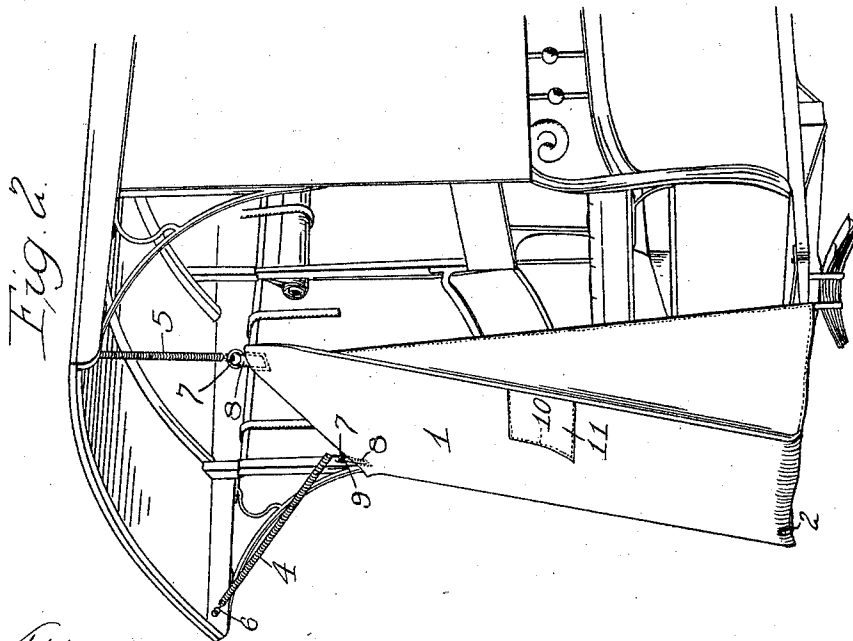
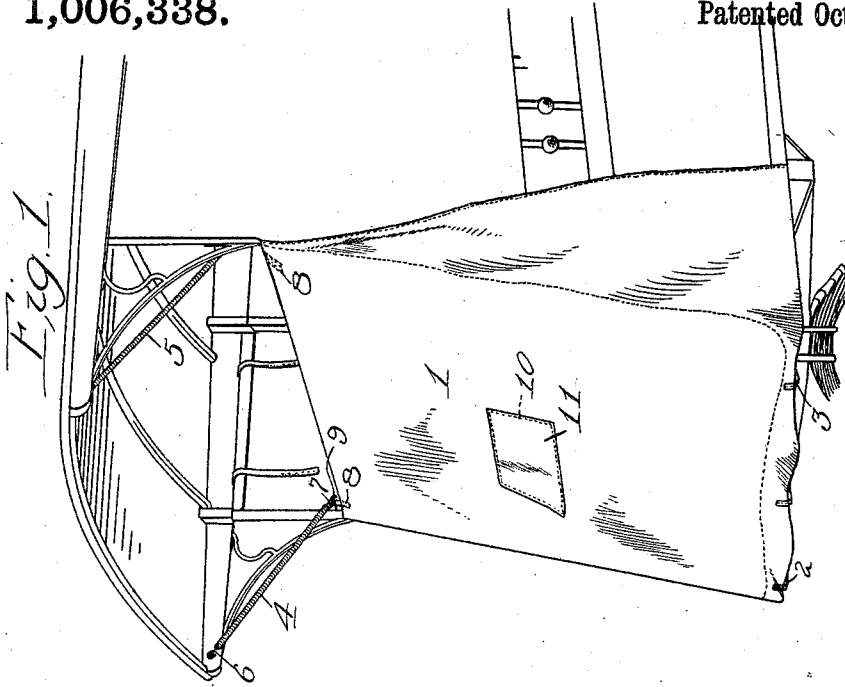


E. S. ZIEGLER.
STORM APRON.

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1,006,338.

Patented Oct. 17, 1911.



Attest.
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UNITED STATES PATENT OFFICE.

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STORM-APRON.

1,006,338.

Specification of Letters Patent.

Patented Oct. 17, 1911.

Application filed May 25, 1911. Serial No. 629,473.

To all whom it may concern:

Be it known that I, EDWIN STICK ZIEGLER, a citizen of the United States, residing at York, York county, Pennsylvania, have invented certain new and useful Improvements in Storm-Aprons, of which the following is a specification.

This invention relates to a storm apron for vehicles and the like and the object of the invention is to provide a simple arrangement that will permit quick and easy access to and exit from the vehicle from either side.

The invention relates to the features of construction and combination and arrangement of parts hereinafter described and particularly pointed out in the claim.

The invention is illustrated in the accompanying drawings, in which:—

Figure 1 is a perspective view showing the apron closing the front of a wagon, and Fig. 2 is a like view showing one side of the apron open to permit access to the wagon.

In the drawings, 1 represents any suitable form of storm apron, secured by straps 2 and 3 to the toe board of the wagon. The top of the apron is supported by springs 4 and 5 from the top of the wagon. As shown in the drawings the springs are secured to the top by snaps 6 and to the apron by rings 7 carried by straps 8 secured to the apron. On the front posts of the wagon are located hooks 9, which are adapted to be engaged by the rings 7 when the apron is closed, as shown in Fig. 1, and the near side of Fig. 2. The usual opening 10 for the passage of the reins is provided in the apron, covered by a flap 11.

When the driver wishes to get out of his wagon he simply releases the rings at either side, depending on from which side he wishes to get out of the wagon, and in so doing the springs immediately draw the

apron into a perpendicular position and take it out of his way, giving him free passage to and from the wagon. It will be seen that by the use of the springs, the apron, as soon as the ring is released from the hook, is pulled away from the post so as to leave a free space for the driver to get out. Also the apron is held in such a position as to prevent its dragging in the dirt or becoming entangled with the lines, and as the apron is held in a taut perpendicular position the lines can be left hanging in the opening 10.

The above features will be especially appreciated when the horse is of a fractious nature as the driver can get into the wagon quickly and secure hold of the lines at once, and there is no danger of getting entangled in the cover or lines. Furthermore, on account of the instantaneous action of the springs, the device is especially suited for use on delivery wagons where the driver has to deliver packages as he can get in and out of the wagon much quicker than with the devices now in use.

I claim as my invention:—

The combination with a covered vehicle of a storm apron carried at the front thereof, connections between the upper and lower edges of said apron and the top and front end of the body of the vehicle, one of said connections being an elastic extensible connection adapted to normally hold said curtain in a substantially vertical plane, and means for detachably holding the upper edge of the curtain deflected rearwardly against the tension of said elastic connection, substantially as described.

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

EDWIN S. ZIEGLER.

Witnesses:

JOHN A. HOOBER,

GEORGE S. DELLINGER.