

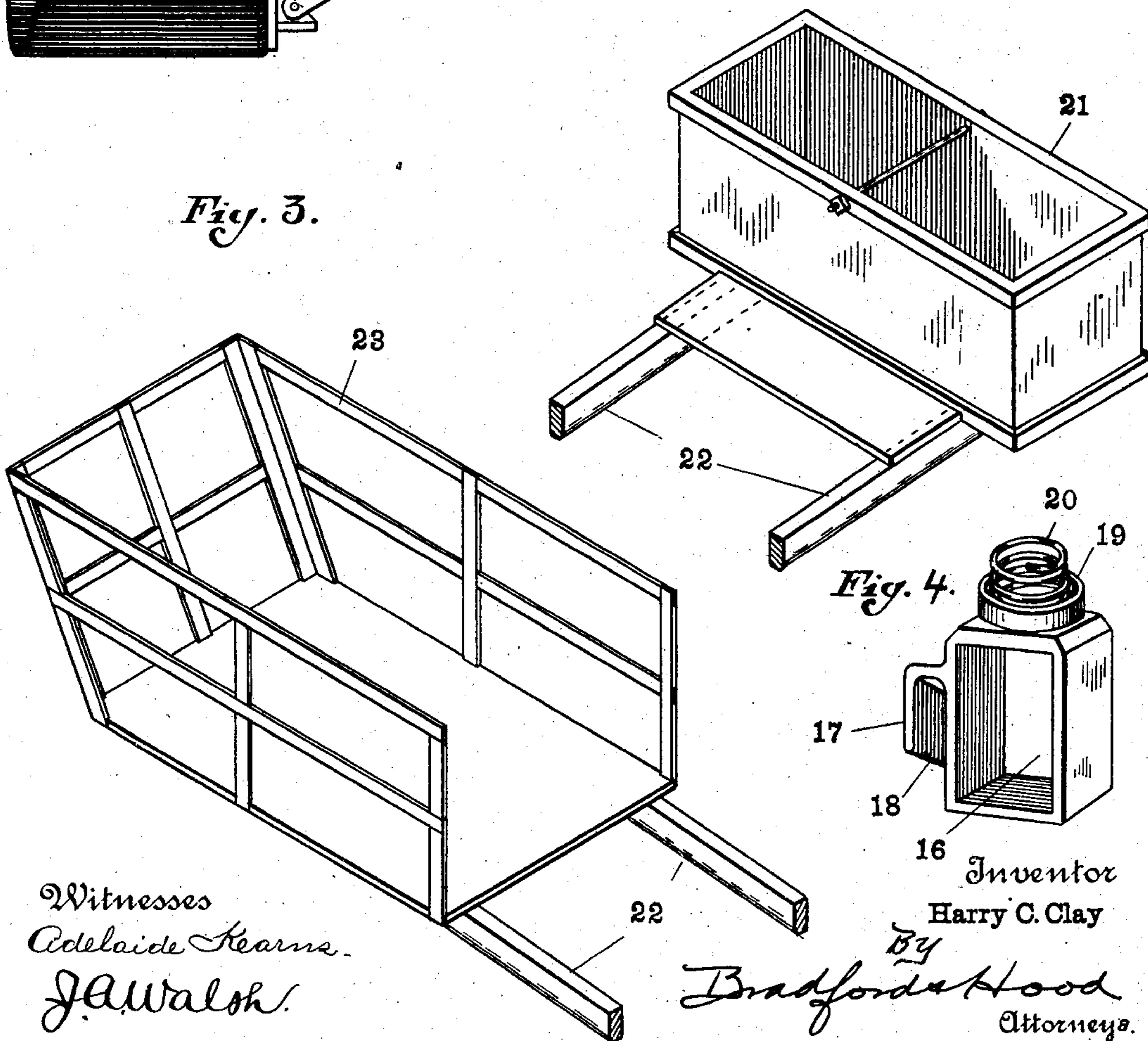
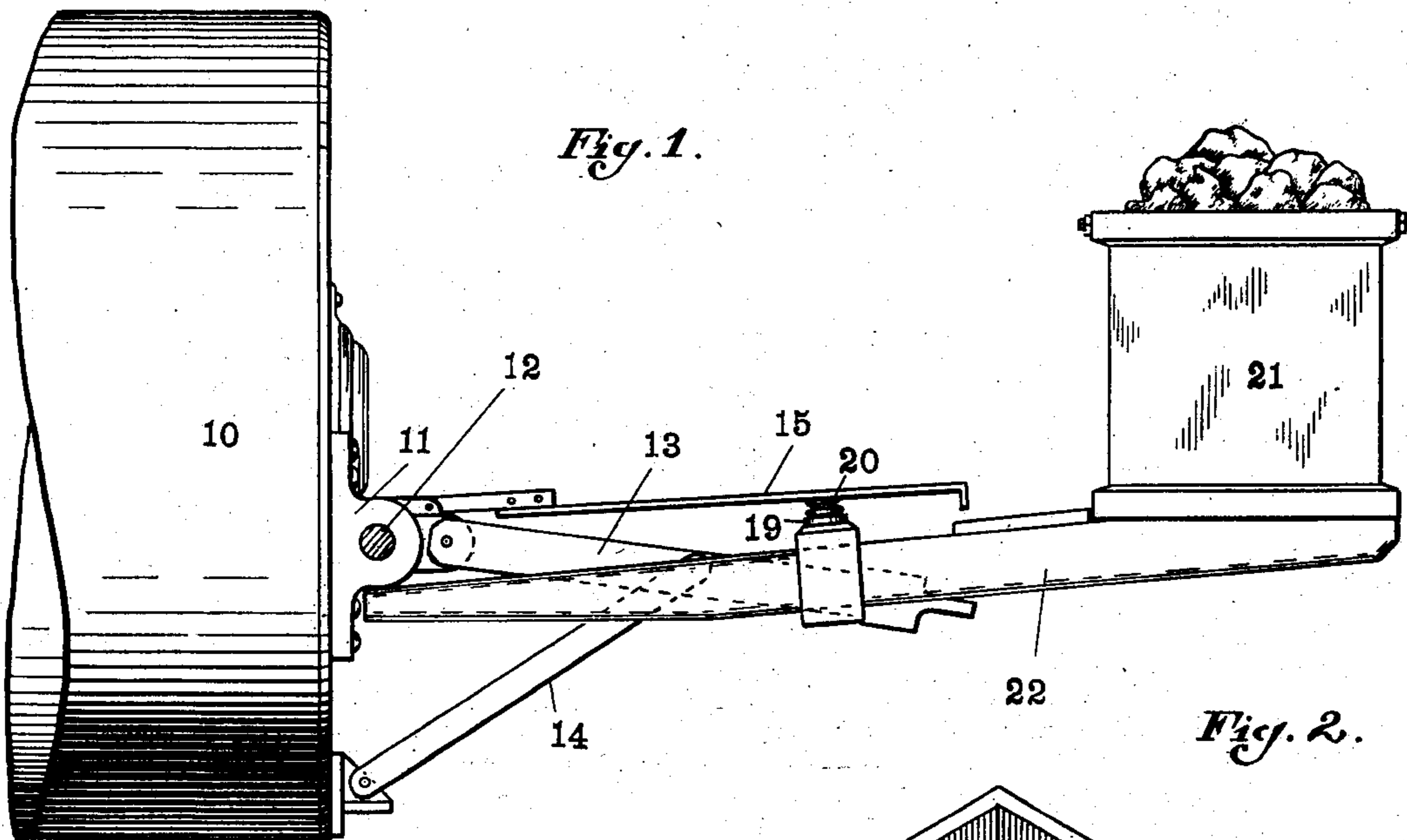
No. 737,209.

