

No. 768,543.

PATENTED AUG. 23, 1904.

H. H. ROBINSON.  
FOLDING CARRIAGE TOP.  
APPLICATION FILED JUNE 27, 1904.

NO MODEL.

Fig. 1

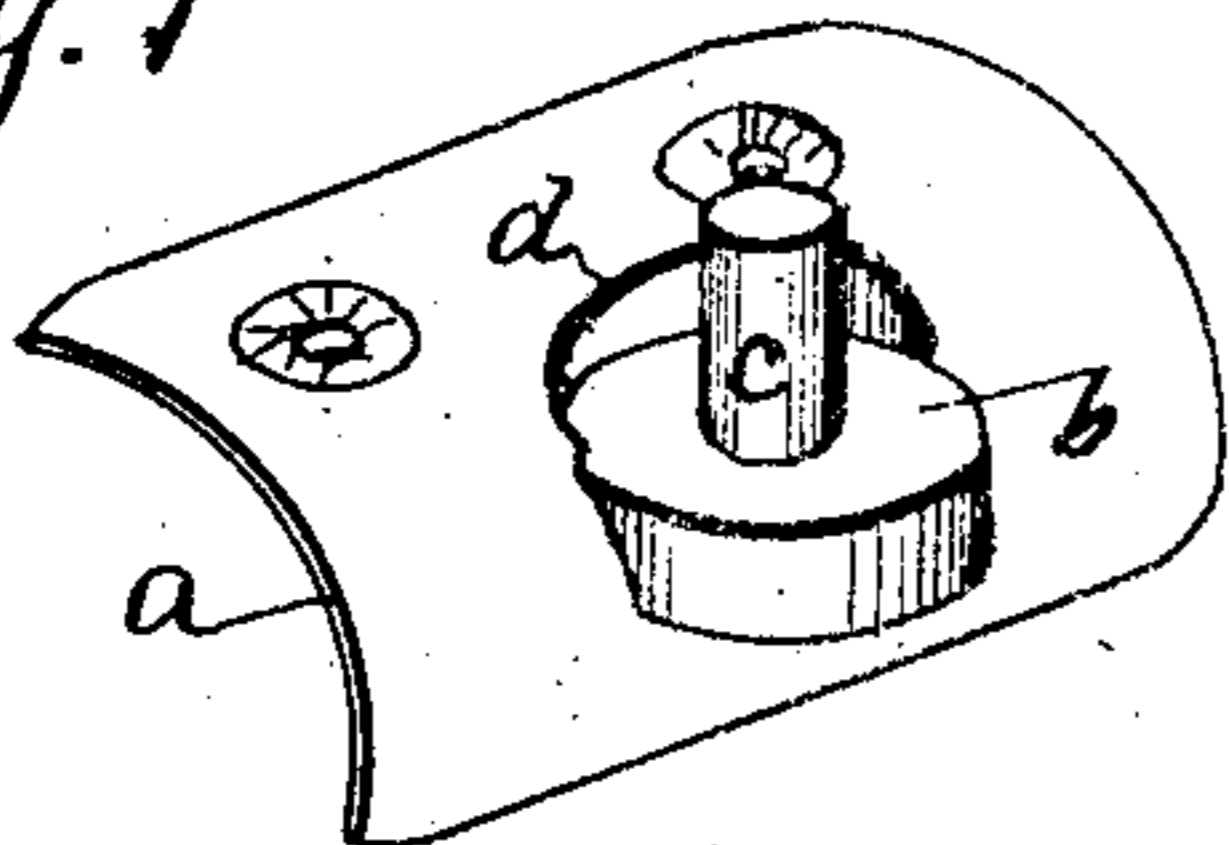


