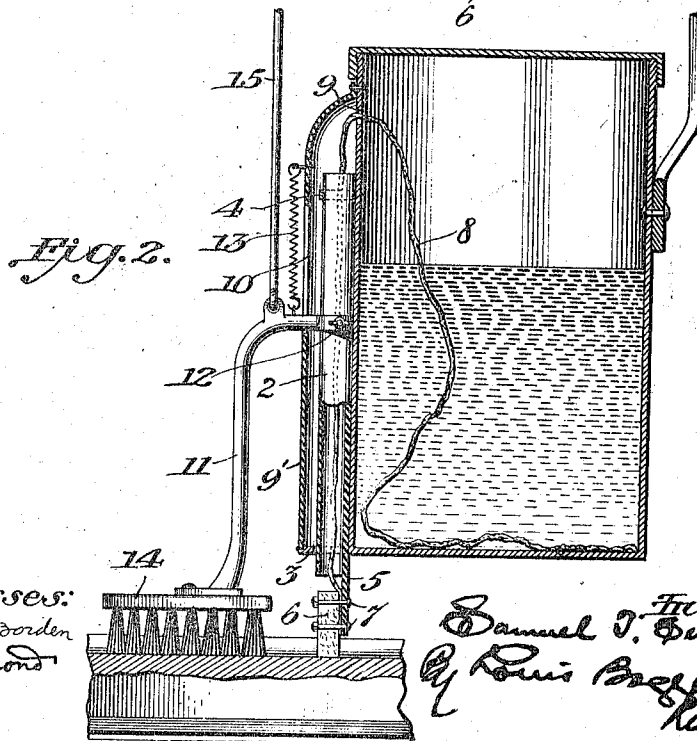
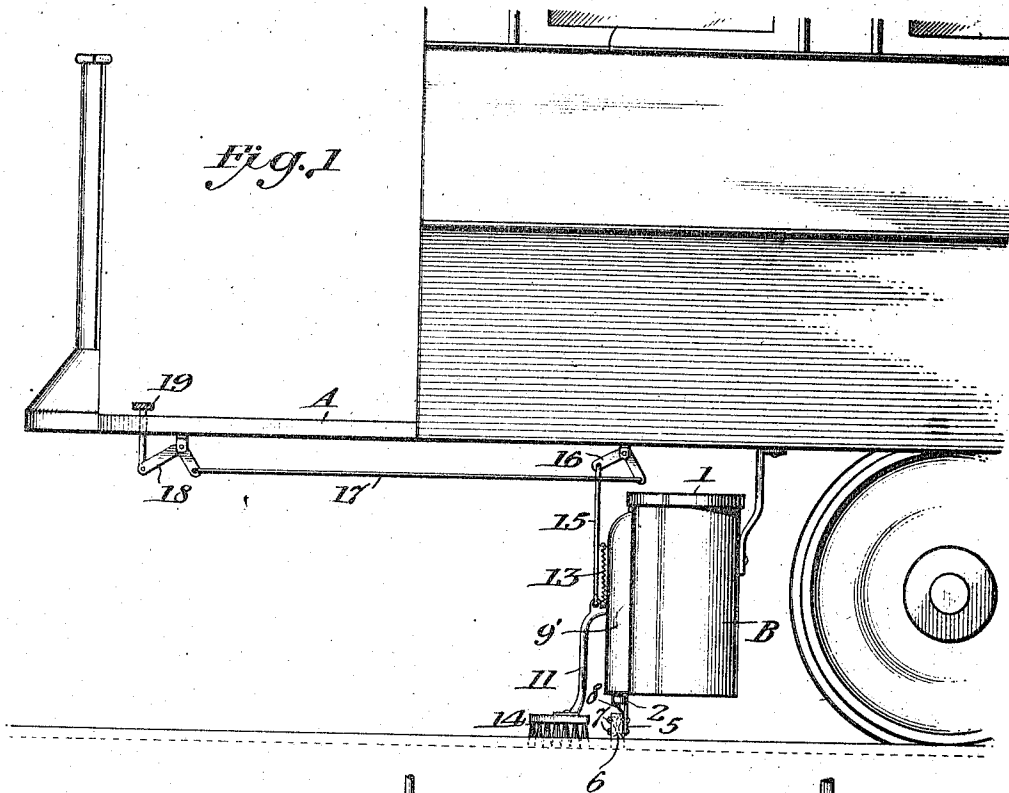


S. T. SIMMONS.
 TRACK CLEANER AND OILER.
 APPLICATION FILED NOV. 2, 1914.

1,128,910.

