

W. H. STEVENS.  
CUSHION SUPPORT FOR BUGGY TOPS.  
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Patented June 8, 1909.

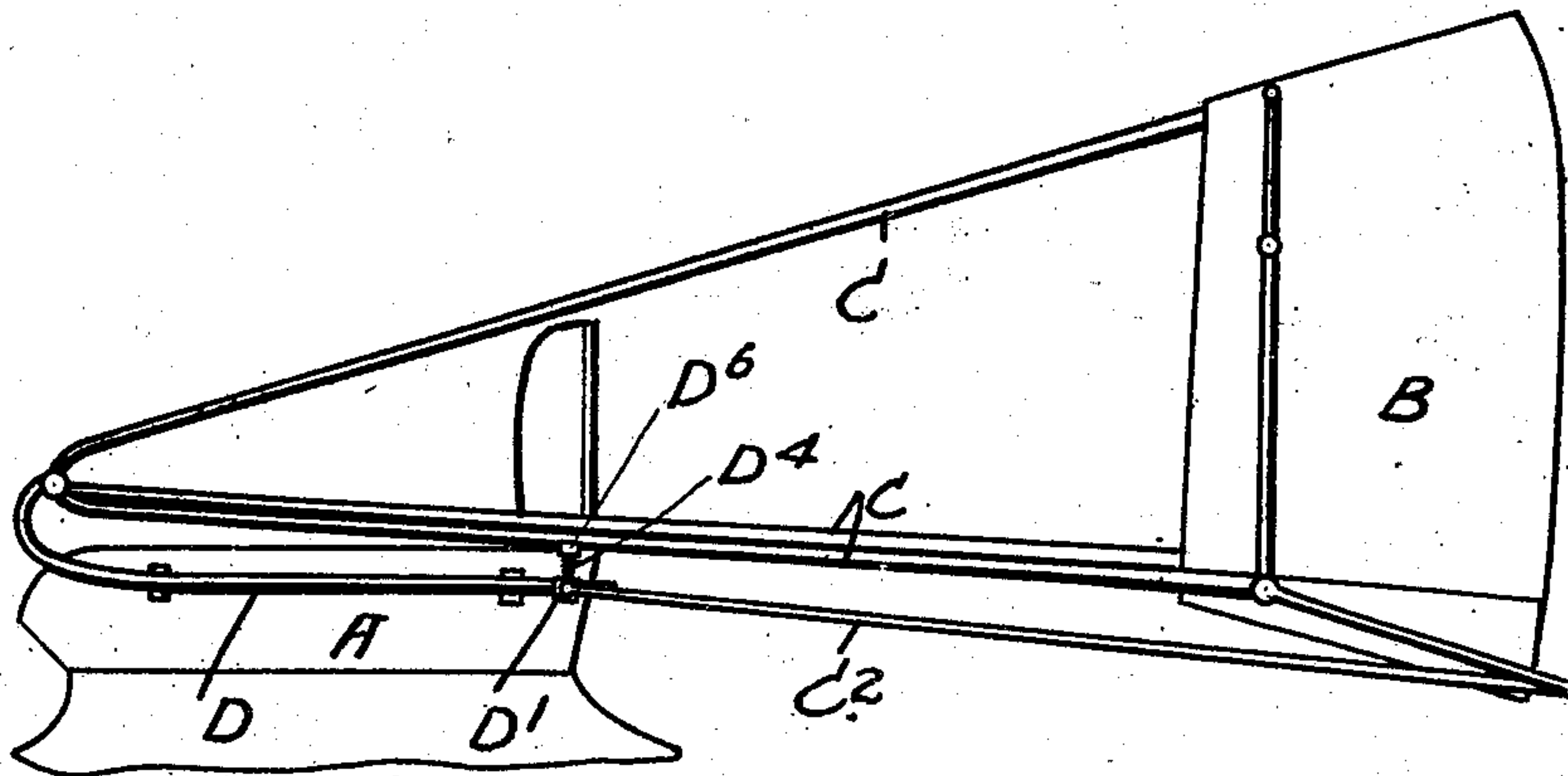


FIG. 1.