Fig. 2

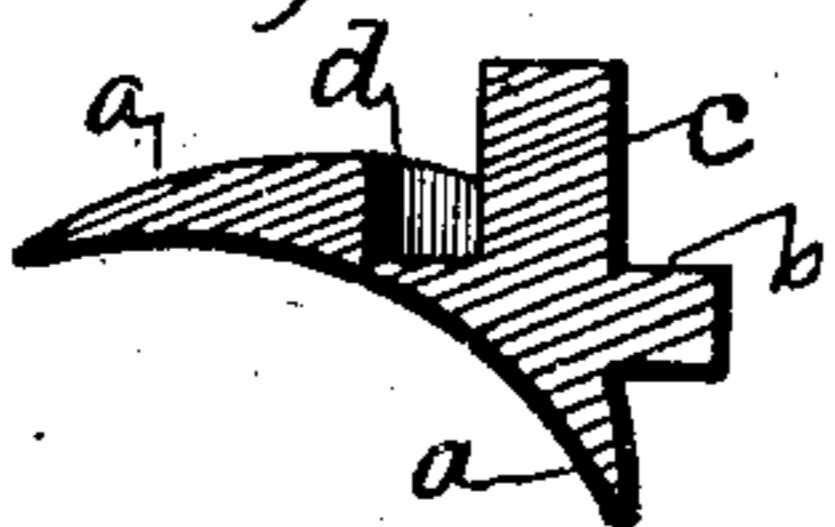


Fig. 3

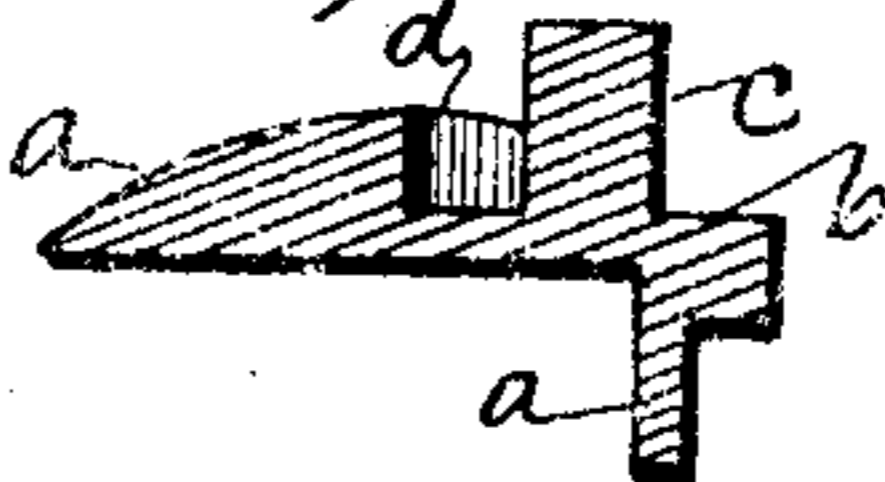
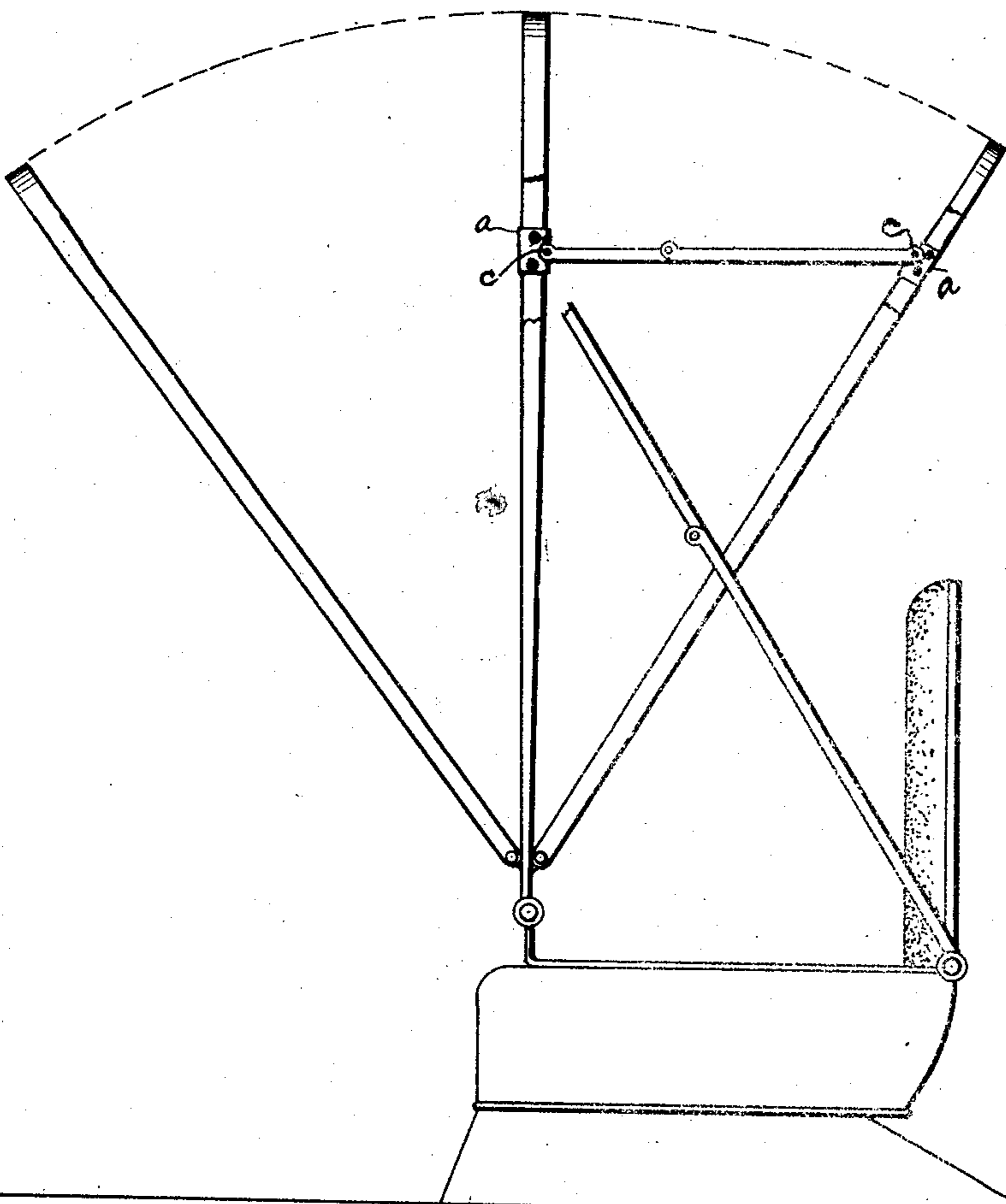


