

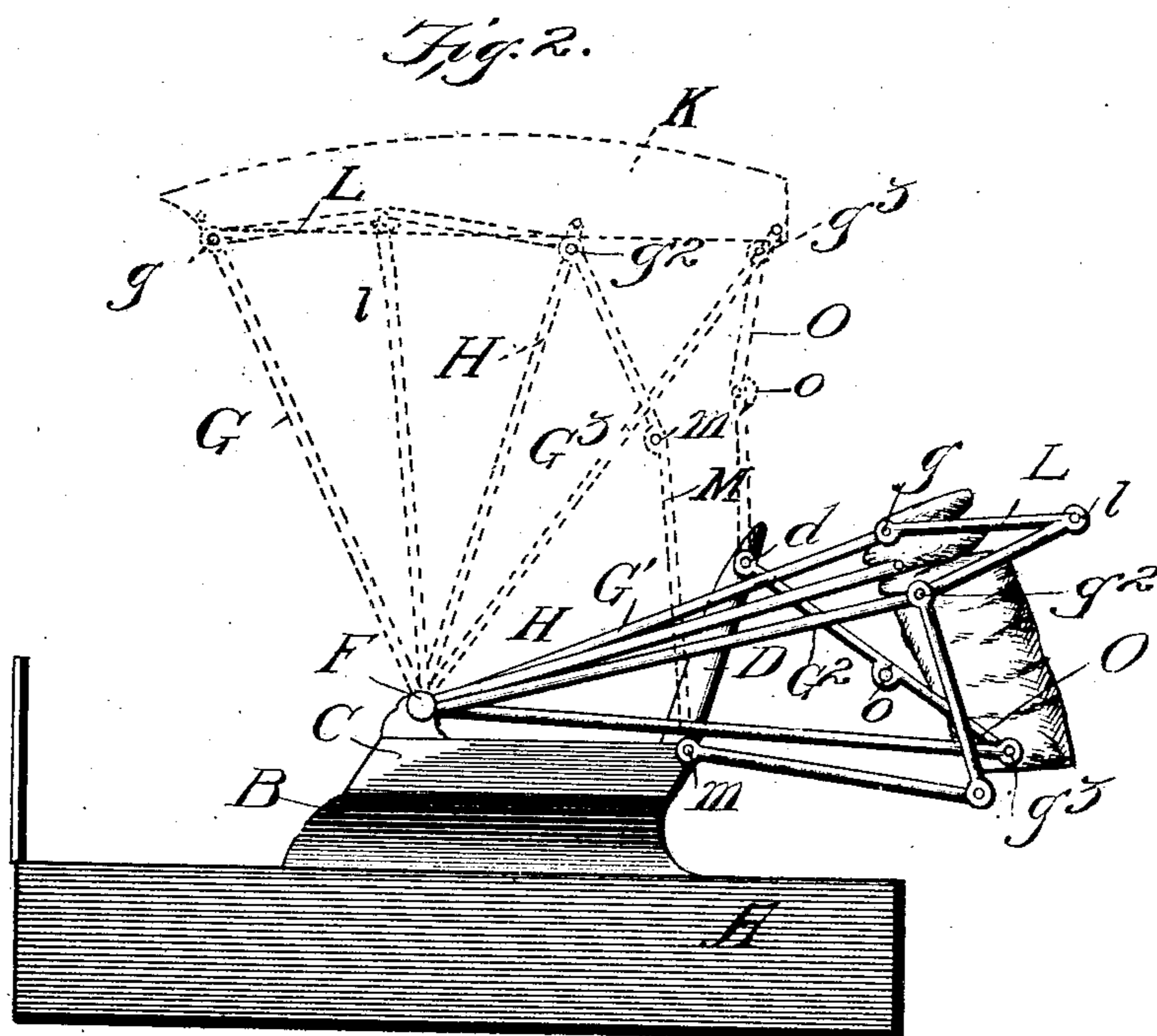
