

L. J. GOTT.
Car Coupling-Pin.

No. 198,937.

Patented Jan. 8, 1878.

Fig. 1.

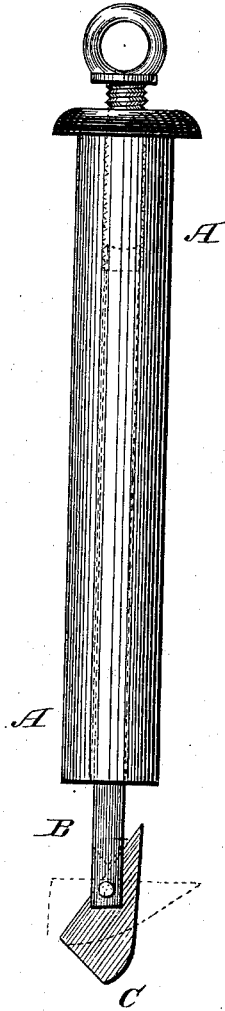
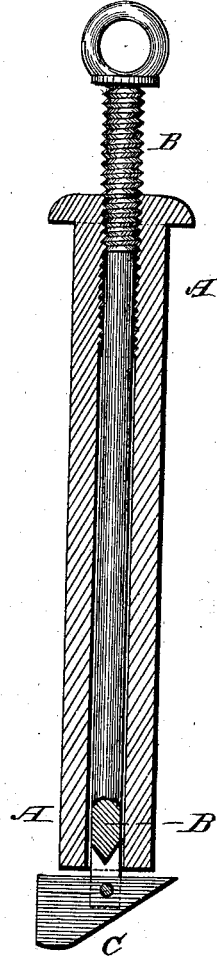


Fig. 2.



Witnesses:

Am. Bright.
Chas. P. Hall.

Inventor:

L. J. Gott.

Per Seayett & Seayett. Attorneys

UNITED STATES PATENT OFFICE.

LAURA JANE GOTT, OF LA GRANGE, OHIO.

IMPROVEMENT IN CAR-COUPLING PINS.

Specification forming part of Letters Patent No. **198,937**, dated January 8, 1878; application filed November 24, 1877.

To all whom it may concern:

Be it known that I, LAURA J. GOTT, of La Grange, in the county of Lorain and State of Ohio, have invented certain new and useful Improvements in Car-Coupling Pins; and I do hereby 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 it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to car-coupling pins; and it consists in the following-specified construction and combination of parts.

In the drawings, Figure 1 is a side elevation of my device, and Fig. 2 a longitudinal section of the same.

A is the body or pin proper, and it is pierced through its length with an opening for the accommodation of the rod B, which terminates above the pin A in a handle, knob, or any device for properly manipulating and operating said rod B. This rod passes down through the pin A, and suspends at its lower end the locking-piece C. This locking-piece is a plate of metal or other suitable material, pivoted and attached to the lower end of the rod B in such a manner as that, when hanging freely, it shall offer no impediment to the withdrawal of the pin from the car-buffer; but when the rod B is drawn up the said locking-piece C, by its natural impingement against the bottom of the car-buffer, shall be thrown into the position indicated by the dotted lines in the drawings, whereby an impediment is offered to the escape of the pin A, thus securing it in its coupling position against any possibility of accidental dislodgment or misplacement.

In order to make the rod B longitudinally adjustable within the pin A, and cause the two to be maintained in such relative position, I provide screw-threads upon the upper body of said rod, which engage with a corresponding screw-thread made in the upper portion of the opening of the pin. This construction allows the rod and pin to be

moved and held in any desired longitudinal adjustment relative to each other, so as to cause the freely-swinging piece C to be brought up against the bottom of the buffer or draw-head, and thus securely lock the pin against withdrawal or dislodgment until the rod is lowered from such engaged position.

I do not narrowly limit myself to the peculiar means for accomplishing this purpose, as other construction can readily be substituted for it. For instance, a spring-lock could be attached either to the pin or the rod, and the screw-threads above mentioned be dispensed with, such a spring being made to latch and secure the rod in any desired longitudinal adjustment relative to the pin, and being independent of any connection with the buffer or draw-head.

The tilting device, being only secured to the extremity of the rod which projects through and below the lower end of the pin, is adapted to swing freely from said pivotal point of attachment, and to be entirely free from engagement with the pin.

This invention I have designed as an improvement upon a prior device of mine, upon which United States Letters Patent No. 149,743, of date April 14, 1874, were granted and issued to me.

I claim—

The combination, with the perforated coupling-pin, of the rod passing through it, and provided at its lower projecting extremity with the tilting piece C, swinging freely therefrom, said rod and pin being adapted, as described, to be locked in any desired longitudinal adjustment relative to each other and independently of the buffer or draw-head, substantially as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

LAURA JANE GOTT.

Witnesses:

ORON SAXTON,
E. L. GOTT.