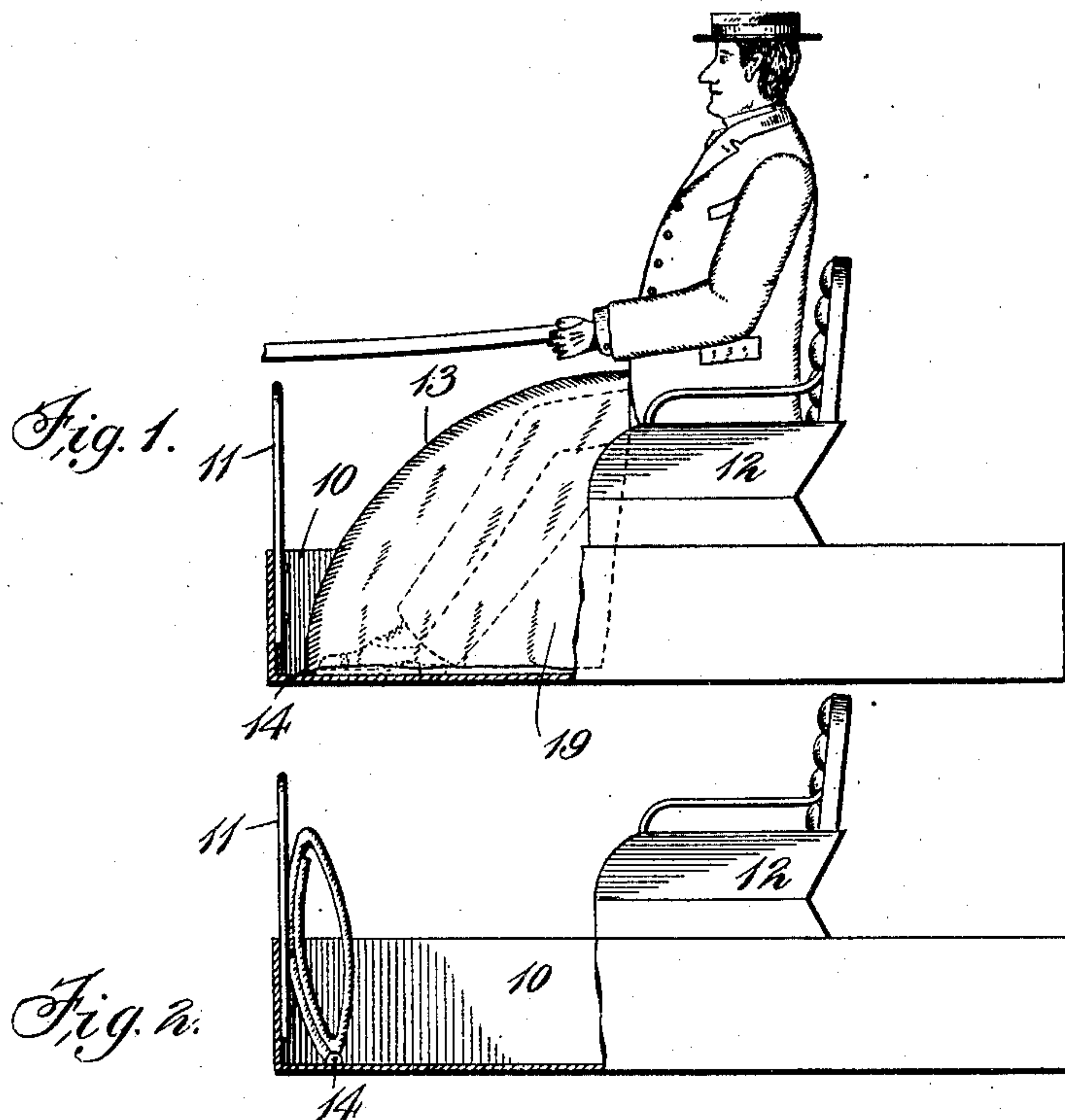


No. 840,081.

PATENTED JAN. 1, 1907.

A. J. MILLER.
STORM APRON.

APPLICATION FILED DEC. 22, 1905.



Inventor

Witnesses

W. H. Curand

M. A. Schmidt

By

Andrew J. Miller,

Milo P. Stevens & Co. Attorneys.

UNITED STATES PATENT OFFICE.

ANDREW J. MILLER, OF HENDERSON, KENTUCKY.

STORM-APRON.

No. 840,081.

Specification of Letters Patent.

Patented Jan. 1, 1907.

Application filed December 22, 1905. Serial No. 292,978.

To all whom it may concern:

Be it known that I, ANDREW J. MILLER, a citizen of the United States, residing at Henderson, in the county of Henderson and State of Kentucky, have invented new and useful Improvements in Storm-Aprons, of which the following is a specification.

This invention is a storm-apron for a buggy or other vehicle; and it consists in a folding frame which supports a waterproof cover, the latter having side extensions or flaps, so that the entire lower part of the person will be protected. When not in use, the apron can be rolled up or folded and pushed over against the dashboard, so as to be out of the way.

The invention is shown in the accompanying drawings, in which—

Figure 1 is a side elevation showing the apron in use. Fig. 2 is a similar view showing the apron folded. Fig. 3 is a longitudinal sectional view of the apron. Fig. 4 is a plan view of the supporting-frame.

Referring specifically to the drawings, 10 denotes the side-boards of the buggy-body, 11 the dashboard, and 12 the seat.

The apron, which is denoted by the reference-numeral 13, comprises a sheet of waterproof fabric, which is fastened to a frame having a pivotal connection, as at 14, to the side-boards or some other convenient place on the buggy-body. This frame comprises a number of sections, which are joined endwise by a hinge connection, so that the apron can be folded or rolled up when not in use. Each section comprises two rods 15 and 16, respectively, which form a frame to which is

secured a wire fabric 17, said fabric being of sufficient strength to support the apron. The rods of one section are connected to those of the adjoining section by loops 18 or other suitable means, whereby a hinge connection between the sections is had.

The apron 13 is fastened to the folding frame in any suitable manner and has side extensions or flaps 19, so that the entire lower part of the person can be covered when the apron is in use.

When the apron is not in use, the side extensions 19 are folded inwardly against the supporting-frame, and the latter is rolled up or folded and swung forward against the dashboard, as shown in Fig. 2, in which position it will be out of the way.

The front end of the apron can also be provided with an extension, so that the entire front of the person up to the chin can be covered.

I claim—

A storm-apron for vehicles comprising a foldable supporting-frame pivotally connected to the vehicle-body, said frame comprising a number of wire-fabric sections which are joined enwise by a hinge connection, and a cover secured to the frame and foldable there- with.

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

ANDREW J. MILLER.

Witnesses:

S. K. SNEED, Jr.,
ALVA BLACKWELL.