

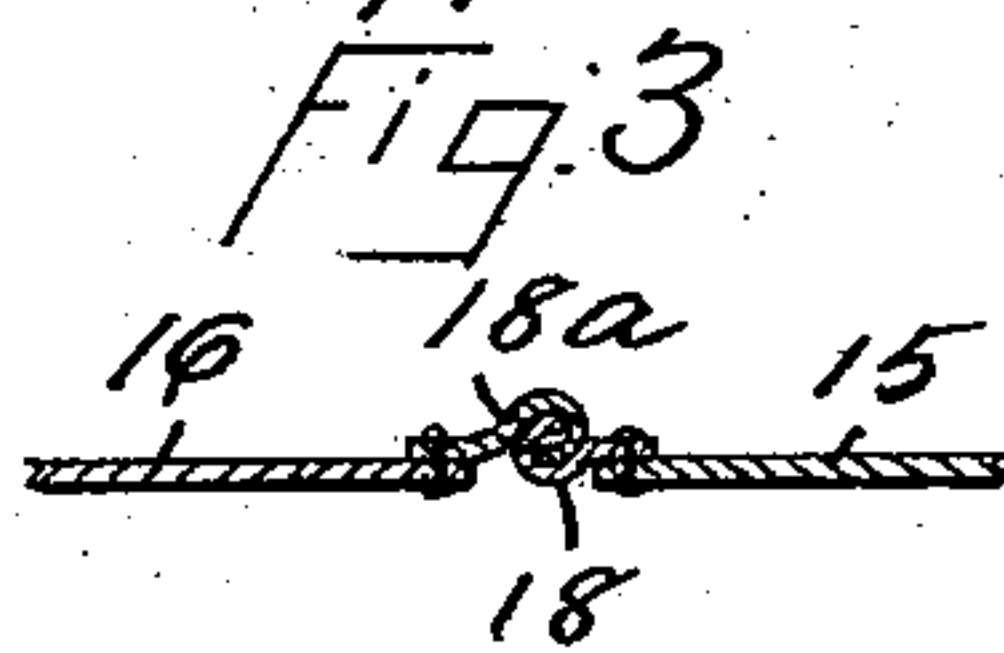
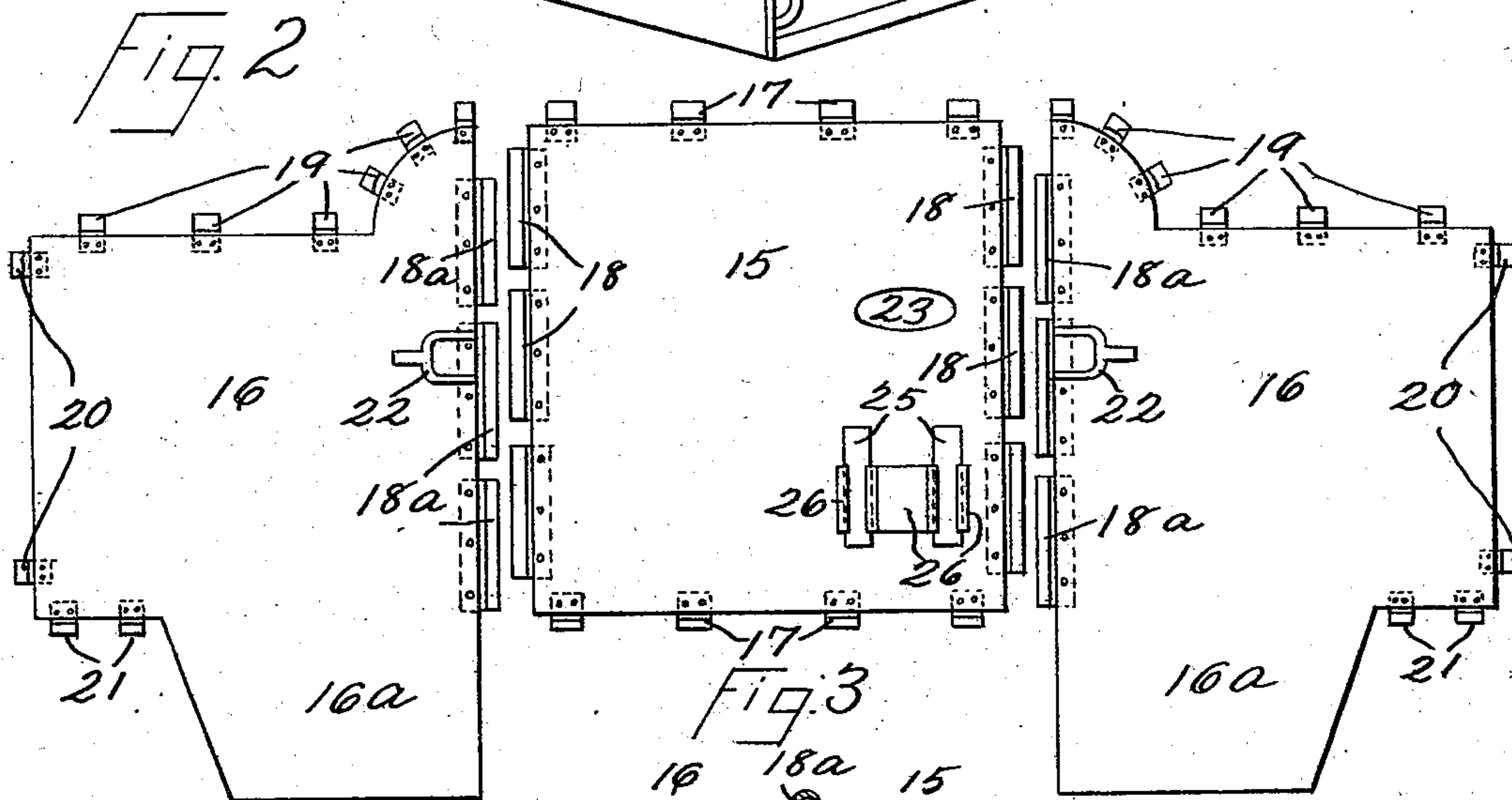
