

No. 883,167.

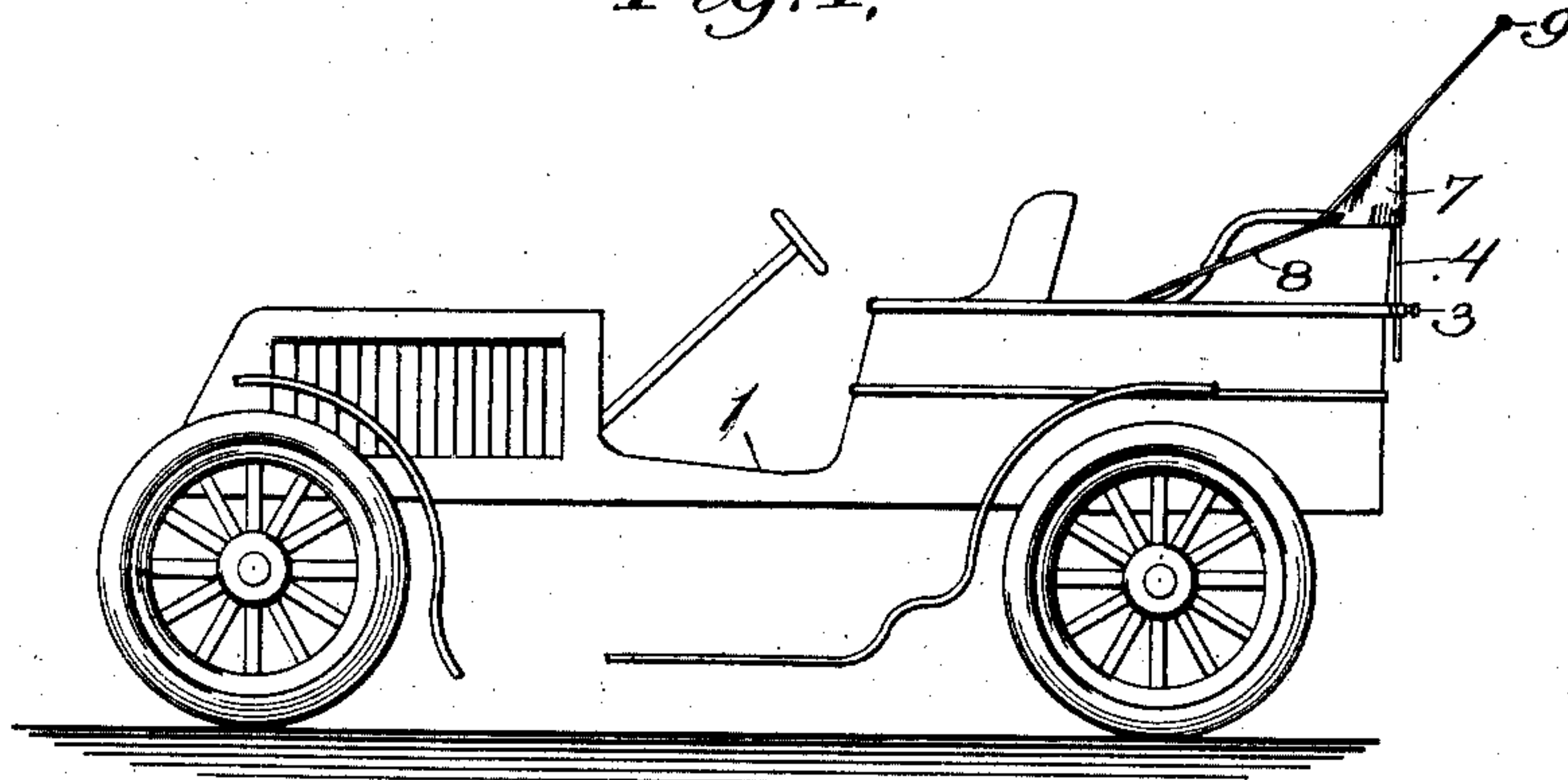
PATENTED MAR. 31, 1908.

