O. E. HUNT.

CAR MOVER.

APPLICATION FILED OCT. 17, 1910.

991,997. **Patented May 9, 1911.**

Fig. 1.

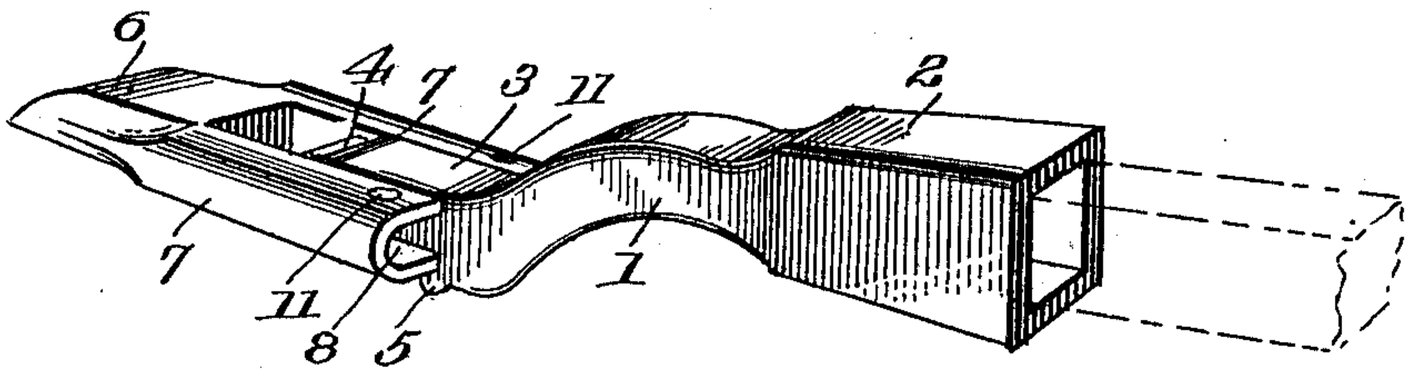


Fig. 2.

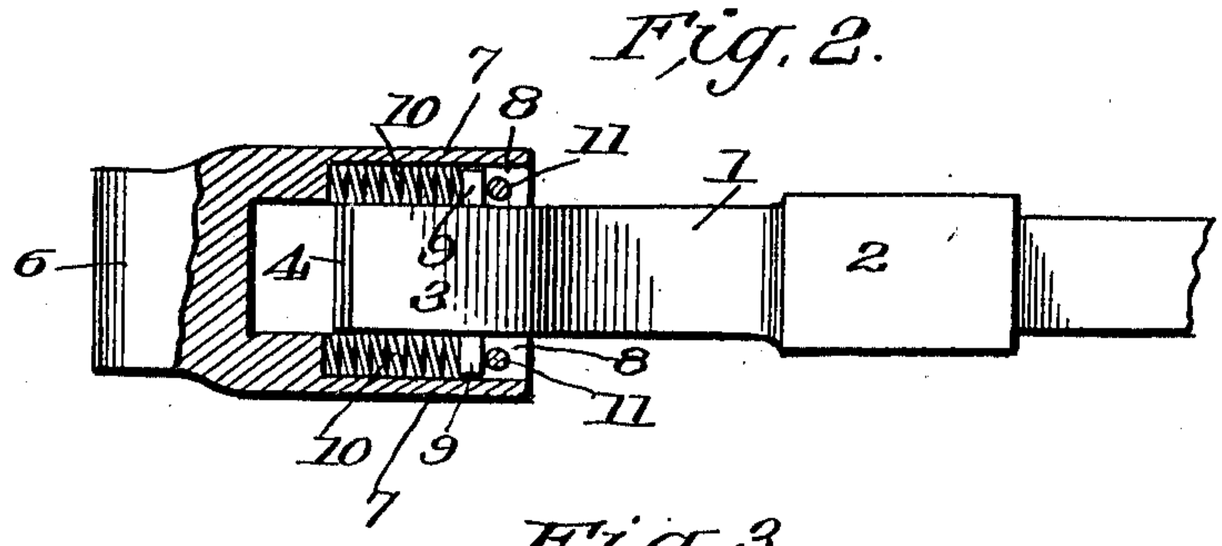
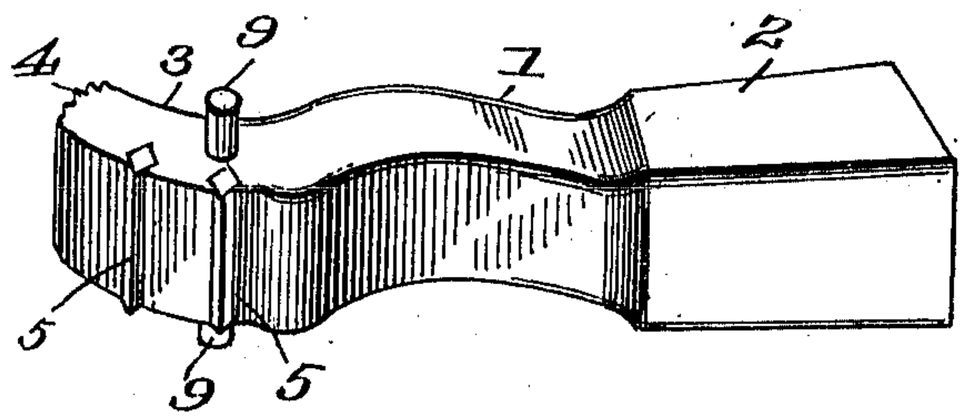