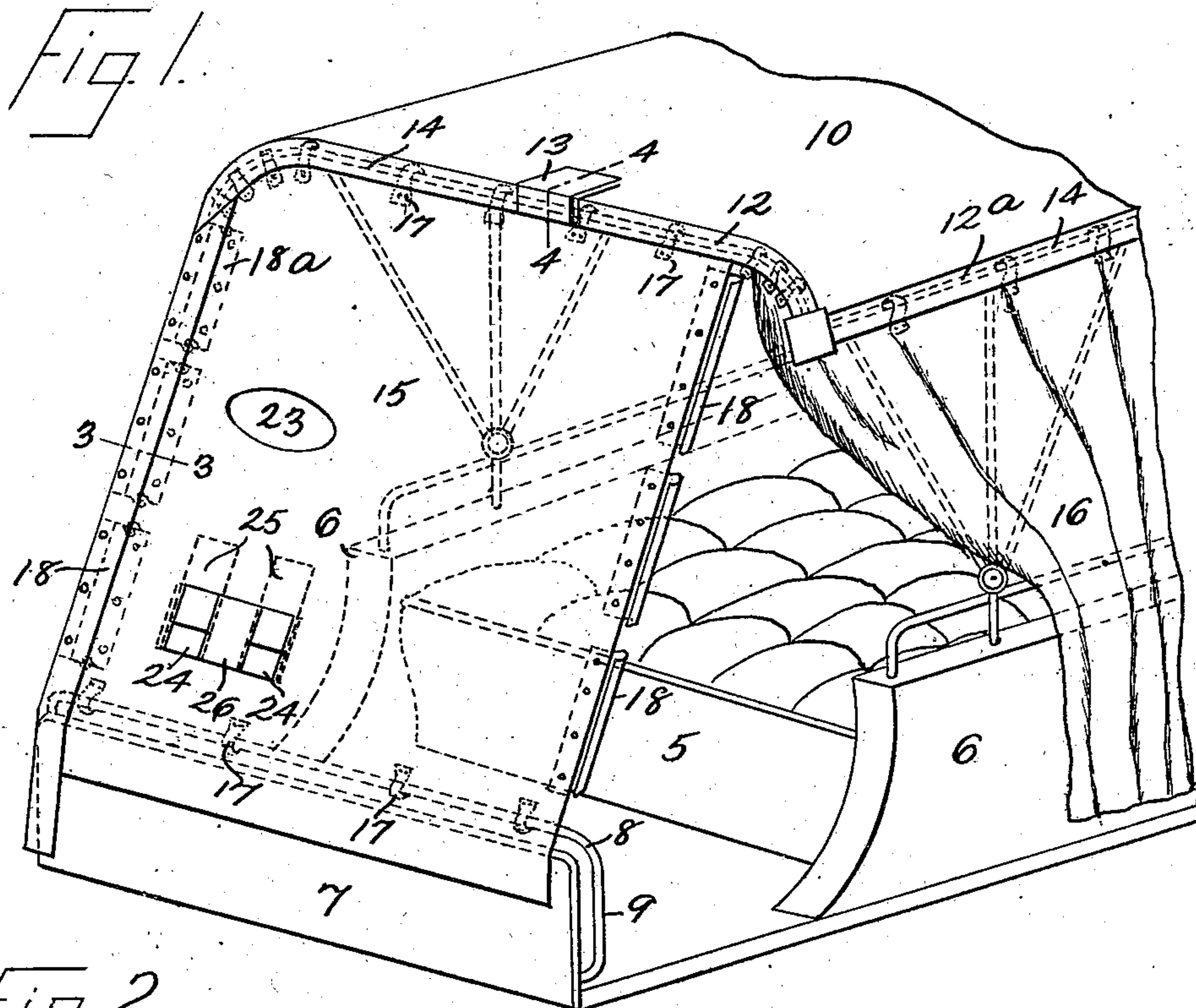
No. 724,593.