J. H. CARPENTER, JR. & G. J. F. CARPENTER.

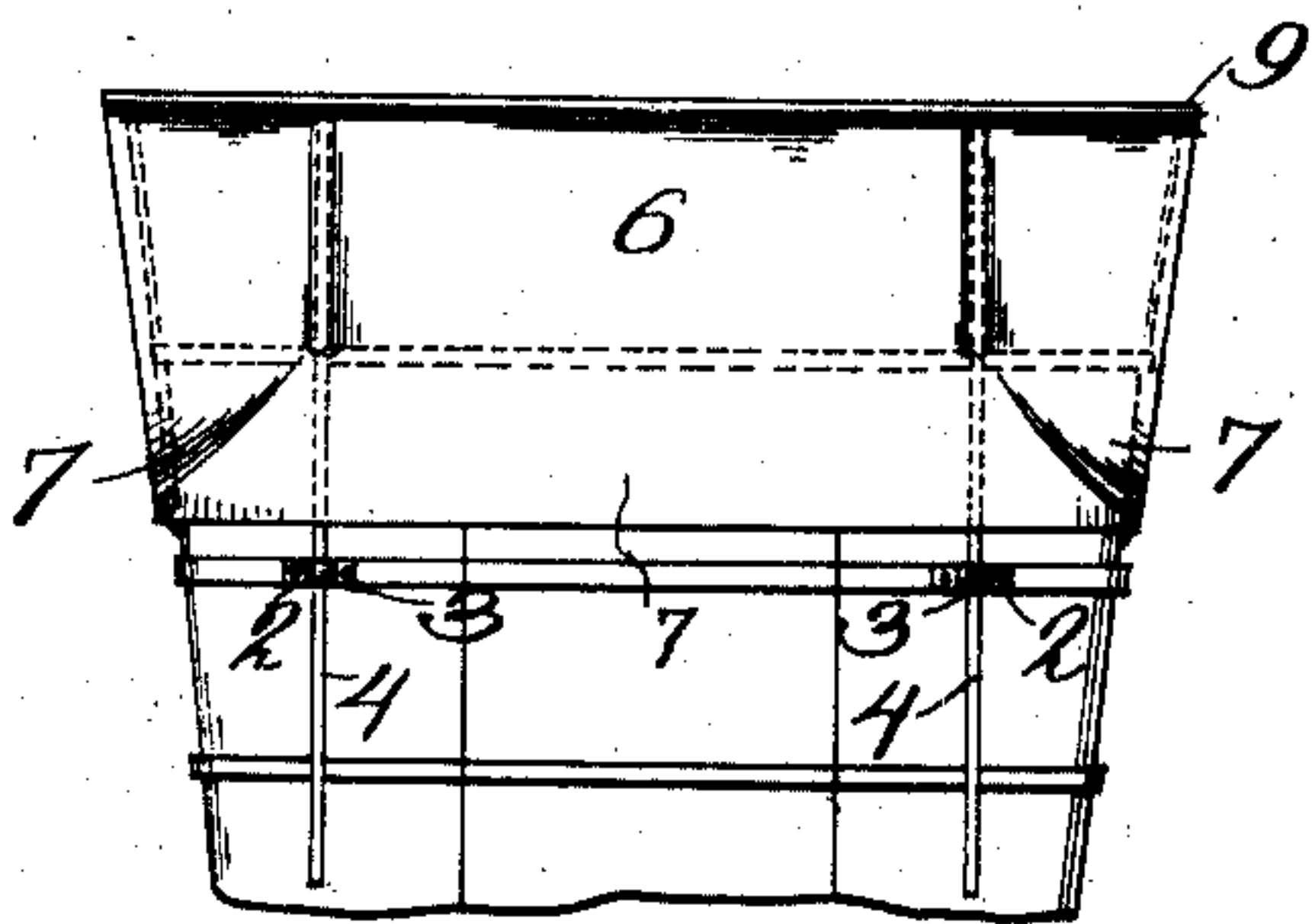
ATTACHMENT FOR MOTOR VEHICLES.

