

I. E. JONES.  
ADJUSTABLE CANOPY.

No. 24,030.

Patented May 17, 1859.

Fig: 1.

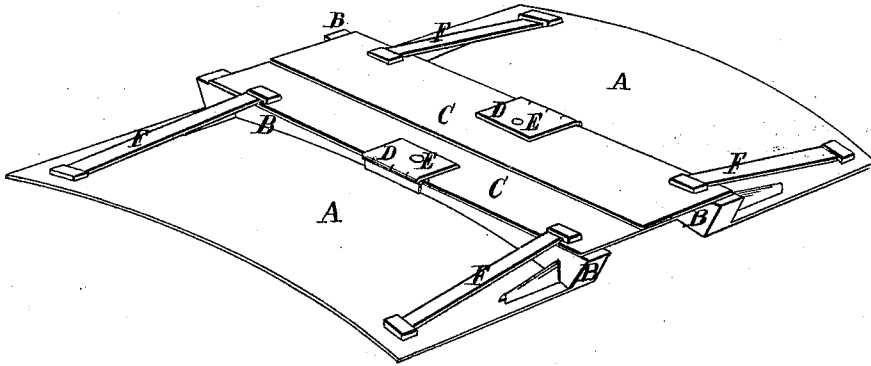
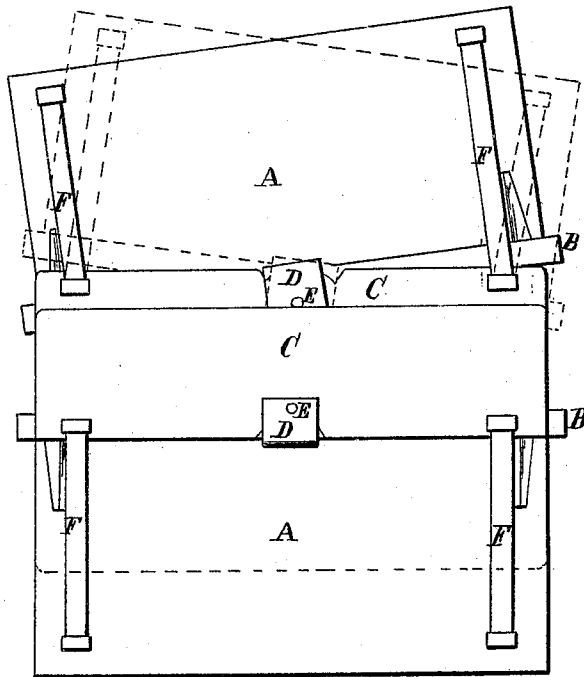


Fig: 2.



Witnesses:

*A. J. Campbell*  
*H. C. Clifton*  
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Inventor:

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# UNITED STATES PATENT OFFICE.

ISAAC E. JONES, OF CINCINNATI, OHIO.

## ADJUSTABLE CANOPY FOR RAILROAD-CARS.

Specification of Letters Patent No. 24,030, dated May 17, 1859.

*To all whom it may concern:*

Be it known that I, ISAAC E. JONES, of the city of Cincinnati, county of Hamilton, and State of Ohio, have invented an Improved Canopy for Railroad-Cars; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making part of the specification, in which—

Figure 1 shows a top view of the canopy and the several parts in position to operate. Fig. 2, is a plan view of the same showing the cars in two positions.

My invention consists in an improved canopy or covering for platforms of cars so that said cover shall adapt itself to the irregularities or curves on the road allowing a free lateral, and at the same time, vertical motion to the canopy without injury to the ends of the cars, or liability to injure the covers described, represented and specified as follows.

A, A, represents the tops of two cars, (or rather a portion of the tops.)

B are strips having their underside curved so as to conform to the shape of the car tops, and secured rigidly thereto.

C, C are hinged plates which extend a little beyond the center, between the cars and overlap each other, when the cars are coupled together.

D are hinges, one plate of which is screwed to the top of each strip B, the upper

plates are secured to the covers G by pins E which allow a free lateral motion to these covers.

F F are springs which may be made of india rubber, spiral, or other suitable equivalent. These springs, four in number, are secured to each end of the covers and extend along the top of the car and are secured thereto at a convenient distance from the covers. These springs are of the same length and under ordinary circumstances they keep the covers in the position shown in Fig. 1 of the drawings, when the cars are rounding a curve. If these covers were rigid they would naturally be broken, when they come in contact with the end of the cars. I obviate this difficulty by allowing a lateral motion to the covers while at the same time the covers will be brought back to their proper position when the cars get on a straight road. The covers being hinged they can be thrown back on the top of the cars when not required as a shelter for the platforms of railroad cars.

I claim as my invention and desire to secure by Letters Patent—

The combination of springs covers and hinges, all arranged and operating substantially in the manner and for the purposes herein set forth.

ISAAC E. JONES.

Witnesses:

R. T. CAMPBELL,  
H. E. CLIFTON.