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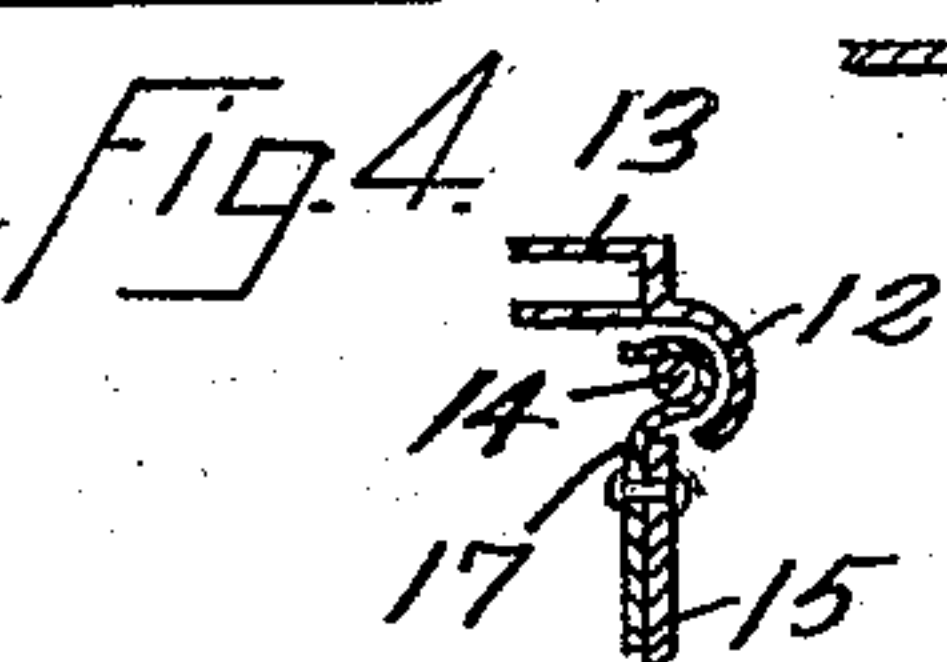
B. S. D. S. MARTIN.
STORM CURTAIN FOR BUGGIES.

