

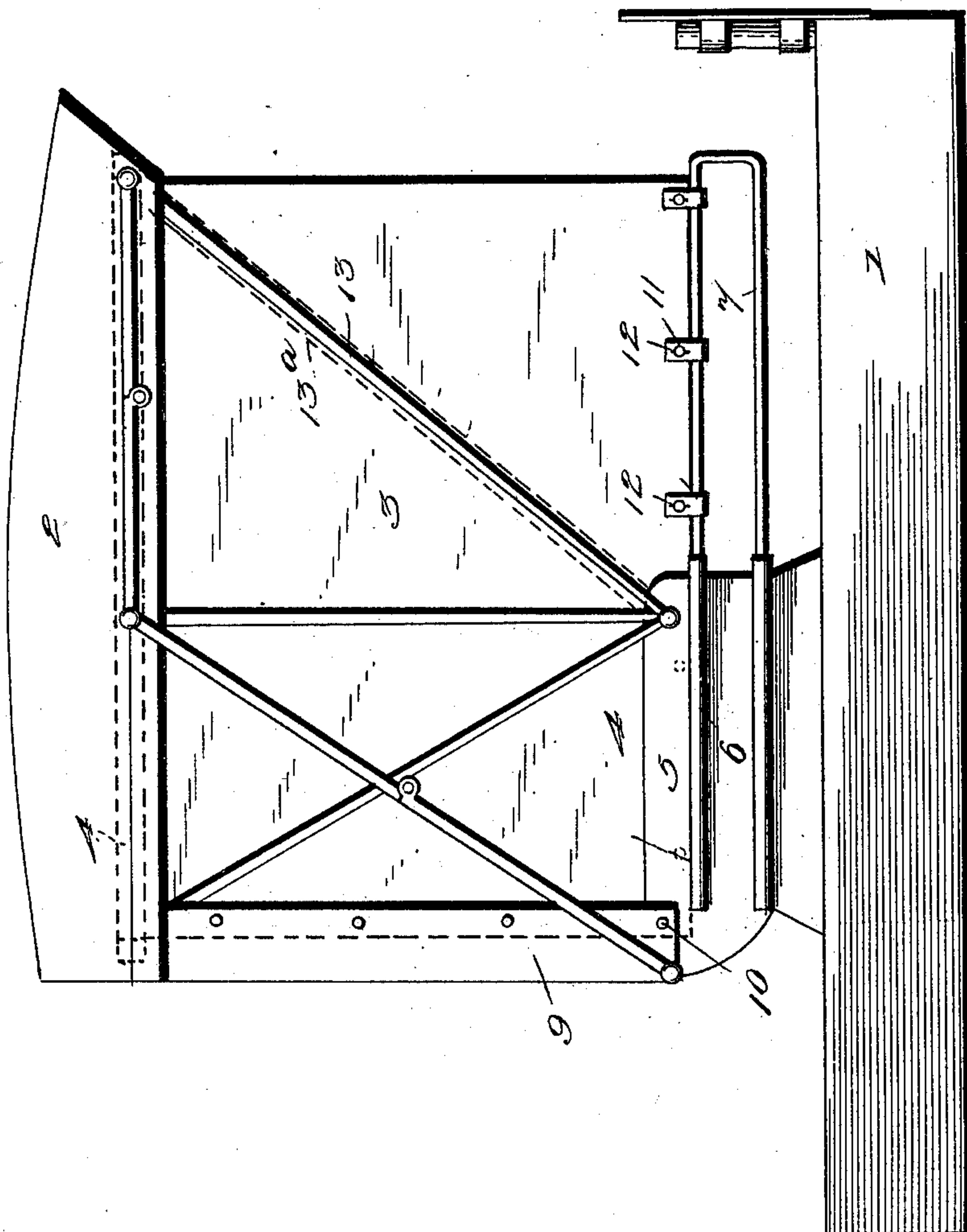
No. 707,915.

Patented Aug. 26, 1902.

W. B. GLESSNER.
CARRIAGE TOP AND CURTAIN.

(Application filed June 3, 1902.)

(No Model.)



Witnesses

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UNITED STATES PATENT OFFICE.

WILLIAM B. GLESSNER, OF CRYSTALSPRINGS, KANSAS.

CARRIAGE TOP AND CURTAIN.

SPECIFICATION forming part of Letters Patent No. 707,915, dated August 26, 1902.

Application filed June 3, 1902. Serial No. 110,099. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM B. GLESSNER, a citizen of the United States, residing at Crystalsprings, in the county of Harper and State of Kansas, have invented new and useful Improvements in Carriage Tops and Curtains, of which the following is a specification.

My invention relates to an improvement in vehicle-tops, the object being to provide vehicle-tops with adjustable curtains which may be readily rolled up or unrolled and adjusted to protect the occupants of the vehicle from the weather.

The construction of the improvement will be fully described hereinafter in connection with the accompanying drawing, which forms a part of this specification, and its novel features will be defined in the appended claims.

The drawing represents in side elevation a buggy-top with my improvements applied thereto.

The reference-numeral 1 designates the body of the buggy, and 2 the top.

3 designates a curtain supported at its upper end by a spring-roller 4. (Illustrated by dotted lines in the drawing.)

At each end of the vehicle-seat 5 are arranged parallel tubes or guideways 6, adapted to receive an adjustable support 7, comprising a wire bent to U shape and adapted to be moved inward and outward. The upper arm or member of the support 7 is adapted to have attached thereto the front portion of the lower edge of the curtain 3, while the rear portion of said lower edge is adapted to be secured to suitable straps arranged on the hand-rail of the seat. The rear edge of the curtain is adapted to be buttoned to a side stay 9, which is secured to a back stay at the corner or angle of the top. The lower end of the side stay 9 is adapted to be secured by a button 10, projecting from the seat, and must be disengaged therefrom before the top can be thrown back.

The front portion of the lower edge of the curtain 3 is held by leather straps 11, which pass under the upper portion of the frame or support 7 and engage buttons 12, projecting from the curtain.

The front end of each of the rollers 4 is pivotally secured to the front of the carriage-top, so that after the curtain 3 is rolled upon the roller the rear end of the latter may be detached from its support and turned upon its front pivotal support and dropped to the position shown in dotted lines at the point 13^a, parallel to the front inclined bars 13 of the frame, after which the top may be readily thrown back in the usual manner.

It will of course be understood that there is a duplication of the device shown in the drawing at the opposite side of the vehicle, and when the curtain 3 is rolled up out of the way the adjustable frames or supports 7 may be pushed rearward.

The curtain may be secured to either the inside or outside of the top, as preferred, but is shown in the drawing attached to the inner side thereof.

I claim—

1. The combination with a vehicle-seat; of guideways arranged on the end thereof; a frame or support adjustably supported within said guideways; and a curtain adapted to be attached at its lower edge to said support; and means for rolling said curtain after it is detached from the frame or support.

2. The combination with a vehicle seat and top; of guideways arranged on the ends of the seat; frames or supports adjustably supported within said guideways; curtain-rollers pivotally supported at one end, whereby the rollers may be turned down after the curtains have been rolled up.

3. The combination with a vehicle seat and top; of parallel guideways arranged on the ends of the seat; frames each comprising a rod bent to U shape, adjustably supported within said guideways; curtain-rollers pivotally supported at one end; curtains on said rollers, and means for detachably securing the curtains to the frames and vehicle-top.

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

WILLIAM B. GLESSNER.

Witnesses:

HENRY GLESSNER,
C. J. WESTFALL.