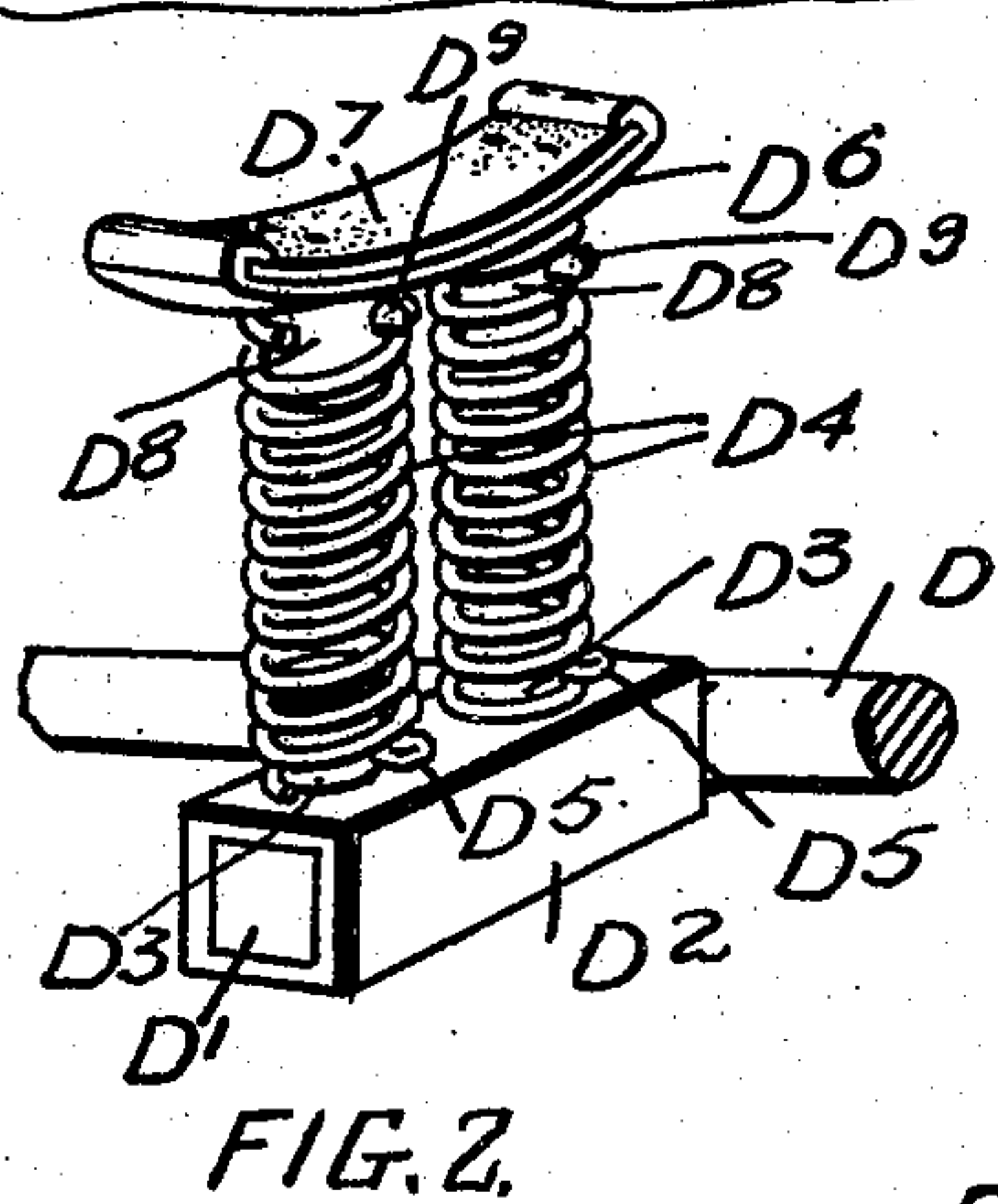


FIG. 2.