APPLICATION FILED AUG. 19, 1902.

NO MODEL.



WITNESSES
J. C. Laper
L. A. Stewart



INVENTOR
Bernard S. D. S. Martin

BY

Edgar Tate & Co.

ATTORNEYS

UNITED STATES PATENT OFFICE.

BERNARD S. D. S. MARTIN, OF McPHERSON, KANSAS.

STORM-CURTAIN FOR BUGGIES.

SPECIFICATION forming part of Letters Patent No. 724,593, dated April 7, 1903.

Application filed August 19, 1902. Serial No. 120,203. (No model.)

To all whom it may concern:

Be it known that I, BERNARD S. D. S. MARTIN, a subject of the King of Great Britain, residing at McPherson, in the county of McPherson and State of Kansas, have invented certain new and useful Improvements in Storm-Curtains for Buggies, of which the following is a full and complete specification, such as will enable those skilled in the art to which it appertains to make and use the same.

The object of this invention is to provide an improved storm-curtain for buggies or similar vehicles, said curtain being composed of three separate parts and being adapted to be detachably connected with the top or body of the vehicle whenever desired, so as to completely inclose the same or the front thereof; and with this and other objects in view the invention consists of a storm-curtain for buggies or similar vehicles constructed as hereinafter described and claimed.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which—

Figure 1 is a perspective front view of part of the top or body of a buggy provided with my improved storm-curtain; Fig. 2, an inside view of the separate parts of the curtain detached from the vehicle and shown on a reduced scale, the parts of the curtain being also detached from each other, but shown in proper relative position; Fig. 3, a section on the line 3 3 of Fig. 1, the parts in Fig. 1 being extended; and Fig. 4, a section on the line 4 4 of Fig. 1.

In the drawings forming part of this specification I have shown at 5 the body of the buggy or similar vehicle, the rear part thereof being broken away, and said body is provided with sides 6 and a dashboard 7, to which is secured a transversely-ranging rail 8, having downwardly-directed or vertically-arranged end portions 9, and said body is provided with the usual collapsible hood 10, a portion of which is broken away and the side curtains of which are omitted, so as to fully show the method of detaching my improved storm-cur-

tain, and the ordinary side curtains, which form a part of the hood 10, may be entirely omitted.

In the practice of my invention I connect with the forward and the side edge portions of the top or hood 10 strips 12 and 12^a, which are segmental or curved in cross-section, the convex sides being directed outwardly, and the said strip 12 is connected centrally at 13 with the top 10 by means of an angular plate which overlaps the said top. Suitably supported rearwardly of or within the curved strips 12 and 12^a are rods 14, the purpose of which will be hereinafter described.

My improved storm-curtain consists of a main front portion 15 and side portions 16. The said central portion 15 is provided at its upper and lower edges with hook-shaped devices 17, which are respectively connected in detaching said member 15 to the vehicle with the rod 14 at the top of the front portion of the vehicle-hood, as clearly indicated in Fig. 1, and with the rail 8, as is also shown in said figure. The side portions of the part 15 of the curtain are also provided with elongated hook-shaped devices 18, and the side members or sections 16 of the curtain are also provided with corresponding elongated hook-shaped members 18^a, which are adapted to engage with the member 18 on the main front portion 15 of the curtain in the operation of connecting the parts of the curtain, as hereinafter described. The side parts or portions 16 of the curtain are also provided at the top edges with hooks 19, similar to the hooks 17 on the central part or portion of the curtain, and these hooks 19 are adapted to be connected with the ends of the rod 14 in the front top portion of the hood and with the rods 14 at the top of the side portion of the hood. The side parts or portions 15 of the curtain are also provided at their rear edges with hooks 20, similar to the hooks 19, and at the bottom rear edges with hooks 21, similar to the hooks 19 and 20, and in practice the hooks 20 may be connected with the back of the hood 10, which is not shown, and the hooks 21 may be connected with the sides 6 of the body of the vehicle in any desired manner, and said side parts or portions 16 of the cur-

tain are also provided with downwardly-directed parts or members 16^a, which are intended to fill or cover the space between the sides 6 of the body of the vehicle and the dashboard 7.

