L. EVERETT.

Vehicle-Top Adjuster.

No. 202,937. Patented April 30, 1878.

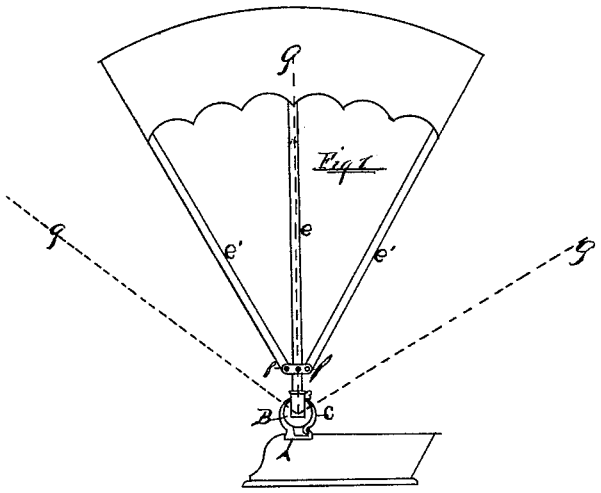

Fig 1

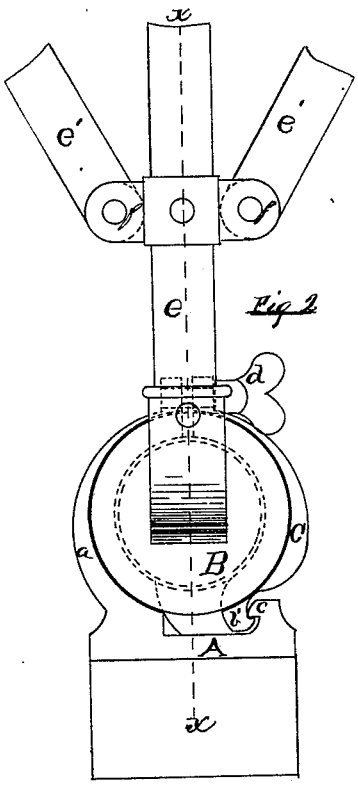

Fig 2

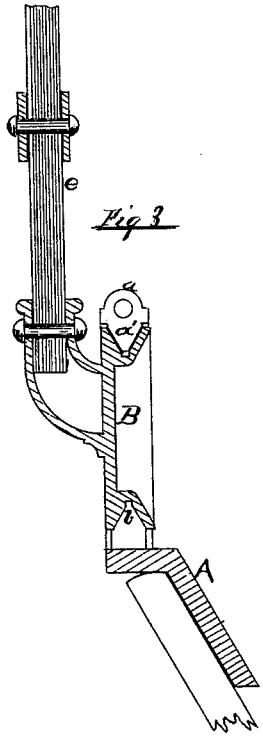

Fig 3

Witnesses

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LEONARD EVERETT, OF LOCKPORT, NEW YORK.

IMPROVEMENT IN VEHICLE-TOP ADJUSTERS.

Specification forming part of Letters Patent No. **202,937**, dated April 30, 1878; application filed March 23, 1878.

To all whom it may concern:

Be it known that I, LEONARD EVERETT, of the city of Lockport, county of Niagara, and State of New York, have invented a new and useful Improvement in Buggy-Top Supports, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 is a side elevation of my device regularly attached to an ordinary buggy-seat and supporting the top. Fig. 2 is a detail of the device itself, and shows a side view. Fig. 3 is a sectional view through line *x x* on Fig. 2.

The object of my invention is to produce a device to support the top or tilt of a buggy, wagon, &c., in any position desired without employing the use of springs, bolts, or catches, and depending only upon friction to retain the top where desired.

It is composed of three pieces or parts, which are marked, respectively, A B C. The piece A is secured to the end of the seat, and at the top, or above the upper edge of seat, it is bent horizontal, and is provided with a semicircular ring, *a*, in which the piece B fits. This piece B is about three (3) inches in diameter, and about three-fourths of an inch thick. In the periphery of the disk is cut a V-shaped channel, *b*, which fits a corresponding V-shaped bearing, *a'*, in the inner diameter of the semicircular ring *a*.

The piece C is a half-circle, corresponding to that part of the piece A which forms the ring or semi-ring *a*. The lower part is provided with a hook, *b'*, which fits under the lug *c*, cast on the piece A, as shown on Fig. 2. The inner part forms a V-shaped bearing, which also fits the channel cut in the disk B. The upper part of both halves of the ring, *a* and C, are provided with a projection for the reception of the thumb-screw *d*, which passes through the piece C and screws into the piece *a*. On the outer side of the disk B is a socket for the reception of the middle bow *e* of the top, the other two bows, *e' e'*, being pivoted to the middle bow *e* at *f f*.

The manner of putting my device together is as follows: First, the disk B is secured to the middle bow *e*, and then set into the semicircular ring *a*. The piece C is then hooked under the lug *c*, and placed in its position in the V-shaped channel in the disk B, then screwed at the top to the corresponding half on the opposite side by the thumb-screw *d*, space enough being left to allow for whatever wearing away may occur. The two parts of the ring form a clamp around the disk B, and any degree of friction may be obtained by the thumb-screw *d*, so that the top may be held tight enough for the ordinary racking of a buggy over rough roads, and yet not too tight to prevent a person seated in the buggy from shifting it to any position he may desire, as indicated by dotted lines *g g g* on Fig. 1, to shield himself from the elements.

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

In combination with the bows *e' e e'*, which sustain the top of a buggy or carriage, the rotating disk B, and the binding-clamp formed by the parts A, *a*, and C, and thumb-screw *d*, all substantially as shown and described.

LEONARD EVERETT.

In presence of—

EDGAR P. HOLLY,

EARL H. NICHOLS.