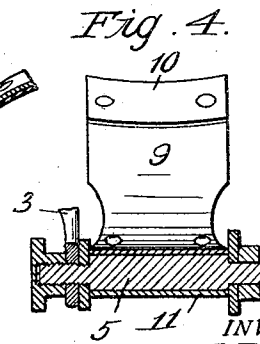
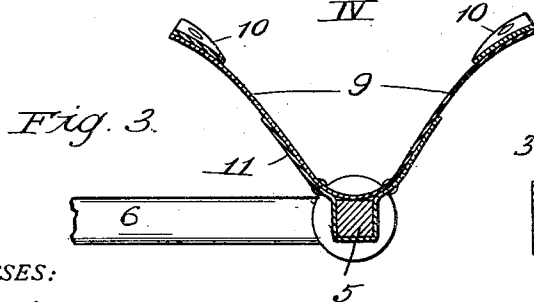
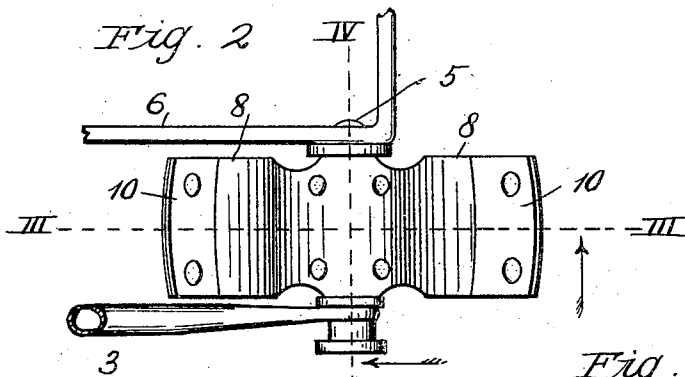
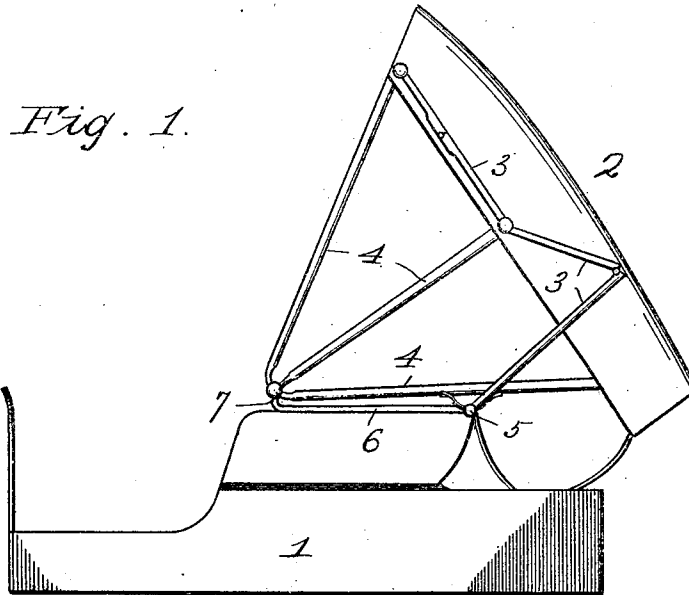


C. P. JOHNSON.
YIELDING BUGGY TOP SUPPORTER.
APPLICATION FILED AUG. 13, 1908.

940,158.

Patented Nov. 16, 1909.



WITNESSES:

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UNITED STATES PATENT OFFICE.

CHARLES P. JOHNSON, OF EUREKA, KANSAS.

YIELDING BUGGY-TOP SUPPORT.

940,158.

Specification of Letters Patent.

Patented Nov. 16, 1909.

Application filed August 13, 1908. Serial No. 448,331.

To all whom it may concern:

Be it known that I, CHARLES P. JOHNSON, a citizen of the United States, residing at Eureka, in the county of Greenwood and State of Kansas, have invented certain new and useful Improvements in Yielding Buggy-Top Supports, of which the following is a specification.

My invention relates to improvements in buggy-top supports, and my object is to provide a simple device of this character for yieldingly supporting a buggy-top when folded, so that the lowermost bow thereof will not become bent from jolting while the buggy is passing over rough ground.

The invention consists in the novel devices hereinafter described and pointed out in the claim, and in order that it may be fully understood, reference will now be made to the accompanying drawing, in which:

Figure 1 represents a side elevation of a portion of a buggy provided with my invention, the top of the buggy being partly folded. Fig. 2 is a plan view of the invention. Figs. 3 and 4 are sections on lines III—III and IV—IV, respectively, of Fig. 2.

1 designates a buggy-body which is provided with the customary folding top 2, provided with hinges 3, and bows 4. Hinges 3 are pivotally mounted at their lower ends in the customary manner upon studs 5 projecting from railings 6, to the forward ends 7 of which the lower ends of the bows are pivoted.

All of the above construction is old and forms no part of the present invention, which latter consists of V or U-shaped saddles 8, secured to studs 5, as shown in Figs. 2, 3, and 4. Each saddle consists of a spring-leaf having upwardly-diverging arms 9,

cushions 10 secured to the upper ends of said arms, and a spring leaf 11 for securing the first-mentioned leaf to stud 5. Spring-leaf 11 extends upward some distance beneath the arms 9 of the first-mentioned leaf and is bent at its lower central portion to snugly fit the bottom and sides of the stud, as shown in Fig. 3.

It is obvious that when a buggy is equipped with my devices, and the top is folded so that the lowermost bow rests upon said devices, the bow will be protected from shocks or jolts incident to the buggy passing over rough ground, as the devices will yield and thus absorb the force of the shocks before they can be transmitted to the bow and bend the same.

Having thus described my invention, what I claim is:

The combination with the stud of a buggy railing, of a buggy-top supporter comprising a V-shaped spring-leaf resting upon said stud and provided at its terminals with concaved seats, cushions affixed to said seats, and a second V-shaped spring-leaf secured to the first-mentioned one for securing it to the stud, said second spring-leaf extending upward some distance beneath the arms of the first-mentioned spring-leaf to reinforce the same and having its lower central portion bent to snugly embrace the bottom and sides of the stud, substantially as shown and described.

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

CHARLES P. JOHNSON.

Witnesses:

DAVID MARTIN,
M. N. OWEN.