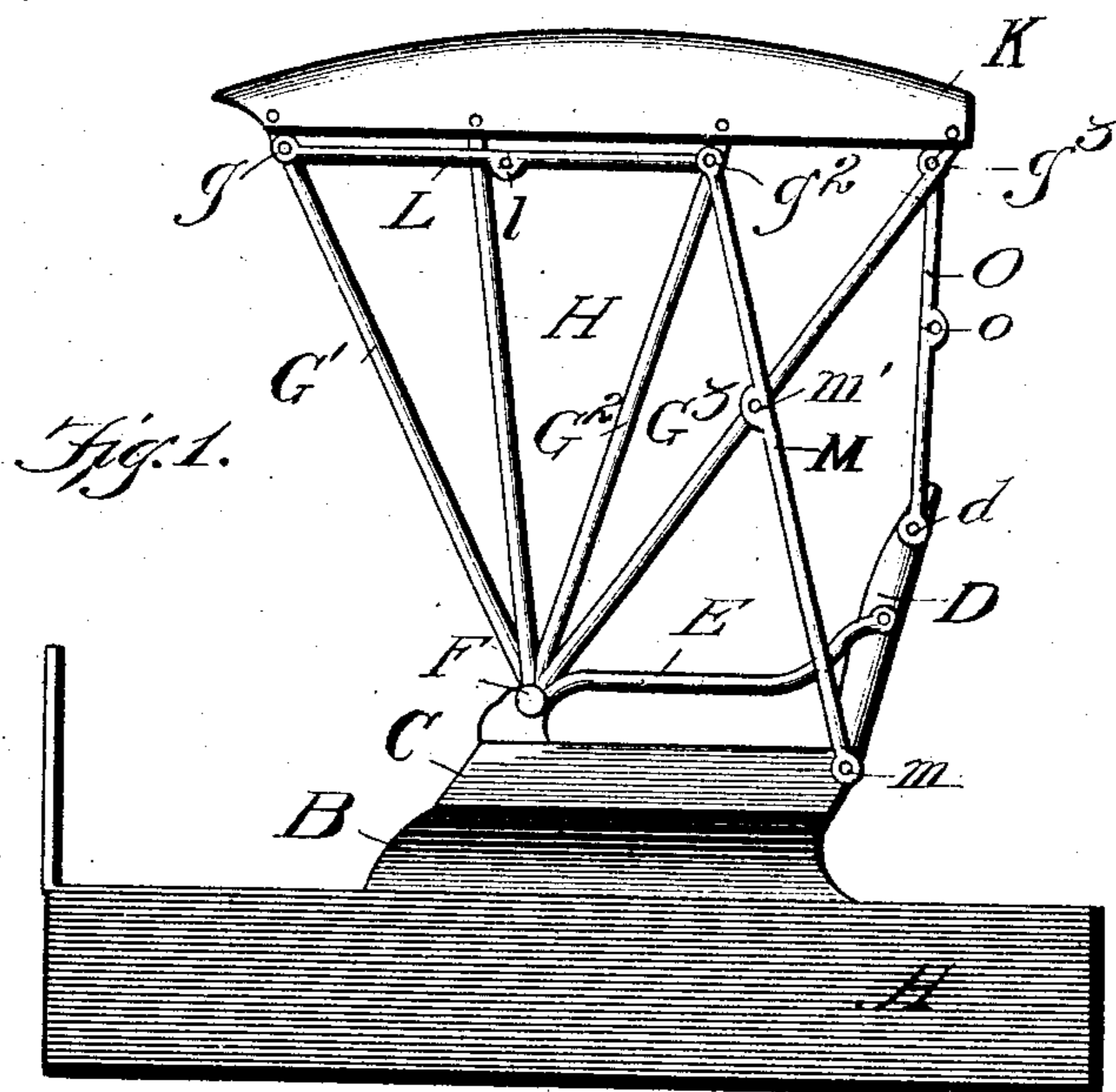
No. 786,138.

