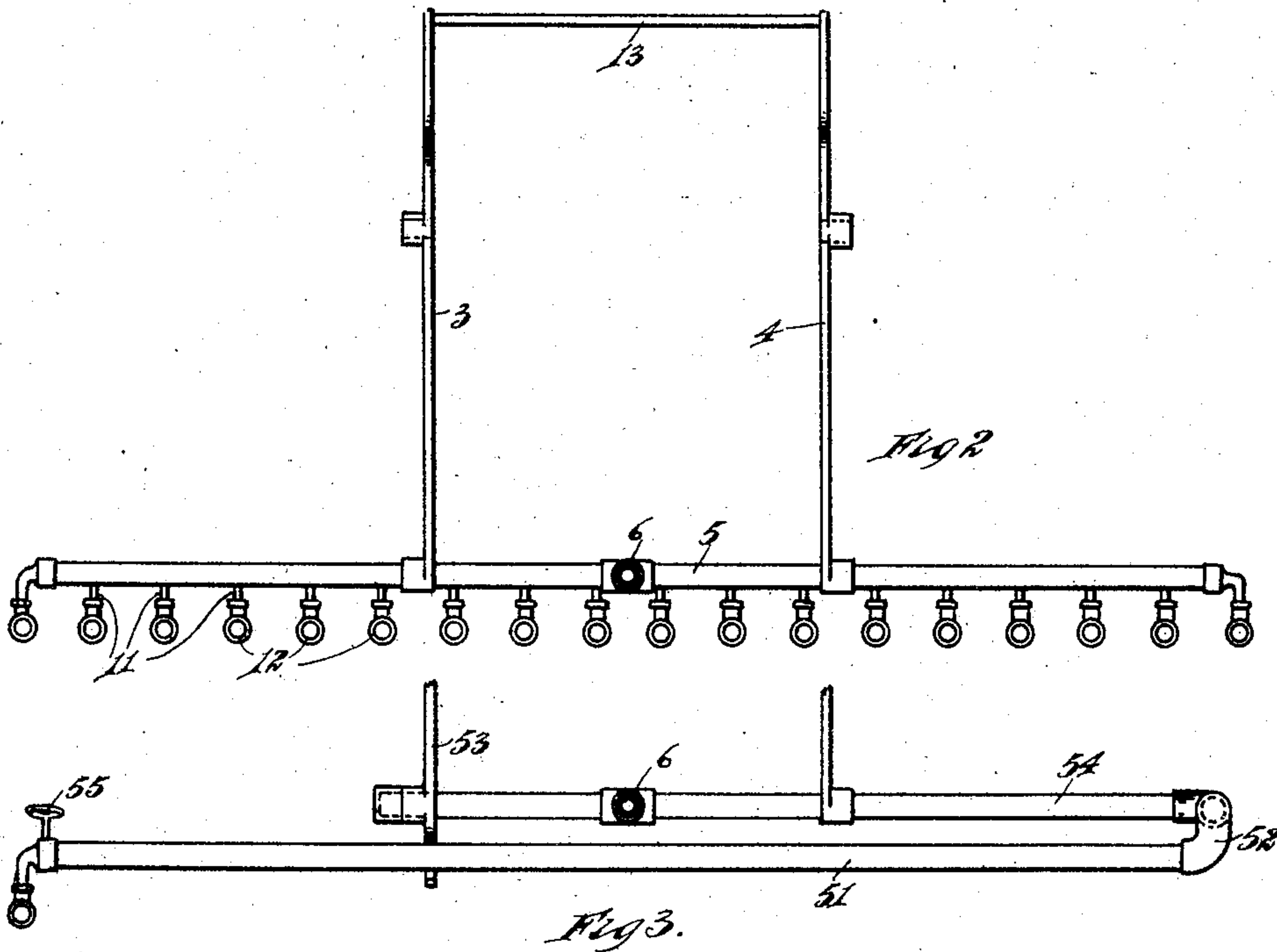