PATENTED AUG. 25, 1903.

H. C. CLAY.
DETACHABLE FUEL BOX FOR TRACTION ENGINES.

APPLICATION FILED JUNE 15, 1903.

NO MODEL.



Witnesses
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UNITED STATES PATENT OFFICE.

HARRY C. CLAY, OF COLUMBUS, INDIANA, ASSIGNOR TO REEVES & COMPANY, OF COLUMBUS, INDIANA, A CORPORATION OF INDIANA.

DETACHABLE FUEL-BOX FOR TRACTION-ENGINES.

SPECIFICATION forming part of Letters Patent No. 737,209, dated August 25, 1903.

Application filed June 15, 1903. Serial No. 161,491. (No model.)

To all whom it may concern:

Be it known that I, HARRY C. CLAY, a citizen of the United States, residing at Columbus, in the county of Bartholomew and State of Indiana, have invented certain new and useful Improvements in Detachable Fuel-Boxes for Traction-Engines, of which the following is a specification.

The object of my invention is to provide a fuel-box and support which may be easily attached to or detached from a traction-engine.

The accompanying drawings illustrate my invention.

Figure 1 is a side elevation showing a coal-box constructed in accordance with my invention and arranged in position. Fig. 2 is a perspective view of such box; Fig. 3, a similar view of a straw-rack; Fig. 4, a perspective view of one of the eyes for supporting the box in position.

In the drawings, 10 indicates the rear or firing end of a traction-engine boiler, and 11 indicates one of a pair of usual bearing-brackets, in which the main rear axle 12 is supported.

Secured to the boiler 10 is a U-shaped draw-bar 13, suitably braced by braces 14, and extending from boiler 10 is a firing-platform 15, all of which parts are of usual construction.

My invention consists of a pair of eyes 16, each provided upon one side with an overhanging lip 17, thus forming a space 18, adapted to receive one arm of the draw-bar 13 and thus support the eye in position parallel with said arm. Each eye 16 is provided at its upper side with a cup 19, adapted to receive a spring 20, and when the eye is placed in position, as shown in Fig. 1, with lip 17 upon the inside of one arm of the draw-bar 13, spring 20 serves as a support for the platform 15.

The fuel-box consists of a suitable fuel-re-

ceptacle 21, having secured to its under side a pair of forwardly-extending arms 22, which are adapted to be threaded through eyes 16 and the forward ends thereof carried beneath brackets 11, as shown in Fig. 1. It will be understood that the fuel-box may take any desired form—as, for instance, it may be a straw-receiving rack 23, provided with the same forwardly-extending arms 22.

In operation a pair of eyes 16 is hooked over the draw-bar arms, being retained in position by their own weight, or secured by suitable bolts or set-screws, if desired, and the arms 22 of a suitable form of fuel-box passed through said eyes and the forward ends of the arms passed beneath the bearing-blocks 11, so that the device is thus held in position by means which permits a very ready detachment of the apparatus.

I claim as my invention—

1. The combination, with a traction-engine, of supports carried at the rear thereof, and a fuel-box provided with a pair of forwardly-extending arms which may be detachably supported to the rear of the engine by said supports.

2. The combination, in a traction-engine, with the bearing-lugs, and the draw-bar, of a pair of eyes supported by the draw-bar, and a fuel-box having a pair of forwardly-extending arms capable of being passed through said eyes and the forward ends of said arms passed beneath the lugs, for the purpose set forth.

In witness whereof I have hereunto set my hand and seal at Columbus, Indiana, this 10th day of June, A. D. 1903.

HARRY C. CLAY. [L. S.]

Witnesses:

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