PATENTED MAR. 28, 1905.

P. W. & D. D. MOYER.

BUGGY TOP BRACE.

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WITNESSES:

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UNITED STATES PATENT OFFICE.

PERRY W. MOYER AND DOCTOR D. MOYER, OF LURAY, VIRGINIA,
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BUGGY-TOP BRACE.

SPECIFICATION forming part of Letters Patent No. 786,138, dated March 28, 1905.

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To all whom it may concern:

Be it known that we, PERRY W. MOYER and DOCTOR D. MOYER, citizens of the United States, and residents of Luray, in the county of Page and State of Virginia, have invented certain new and useful Improvements in Buggy-Top Braces, of which the following is a specification.

Our invention is an improvement in that class of buggies having folding tops.

The invention is embodied in the construction, arrangement, and attachment of a brace, as hereinafter described, and more definitely set forth in the claims.

In the drawings which fully illustrate our invention, Figure 1 is a side elevation of a buggy-body fitted with a top constructed according to our invention, the top being represented in raised position. Fig. 2 is also a side elevation, but in this view the top is represented as folded, and in dotted lines the top is represented in a nearly-raised position.

Throughout the drawings and specification the same letters of reference denote like parts.

Referring more particularly to the parts, A represents a buggy-body of common form, comprising a seat B, around which is attached the usual guard C. At the rear the seat is provided with a back D, constituting an extension of the guard C; which back is suitably braced at the sides by side brackets E. At the forward portions of the side brackets studs F are provided, which constitute pivots for the bows G of the frame H, preferably four in number, the same diverging upwardly in the usual manner and enabling the attachment of a cover K. At each side near the cover K top-braces L are arranged, the same having hinge-joints *l* and having their extremities pivotally attached to the most forward bow G' at *g* and to the bow G² adjacent to the rearmost bow at *g*². Main braces M attach at the joints *g*², and their lower extremities attach pivotally at the points *m* near

the rear of the guard C. These main braces have the usual hinge-joints *m*'.

It is a special feature of our invention that the jointed brace O is pivoted to the seat-back B at a point far enough above the pivotal connection F of the top bows with the seat C to enable it when the top is lowered or folded, as shown in Fig. 2, to not only support the top in such position but to hold it rigidly, so that it will not be raised by jolts or oscillations of the wagon-body A. Thus the brace or stay O is pivoted at one end *b* to the top portion of the buggy and at the other end to the top portion of the rear bow G³. The two stays or braces are provided with the usual rule-joint *o*, which allows them to yield or bend forward when the top is to be folded and lowered, and which when the brace O is extended, as shown by means of full lines in Figs. 1, 2, maintains itself, with its parts or members, in rigid alinement, and thus braces or supports the top in the desired manner. It will be apparent that these functions could not be performed if the two braces O were not thus jointed and also pivoted above the pivotal points F of the top.

What we claim is—

1. The combination with a seat, a rigid back therefor, and a folding top pivoted to the seat at the point F, of a rear brace or stay O which is pivotally connected with the rear portion of the top and also with the seat-back at a point above the plane of the top pivot, and provided with a rule-joint as shown and described, whereby the said brace is adapted to support the top and hold it rigid in either the raised or lowered position, substantially as described.

2. The combination with the seat and a folding top pivoted to the seat, of a rear brace or stay O which is pivotally connected at its lower end to a rigid support in rear and above the plane of the pivot of the top and is pivoted at its upper end to the rear portion of the top and is provided between its ends with

a rule-joint, said brace or stay being movable
freely at said rule-joint in the arc of a circle,
the center of which is the pivot of the lower
end of the brace, all substantially as de-
5 scribed, whereby the brace may be set with
its sections in alinement to support the top
when raised and to hold the top when low-
ered, whereby the top may be rigidly held in

either raised or lowered position, substan-
tially as set forth.

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Witnesses:

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