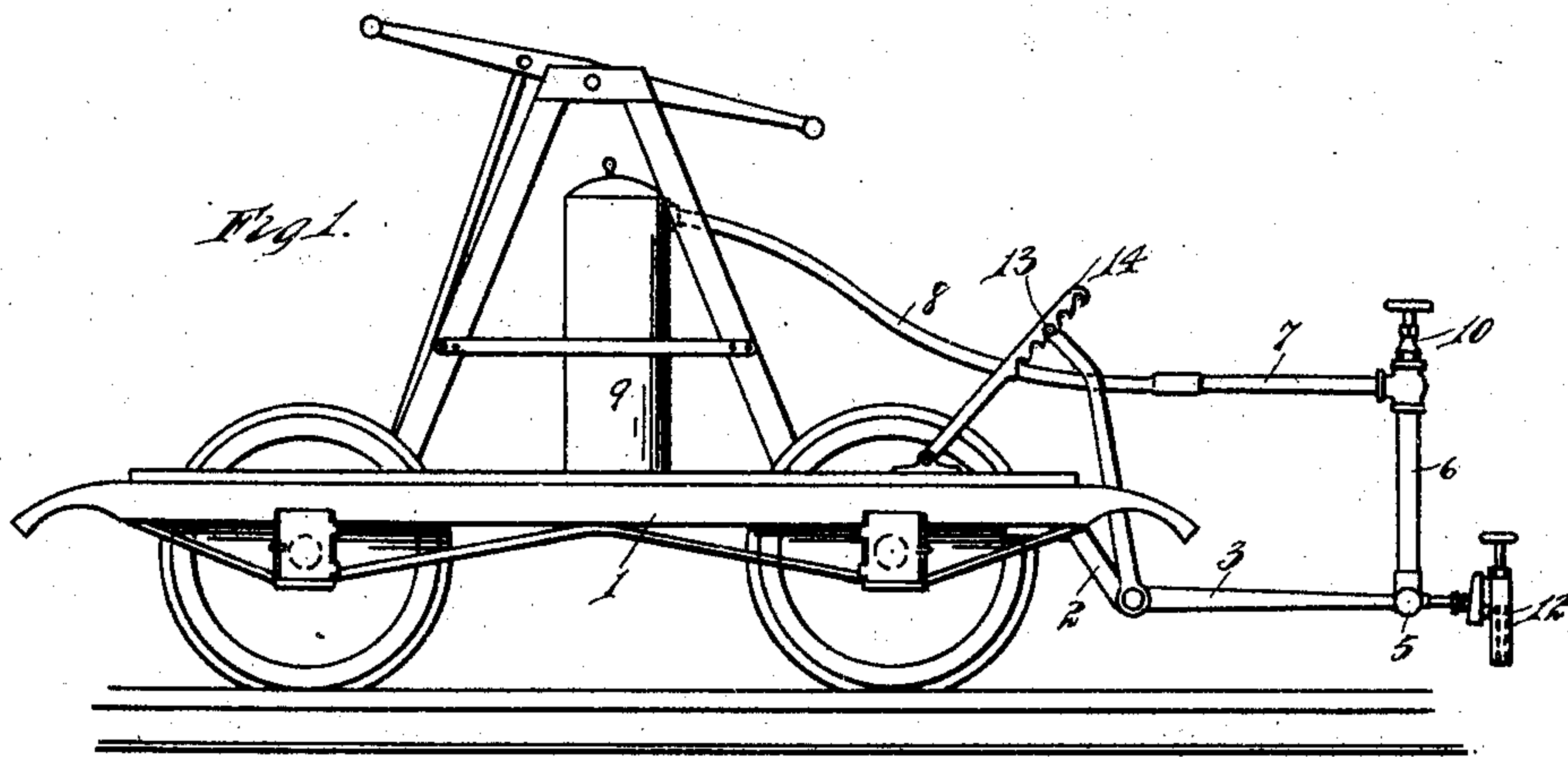