It will be understood that the hooks 17, 19, 20, and 21 constitute fastening devices for holding separate parts of the storm-curtain in place, and the hook-shaped members 18 and 18^a constitute fastening devices for connecting the separate parts of the curtain, and these parts are so arranged on the respective parts of the curtain with which they are connected that when engaged they overlap and close the space between the same, so as to exclude drafts and rain.

The parts 16 of the curtain are preferably provided with loop-shaped handles or members 22, which serve as handles in the manipulation of the parts, so as to connect the central and side portions of the curtain and also to disconnect the same.

The central part 15 of the curtain is also provided with an opening 23, which serves as a peep-hole or view-opening for the driver of the vehicle and which is preferably arranged at one side of the said central part or portion of the curtain, and directly beneath this opening I provide two small openings 24, which are adapted to be closed by slides 25, mounted in keepers 26, secured to the part 15 of the curtain in any desired manner, or these keepers may be formed on a continuous plate secured to said curtain, if desired, and in practice the lines are passed through the openings 24.

The bottom part 16^a of the side parts of the storm-curtain may be connected with the parts 9 of the rail 8 in any desired manner or by any desired means, and my invention is not limited to the method of connecting the side part or portions 16 of the storm-curtain with the rear part or sides of the body of the vehicle, and various changes in and modifications of the construction described may be made without departing from the spirit of my invention or sacrificing its advantages.

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

1. A buggy top or body having a hood provided at the top and at the front sides thereof with rods and a dashboard having a rail extending around the top and ends thereof, and a storm-curtain composed of a front and side portions, said front and side portions of the curtain being provided at their upper edges with hooks adapted to engage said rods and at the adjacent edges with elongated hooks adapted to engage each other, the front portion of the curtain being also provided with hooks adapted to engage the rail at the

dashboard, substantially as shown and described.

2. A buggy top or body having a hood provided at the top and at the front sides thereof with rods and a dashboard having a rail extending around the top and ends thereof, and a storm-curtain composed of a front and side portions, said front and side portions of the curtain being provided at their upper edges with hooks adapted to engage said rods and at their adjacent edges with elongated hooks adapted to engage each other, the front portion of the curtain being also provided with hooks adapted to engage the rail at the dashboard, and said side portions being also provided with fastening devices at the rear and bottom edges, substantially as shown and described.

3. A storm-curtain for buggies or similar vehicles comprising a front and side portions, the front and side portions being provided at their adjacent edges with elongated hooks adapted to engage each other, said hooks being arranged so that hooks on one part will overlap the ends of those on the adjacent part, substantially as shown and described.

4. A buggy top or body provided with a hood having at the top or side edges supports which are longitudinally grooved on their inner sides, and rods secured thereunder, and adapted to serve as attachments for a storm-curtain, substantially as shown and described.

5. A top or body for a vehicle provided with a hood, strips secured to the front and side edges of the top of the hood and curved so as to form a longitudinal groove on their inner side, rods secured in the said grooves, and a storm-curtain comprising a front and side portions, means for connecting said portions of the curtain, hooks connected with the top edges of the curtain members for engaging said rods, and means for connecting the front portion of the hood with a dashboard, substantially as shown and described.

6. A storm-curtain for vehicles comprising a front and side portions provided at their adjacent edges with elongated hook-shaped fastening devices, and at their top edges with hooks whereby they may be connected with the top portion of the hood of the vehicle, the front portion being also provided at its bottom edge with hooks whereby it may be connected with a rail at the dashboard, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 14th day of August, 1902.

BERNARD S. D. S. MARTIN.

Witnesses:

CARL A. GRANT,
DOUGLAS M. HALL.