Fig. 4



Witnesses:  
R. H. Leebrock  
R. H. Orwig

Inventor: Henry H. Robinson,  
By Thomas G. Orwig, Attorney.

# UNITED STATES PATENT OFFICE.

HENRY H. ROBINSON, OF DES MOINES, IOWA.

## FOLDING CARRIAGE-TOP.

SPECIFICATION forming part of Letters Patent No. 768,543, dated August 23, 1904.

Application filed June 27, 1904. Serial No. 214,426. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY H. ROBINSON, a citizen of the United States, residing at Des Moines, in the county of Polk and State of Iowa, have invented a new and useful Improvement in Folding Carriage-Tops, of which the following is a specification.

My object is to improve the manner of connecting the jointed braces of a folding buggy-top with the two rear bows that are pivotally connected with the seat or body of the vehicle.

Heretofore the jointed braces have been pivotally connected with the bows direct by means of screws in such a manner that in raising and lowering the top the screws were subjected to pressure that loosened them in the wood or metal in which they were seated. The ends of the braces thus connected with the bows were on the outside of the bows and interfered with the trimming and covering fixed to the bows.

My invention consists in a metal bearer adapted to be fixed to a bow in such a manner that a jointed brace can be pivoted to the bearer so as not to extend out beyond the surface of the bow and also in such a manner that the pressure of the brace will be against a shoulder on the bearer and not against a screw fixed in the bow, as hereinafter set forth, pointed out in my claims, and illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of my metal bearing adapted to be fixed to the curved surface of a bow. Fig. 2 is a transverse sectional view of Fig. 1 and shows an integral rivet and a shoulder in concentric position to the rivet for engaging the end of a jointed brace placed on the rivet. Fig. 3 shows a modification of Fig. 2 that is adapted to be fixed to an angular surface of a bow. Fig. 4 shows my invention applied as required for practical use.

The letter *a* designates a metal plate adapted to be placed on and fixed to a bow by means of screws, as shown in Fig. 4. It has an integral flat bearing-surface *b* for supporting the end of a jointed brace and an integral rivet *c* in the center of said flat surface, and a shoulder *d*, concentric with the rivet, is in the plate *a* to engage the circular end of a jointed brace *f*, as shown in Fig. 4. It is obvious that jointed braces thus pivoted to bearers fixed direct to the bows is greatly advantageous in regard to the operation of a folding top.

What I claim as new, and desire to secure by Letters Patent, is—

1. A bearer for pivotally connecting the jointed braces of a folding buggy-top with the bows consisting of a plate fitted to a bow and adapted to be fixed thereto by means of screws and provided with a flat bearing-surface for the end of a brace, an integral rivet at the center of said bearing-surface and a shoulder in concentric position with the rivet, for the purposes stated.

2. A bearer adapted to be fixed to the bow of a folding buggy-top provided with a flat bearing-surface for the end of a jointed brace, a rivet at the center of said bearing-surface and a shoulder in concentric position with the rivet, in combination with a bow of a folding buggy-top, for the purposes stated.

3. A bearer adapted to be fixed to the bow of a folding buggy-top provided with a flat bearing-surface for the end of a jointed brace, a rivet at the center of said bearing-surface and a shoulder in concentric position with the rivet, in combination with a bow of a folding buggy-top and a jointed brace, to operate in the manner set forth for the purposes stated.

HENRY H. ROBINSON.

Witnesses:

CHARLES E. CORBETT,  
THOMAS G. ORWIG.