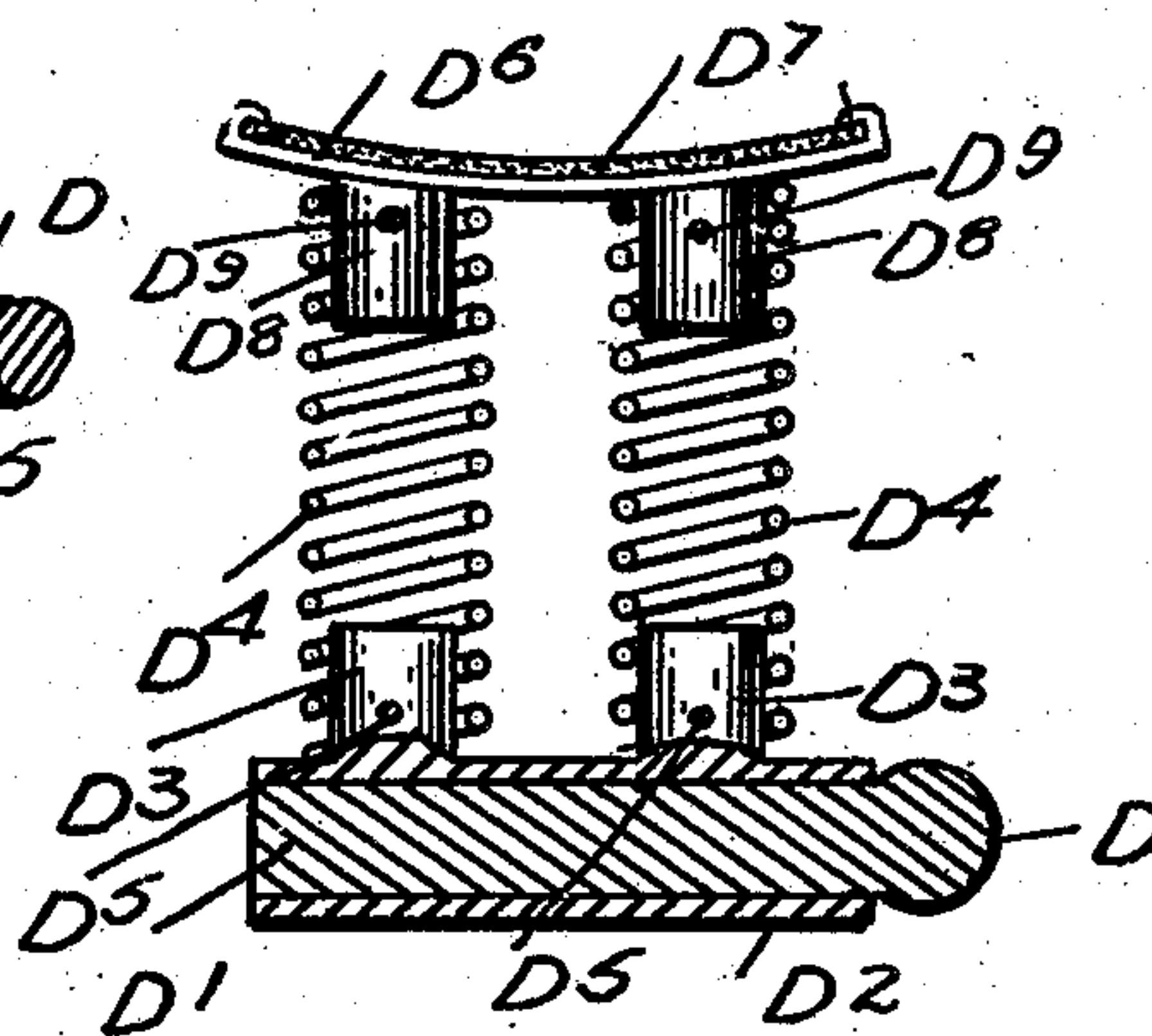


FIG. 3.

WITNESSES.

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att'y

# UNITED STATES PATENT OFFICE.

WILLIAM HENRY STEVENS, OF LINDSAY, ONTARIO, CANADA.

## CUSHION-SUPPORT FOR BUGGY-TOPS.

No. 923,907.

Specification of Letters Patent.

Patented June 8, 1909.

Application filed October 15, 1907. Serial No. 397,529.

*To all whom it may concern:*

Be it known that I, WILLIAM HENRY STEVENS, of the town of Lindsay, in the county of Victoria, in the Province of Ontario, Canada, public-school inspector, have invented certain new and useful Improvements in Cushion-Supports for Buggy-Tops, of which the following is a specification.

My invention relates to improvements in cushion supports for buggy tops, and the object of my invention is, to provide a support for the tubular frame of the buggy top which will prevent the buckling of the lower steel tubular rod of the frame due to the jolting of the vehicle and it consists essentially of a socket sleeve preferably square in cross section designed to fit on the square stud extending from the rail of the buggy seat, a rubber covered bearing piece supported on the socket sleeve by spiral springs and in which the lower steel tubular rod rests as hereinafter more particularly described by the following specification.

Figure 1, is a side elevation of a buggy top attached to a seat and showing my device in position. Fig. 2, is a perspective detail of the support. Fig. 3, is a vertical longitudinal section through the support.

In the drawing like letters of reference indicate corresponding parts in each figure.

A is the seat of the buggy.

B is the cover.

C are the tubular rods supporting the cover of the buggy and of the usual form.

D is the rail surrounding the buggy seat and D' is the stud extending from the rail. The stud D' is square in cross section and D<sup>2</sup> is a sleeve designed to fit the stud and to be

held thereon by the lower tubular rod C<sup>2</sup> attached to the end of the stud. The sleeve D<sup>2</sup> is provided with two teats D<sup>3</sup>.

D<sup>4</sup> are spiral springs attached to the teats D<sup>3</sup> by split pins D<sup>5</sup>.

D<sup>6</sup> is a cross piece curved slightly in longitudinal section and provided with a rubber cover D<sup>7</sup> secured to the upper face thereof. The ends of the piece D<sup>6</sup> may be hammered over to secure the ends of the rubber as shown in the drawings.

D<sup>8</sup> are teats formed beneath the piece D<sup>6</sup>. The springs D<sup>4</sup> are secured to the teats D<sup>8</sup> by the split pins D<sup>9</sup>.

Such a support as I have described forms a perfect cushion on which the tubular supports rest so that the jar to the tubular rods is obviated. Also such a support as I have described will not get out of order or lose its resiliency.

What I claim as my invention is:

A cushion support for buggy covers comprising a sleeve secured to the seat rail, said sleeve having a pair of nipples on its upper surface, a pair of coiled springs secured on the nipples, a cross piece of concave form having a pair of nipples on its under convex surface, said nipples fitting into the tops of the coiled springs and secured therein, said cross piece forming a bridge over the springs and having its ends bent upwardly, and a pad covering the upper concave face of the cross piece and having its ends gripped by the bent over ends of said cross piece.

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Witnesses:

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