APPLICATION FILED JAN. 9, 1904.

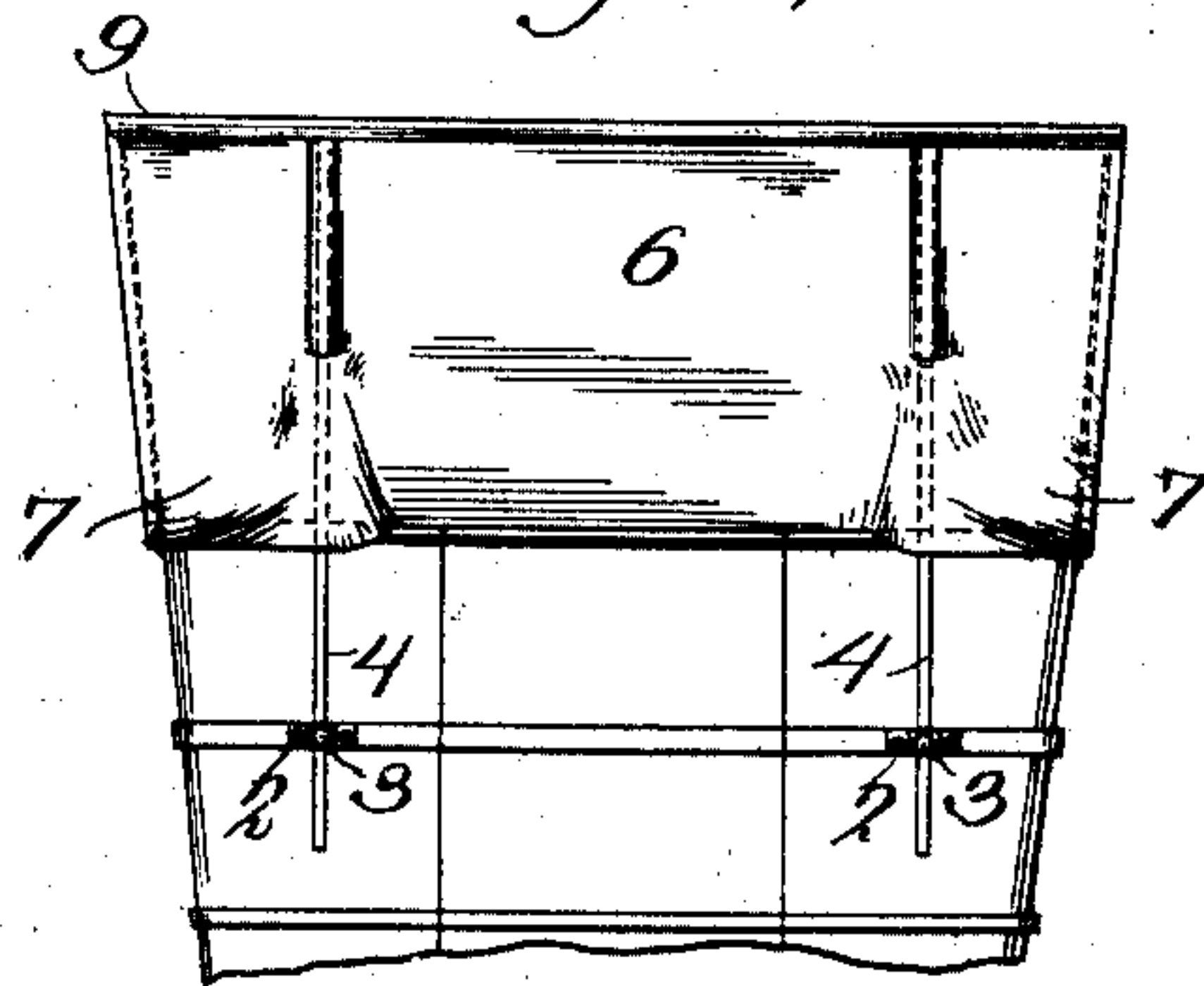
*Fig. 1.*



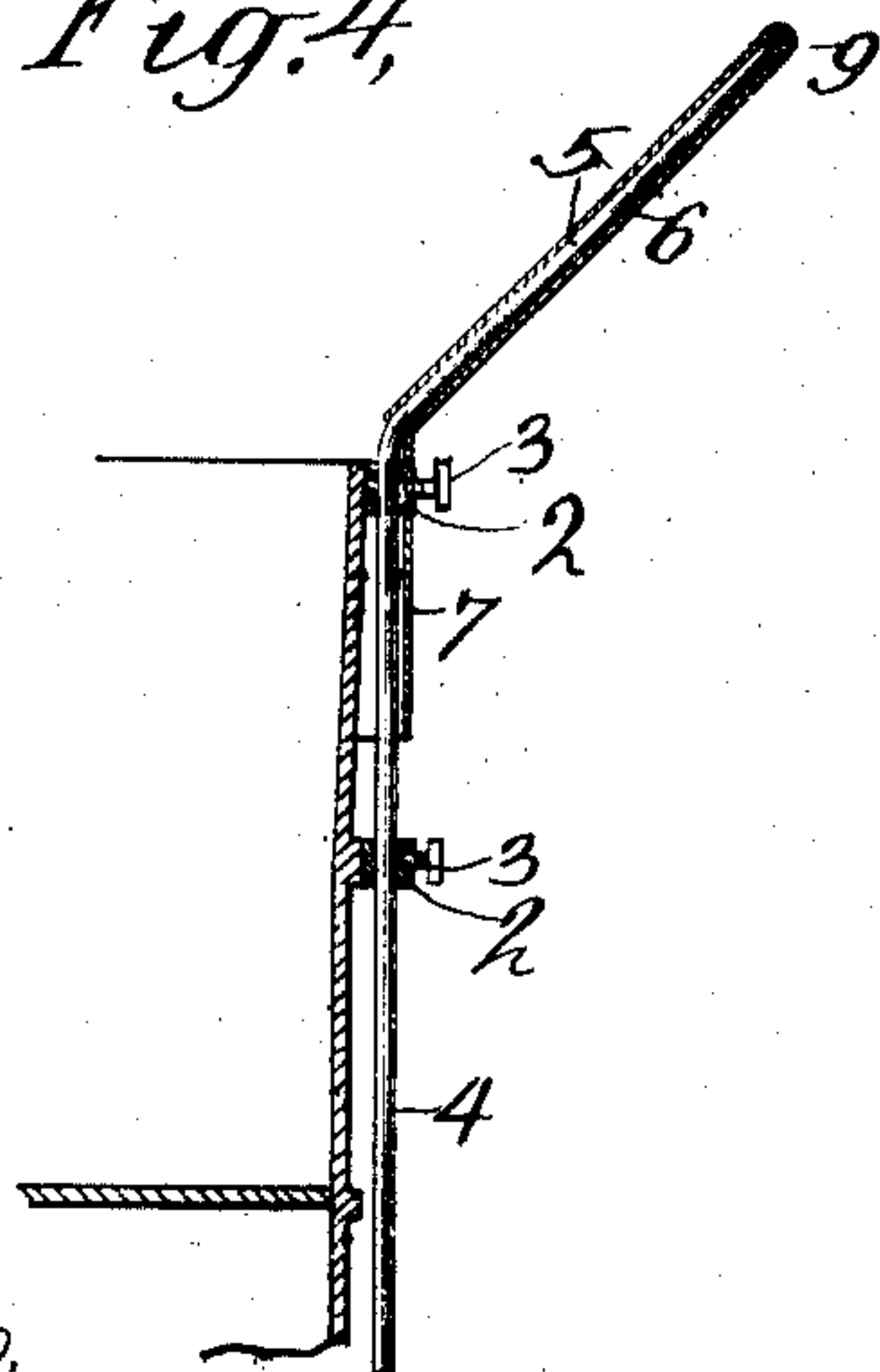
*Fig. 2.*



*Fig. 3.*



*Fig. 4.*



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# UNITED STATES PATENT OFFICE.