No. 790,062.

PATENTED MAY 16, 1905.

W. W. LAMB & F. G. CLUETT.  
WEED BURNER FOR RAILROAD CARS.

APPLICATION FILED MAY 2, 1904.



WITNESSES

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# UNITED STATES PATENT OFFICE.

WILBERT W. LAMB AND FRANCIS G. CLUETT, OF SIOUX CITY, IOWA.

## WEED-BURNER FOR RAILROAD-CARS.

SPECIFICATION forming part of Letters Patent No. 790,062, dated May 16, 1905.

Application filed May 2, 1904. Serial No. 205,932.

*To all whom it may concern:*

Be it known that we, WILBERT W. LAMB and FRANCIS G. CLUETT, citizens of the United States, residing at Sioux City, county of Woodbury, State of Iowa, have invented a certain new and useful Improvement in Weed-Burners for Railroad-Cars; and we declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

This invention relates to weed-burners for railways; and it has for its object an improved portable torch-carrying frame adapted to be used for the destruction of weeds along the right of way of railroad-tracks.

In the drawings, Figure 1 is a side elevation showing a hand-car with the weed-burner attached thereto. Fig. 2 is a plan of the frame which carries the torches. Fig. 3 shows a burner adapted to swing to one side of the car.

1 indicates a hand-car of any approved construction, from one end of which is suspended by brackets 2 a frame consisting of angled levers 3 and 4 and cross-bar 5. The cross-bar 5 is a pipe at the middle point of which there is a stand-pipe 6, the upper end of which is connected by horizontal pipe 7 and flexible pipe 8 to a tank 9, mounted on the car. At the junction of the pipes 6 and 7 there is a regulating-valve 10. From the hollow bar 5 a number of small feed-pipes 11 extend to the rear, and at the terminal of each pipe 11 is a torch-burner 12, made in any approved form for the burning of hydrocarbon fuel.

The upright parts of the levers 3 and 4 are joined by a cross-bar 13, which engages one of several hooks on a pivoted holding-bar 14, that is pivotally connected to the car, and by means of which the elevation of the burner 12 may be regulated at will.

In the form shown in Fig. 3 the burner 51 is pivoted at its inner end to the terminal of an elbow 52 from pipe 54, that extends to one side from the middle line of the car. It is

supported at this end on a pivotal standard from bar 53, and when folded to the position shown in Fig. 3 it is carried or supported by the bar 53 and occupies a position quite similar to that of the burner shown in Fig. 2; but if it be desired to burn a broader expanse of sward than is possible with the simple burner of Fig. 2 the burner-bar 51 is swung on its pivot and the outer end held temporarily by the handle 55 and carried along the section it is desired to treat with the burner.

What we claim is—

1. In a weed-burner, in combination with a vehicle and a fuel-tank carried thereby, a burner-bar provided with a plurality of torches, supporting-bars therefor attached to the car arranged to permit vertical but not lateral movement, a second burner-bar pivotally joined at one end to an end of the previously-mentioned burner-bar and adapted to be swung horizontally to one side of the car, each of said bars being perforated, and torches mounted thereon, substantially as described.

2. In a weed-burner, in combination with a vehicle and a fuel-tank mounted thereon, a horizontal burner-bar adapted for vertical adjustment but otherwise fixed with reference to the vehicle and extending rearwardly therefrom, a second burner-bar pivotally connected with one end of said first-named bar and adapted to be swung horizontally from its position, substantially parallel with said first-mentioned bar, to one side of the vehicle, each of said bars having perforations at intervals along their length, torches connected to said bars, one at each perforation, a supply-pipe leading from the tank to the burner-bar, and means for adjusting the height of the burner-bars, and for holding them in various positions, substantially as described.

In testimony whereof we sign this specification in the presence of two witnesses.

WILBERT W. LAMB.  
FRANCIS G. CLUETT.

Witnesses:

J. MURRAY RUMSEY,  
R. F. GRAHAM.