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

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CAR-MOVER.

991,997. Specification of Letters Patent. Patented May 9, 1911.

Application filed October 17, 1910. Serial No. 587,543.

To all whom it may concern:

Be it known that I, OSMAN E. HUNT, a citizen of the United States, residing at Eagle Grove, in the county of Wright and State of Iowa, have invented certain new and useful Improvements in Car-Movers, of which the following is a specification.

The primary object of this invention is a simple, durable and efficient construction of device to be used in lieu of the ordinary pinch-bar or crow-bar, in moving railway cars along a track for short distances, without a locomotive or other motor, and the invention consists, essentially, in an improved device of this character embodying a spring actuated follower designed to follow up the car wheel as the same is turned by the lever of the appliance, so as to hold the same properly until the actuating lever obtains a further hold or bite in the rail. And the invention also consists in certain constructions and arrangements of the parts that I shall hereinafter fully describe and claim.

For a full understanding of the invention, reference is to be had to the following description and accompanying drawings, in which:

Figure 1 is a perspective view of my improved car moving device; Fig. 2 is a top plan view thereof, partly in section; and, Fig. 3 is a bottom perspective view of the operating lever.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

The actuating lever of my improved car moving device embodies a shank 1 which is formed at one end with a socket member 2 to receive a handle of any desired length, the opposite end of the shank being curved to form a foot 3 which is preferably roughened or provided with transverse ridges or corrugations at its forward extremity, as indicated at 4. Preferably, the lower surface of the foot 3 has hardened steel ribs 5 partially embedded therein, the ribs extending transversely and their edges projecting slightly, as clearly illustrated in the drawing, whereby they will tightly engage and bite into the rail of the track and secure the proper fulcrum for the actuating lever when the same is rocked in the operation of bearing the lever against the car wheel.

In connection with the actuating lever, I employ a wheel follower which embodies a preferably tapered wedge block 6 and two side arms 7 formed with or secured in any desired way to the wedge block, said arms extending parallel to each other, as shown, and being formed with inwardly opening longitudinally extending slots 8 designed to accommodate studs 9 that project laterally from the opposite sides of the foot 4 of the operating lever, said foot being received in between the arms, as shown. Each of the slots 8 is designed to contain a helical compression spring 10, the forward ends of which abut against the foremost end walls of the slots 8, while the rear ends of the springs are engaged by the studs 9 of the operating lever. To limit the rearward movement of the springs and lever relative to the follower, I insert pins 11 down through apertures formed in the rear ends of the arms 7.

From the foregoing description in connection with the accompanying drawing, the operation of my improved car mover will be apparent. In the practical use of the device, the follower 6 is wedged in between one rear wheel of the car to be moved, and the underlying rail, and the operating lever is then rocked in a direction to pry against the wheel so as to turn the same and move the car, whereupon the springs 10 will be permitted to act to move the follower forwardly so that the wedge block 6 thereof will at all times be maintained in the crotch of the wheel and rail and prevent the car from moving back. It will thus be seen that by repeated movements of this character, the car can be moved the desired distance in an easy manner. Obviously, the parts of my improved car moving device may be easily manufactured and readily assembled, the same being also durable in construction and effective in operation.

Having thus described the invention, what is claimed as new is:

1. A car moving device, comprising an operating lever, provided at opposite sides with laterally projecting studs, a follower embodying a wedge block and side arms, the latter embracing the operating lever, said side arms being formed with inwardly facing longitudinally extending slots accommodating said studs, and compression springs mounted in said slots and operated upon by said studs, for the purpose specified.

2. A car moving device, comprising an operating lever provided at opposite sides

with laterally projecting studs, a follower embodying a wedge block and side arms, the latter embracing the operating lever and formed with inwardly opening longitudinally extending slots, the studs working in said slots, compression springs mounted in the slots and engaging the front ends thereof, the rear ends of the springs being engaged by the studs, and pins closing the rear ends of the slots.

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

OSMAN E. HUNT. [L. S.]

Witnesses:

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