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## ATTACHMENT FOR MOTOR-VEHICLES.

No. 883,167.

Specification of Letters Patent.

Patented March 31, 1908.

Application filed January 9, 1904. Serial No. 188,297.

*To all whom it may concern:*

Be it known that we, JOSEPH H. CARPENTER, Jr., and GEORGE J. F. CARPENTER, citizens of the United States, and residents of Ossining, Westchester county, New York, have invented certain new and useful Improvements in Attachments for Motor-Vehicles, of which the following is a specification.

10 It is a fact well known that motor cars and other vehicles run at high speed displace a column of air and that in consequence the air at the rear of the vehicle is pressed and driven against the rear, and being dust laden, spills over the edge of the back of the vehicle and upon the occupants, causing discomfort and inconvenience.

The object of the present invention is to provide a device which shall cause the air thus displaced to pass upward and over the edge of the vehicle and the heads of the occupants, so that the pressure of the air in the rear of the vehicle shall be relieved and counteracted.

25 To accomplish the stated object of the invention we attach to the rear of the vehicle a plane surface or screen, inclined backwards from the vehicle and upwards from the horizontal line, and preferably at an angle of about 45 degrees, and adjustable so as to be equal to or slightly higher than the top of the occupant's head gear.

The invention will be understood by reference to the accompanying drawings in which 35 Figure 1 is a side elevation of a motor car fitted with one form of our invention; Figs. 2 and 3 end views of the same on a larger scale, showing the screen in different positions; and Fig. 4 is a side view.

40 Similar reference numerals indicate similar parts in the several views.

Referring to the drawings the numeral 1 designates a motor car or vehicle of any approved type to which our invention may be adapted. Supported in brackets 2, and vertically adjusted therein by means of set screws 3, or other suitable means, are posts or stanchions 4, having their upper portions 5 bent rearwardly and preferably at an angle

of about 45 degrees to the lower portions. 50 The posts 4 are supported at or near the rear corners of the vehicle and to the inclined portions 5 is secured a screen 6 of canvas or other material of suitable character. It has been found necessary in order to secure the desired result that the inclined plane or screen 6 shall extend from the top edge of the vehicle to the top of the occupant's head gear, but not be any higher than is necessary therefor. We therefore attach to 60 the lower edge of the screen 6 an apron 7 or extension thereof so that when the screen 6 is in an elevated position as shown in Fig. 3, the apron 7 will fill the space between the top edge of the vehicle and the lower edge of 65 the screen. The apron 7 may be attached to the vehicle by cords 8.

If desired a rod 9 may be secured to the upper extremities of the posts 4 and the upper edge of the screen 6 fastened thereto, to 70 give greater rigidity to the frame.

It will be apparent from the above description that the column of air otherwise displaced by the vehicle is diverted upward by the inclined plane or screen 6 and permitted 75 to escape at the rear of the vehicle so as to reduce the pressure from behind and counteract any forward or following movement of the air.

What we claim and desire to secure by 80 Letters Patent is:—

A device of the character described including a frame adjustably fastened to the rear frame of a vehicle comprising a sheet of canvas rigidly mounted on said frame, strengthening ribs intermediate of the side rods of 85 said frame, said strengthening ribs being so shaped as to form a double deflecting line at the rear end of said vehicle.

In witness whereof we have hereunto 90 signed our names in the presence of two subscribing witnesses.

JOSEPH H. CARPENTER, JR.  
GEORGE J. F. CARPENTER.

Witnesses:

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