

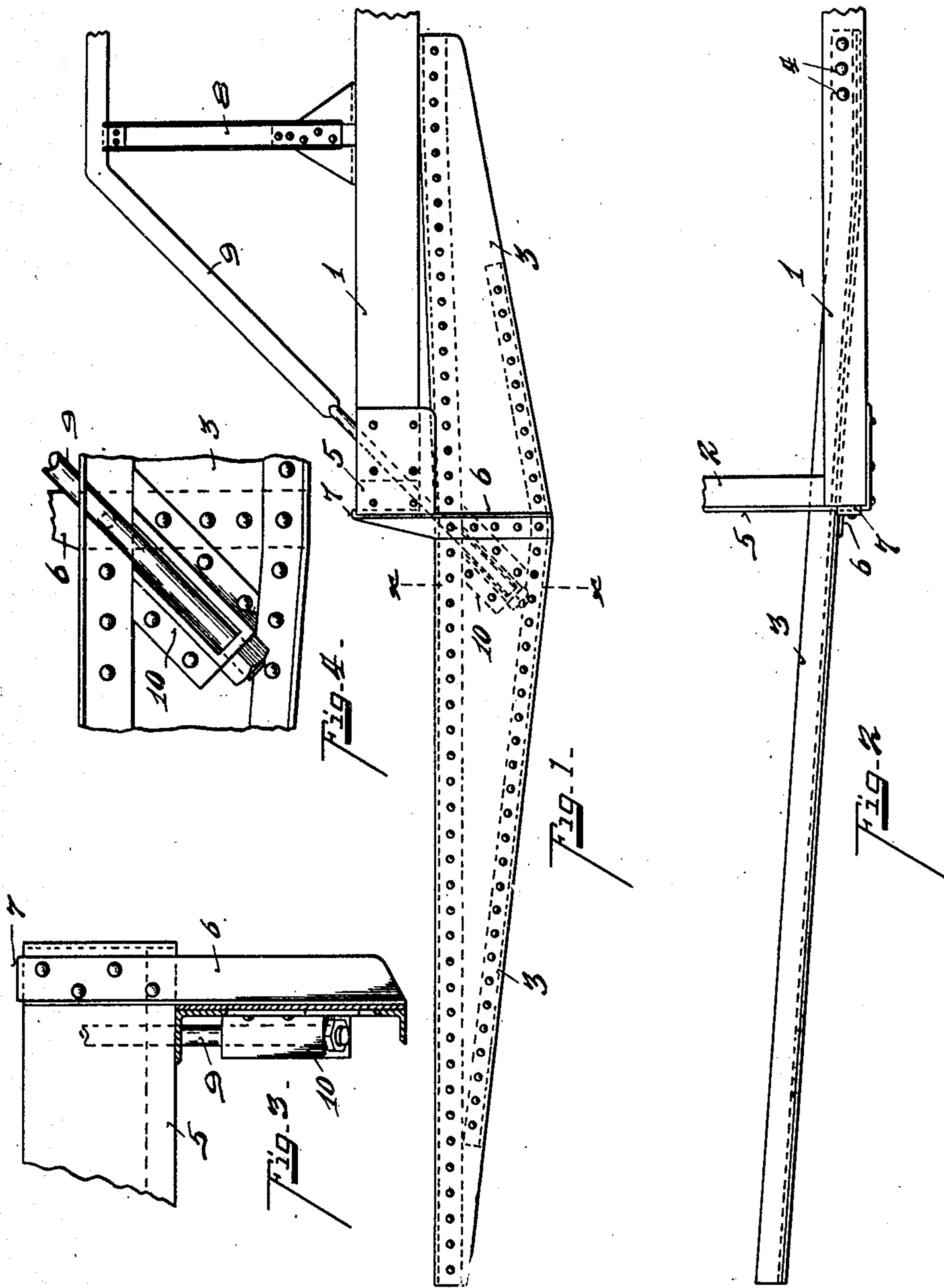
R. DUNNING.

CAR.

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UNITED STATES PATENT OFFICE.

ROBERT DUNNING, OF CINCINNATI, OHIO.

CAR.

No. 920,287.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, ROBERT DUNNING, a citizen of the United States, residing at Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Cars, of which the following is a specification.

My invention relates to an improvement in platform support for cars.

10 The object of my invention is to provide means for connecting the truss rod of a car directly to the platform beam.

Another object of my invention is to provide means for suspending the platform to the end sills.

15 The features of my invention are more fully set forth in the description of the accompanying drawings, forming a part of this specification, in which:—

20 Figure 1 is a side elevation of a platform beam applied to the sill of a car. Fig. 2 is a top plan view of the same with the truss rod omitted. Fig. 3 is a section enlarged on line *x, x*, Fig. 1. Fig. 4 is an inside elevation, illustrating the manner of connecting the truss rod to the platform beam.

In the drawings but one beam is shown at one side of the sill, a duplicate form being followed on each side and at each end.

30 1 represents the side sill and 2 an end sill of the car.

35 3 represents a platform beam, preferably of steel construction, made up of angle iron and plate secured at its inner end to the side sill by means of bolts 4.

5 represents an end sill plate secured to the sills, and 6 represents a depending beam supporting bracket, preferably made of angle iron, provided with an intumed flange 7 resting upon the sill plate 5. This bracket is preferably riveted to the sill plate 5 and beam 6, as illustrated in the drawing.

8 represents a truss beam secured and supported upon the side sill, and 9 represents a truss rod for the side of the car, the ends of which project downwardly and are secured to a bracket 10 fixed to the platform beam 3.

By this construction the downward strains on the platform beam are taken up by the truss rods relieving the ends of the sills from such strain.

This construction makes a very rigid support for the platform and prevents sagging as is experienced in platforms as now constructed.

Having described my invention, I claim:—

In a car construction, a car sill, a platform beam secured to the underside of the sill and projected beyond the end thereof, a vertical beam extending upwardly on the sill, a truss rod engaging the beam and extended to a position under and beyond the end of the sill, and means securing the rod to the platform beam, substantially as described.

In testimony whereof, I have hereunto set my hand.

ROBERT DUNNING.

Witnesses:

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