

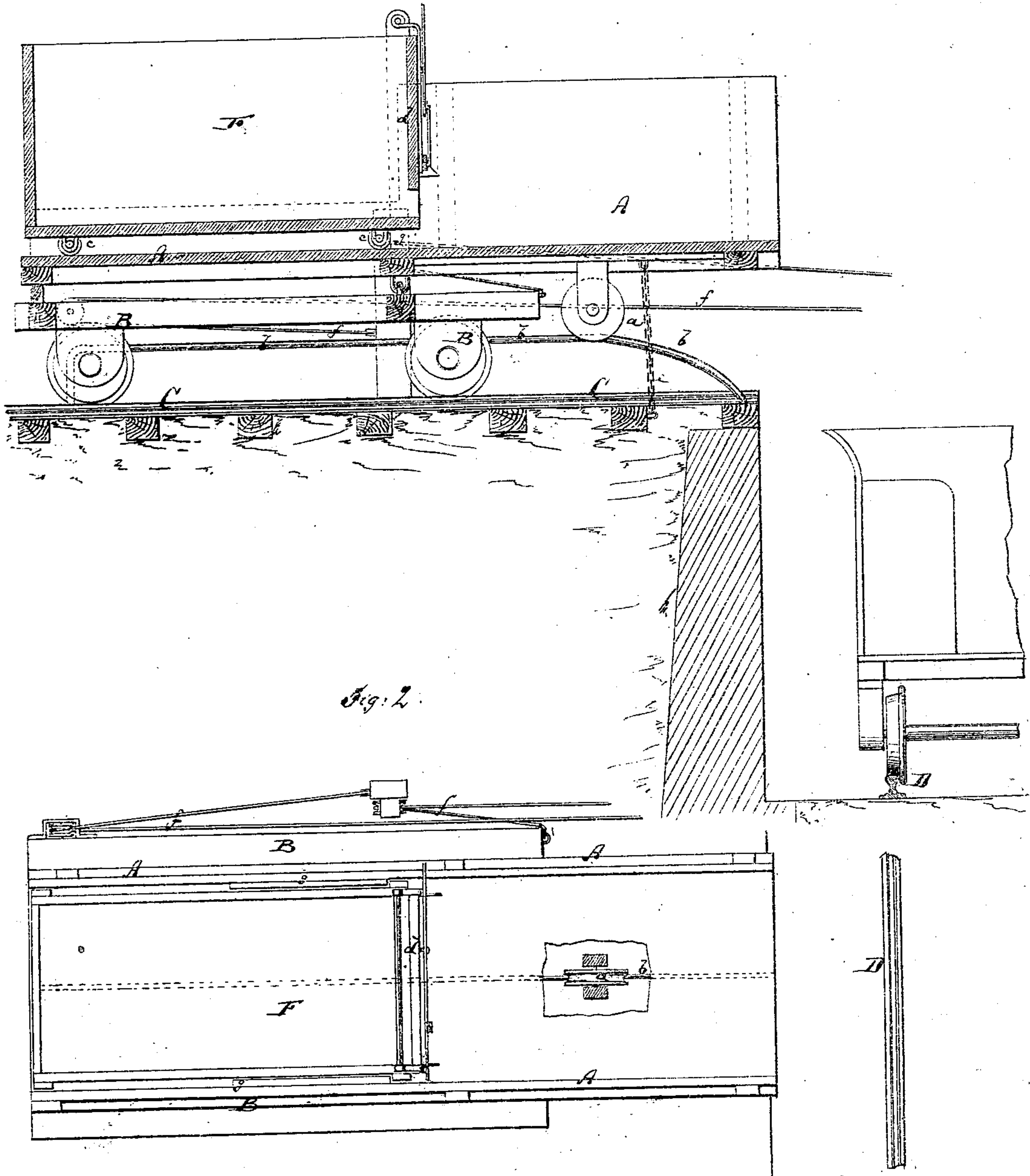
T. C. HENDRY.

Dumper for Railroad Tenders.

No. 123,344.

Fig. 1.

Patented Feb. 6, 1872.



Witnesses:

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THOMAS C. HENDRY, OF UNION POINT, GEORGIA.

IMPROVEMENT IN DUMPERS FOR RAILROAD TENDERS.

Specification forming part of Letters Patent No. 123,344, dated February 6, 1872; antedated January 19, 1872.

To all whom it may concern:

Be it known that I, THOMAS C. HENDRY, of Union Point, in the county of Green and State of Georgia, have invented a new and Improved Dumper for Railroad Tenders; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

Figure 1 represents a longitudinal section of my improved dumper. Fig. 2 is a plan or top view of the same.

Similar letters of reference indicate corresponding parts.

This invention relates to a new dumping apparatus for loading railroad tenders with wood or other fuel; and has for its object to provide the dumper with a double bed, so that it can be used for two tenders in succession. The invention consists in the application to a dumping-car of a sliding box, the car containing one load and the box another of fuel.

A in the drawing represents the dumping-car. It is hinged upon a truck, B, which is placed onto a track, C, at right angles to the track D, on which the tender moves, and elevated above the same, as shown. The front end of the car A projects beyond the track, so that it will be readily dumped. A small wheel, *a*, is applied to the under side of the car A, and supported by a center rail, *b*, which is bent downward at the verge of the elevated track, to guide the car during its dumping action. Upon the car A is placed a sliding

box or case, F, which rests on wheels *c c* on the bottom of the car, and is about half as long as the same.

The car A is filled with fuel in front of the box F, when the same occupies the back portion of the car, as in Fig. 1, the box F being also filled with as much fuel as the car. The latter is then moved toward the track D, and dumped as soon as a tender is in position, so that the load in its front part will be emptied into the tender. The full box F will move forward on the car while the same is being emptied, and follow the discharged fuel, to keep the car overbalanced on the front end. As soon as the car is emptied, the parts can remain in the stated position until the arrival of another tender. The front board *d* of the box F is then elevated, so that the contents of the box will be emptied into the tender. Thus a double load is contained in one car, and can be discharged at different times.

The front part of the car may be braced by chains *e*. A rope, *f*, or other means may be used for moving the truck B on its track C. A stop, *g*, is arranged on the inner side of the car to arrest the box F and prevent its moving too far forward.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The dumping-car A, provided with the sliding box F, to contain a double load of fuel for locomotive-tenders, as set forth.

Witnesses: THOS. C. HENDRY.

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