Patented Feb. 16, 1915.



Witnesses:
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UNITED STATES PATENT OFFICE.

SAMUEL T. SIMMONS, OF COLUMBUS, OHIO.

TRACK CLEANER AND OILER.

1,128,910.

Specification of Letters Patent.

Patented Feb. 16, 1915.

Application filed November 2, 1914. Serial No. 869,854.

To all whom it may concern:

Be it known that I, SAMUEL T. SIMMONS, a citizen of the United States, residing at 1109 East Livingston avenue, Columbus, in the county of Franklin and State of Ohio, have invented certain new and useful Improvements in Track Cleaners and Oilers, of which the following is a specification.

This invention relates to an improvement in track cleaners and oilers, and the object is to provide means within the control of the operator of a car, engine, or the like, whereby the track can be cleaned and oil applied thereto when necessary. On street railways particularly it is necessary that the tracks be oiled, especially around curves.

The invention relates to still other novel features of construction and combinations of parts which will be hereinafter more fully described and pointed out in the claim.

In the accompanying drawings: Figure 1 is a view in side elevation, showing the invention applied to a car; Fig. 2 is a longitudinal vertical sectional view of the oil receptacle, brush, and oil applier.

A represents the platform of the car, and B is the oil tank or receptacle, supported on the truck frame.

The cover 1 is applied to the tank, whereby the lubricant can be introduced when necessary. A tubular member 2 is slidably mounted upon the receptacle B, and is supported thereon by means of loops 3 and 4 on the receptacle, the lower loop 3 being formed by an opening formed in a projection on the base of the receptacle. An arm or projection 5 is formed on one side of the tubular member 2, to which a pad, such as felt, 6, is fastened by means of screws 7. A wicking 8 connected between the arm 5 and the pad extends through the tube 2 and through the orifice 9 in the receptacle, and thence into the bottom of the receptacle B. In this manner the oil is caused to be delivered to the pad 6 by capillary attraction. A housing or casing 9' is connected to the tank or receptacle B, and the lower edge is supported upon the base portion of the receptacle. An elongated slot 10 is formed in

the casing, through which an end of the brush arm 11 is received, this arm being removably connected to the tube by means of a set screw 12.

A spring 13 is connected to the arm and to the reservoir or receptacle B for automatically drawing the arm and tube up or to an elevation above the rail. A wire brush 14 is connected to the brush arm 11 whereby all dust or foreign matter will be removed from the groove of the rails when the brush is lowered into the groove upon the movement of the car.

Connected to the arm is a rod 15. This rod is connected to an end of a bell crank 16. A rod 17 is connected to the bell crank 16 and to a bell crank 18, this bell crank being pivotally connected to the car floor or bottom, and the treadle 19 is connected to the other terminal of the bell crank 18. When the operator forces the treadle 17 down, the rods 17 and 15 are caused to be actuated, forcing the brush 14 and oiling pad 6 into the groove of the rail. The brush causes the dirt or other foreign matter to be thrown from the groove of the rail, and the pad will apply oil or lubricant to the side of the rail which is engaged by the flange of the car wheel. Upon the releasing of the foot treadle 19 by the operator, the spring 13 will cause the brush and pad to be automatically raised to their normal position.

I claim:

In a track-cleaner and oiler, the combination with an oil-receptacle, a tubular member slidably mounted thereon, an oil-applier connected thereto, means connected to said oil-applier extending into the oil-receptacle for conducting the oil from the receptacle to the applier, and a brush connected to said tubular member and adapted to be moved therewith.

In testimony whereof I affix my signature, in the presence of two witnesses.

SAMUEL T. SIMMONS.

Witnesses:

C. M. BLISS,
N. W. DICK.