(No Model.)

R. D. HUME.

TRUCK.

No. 264,949. Patented Sept. 26, 1882.

Fig. 1.

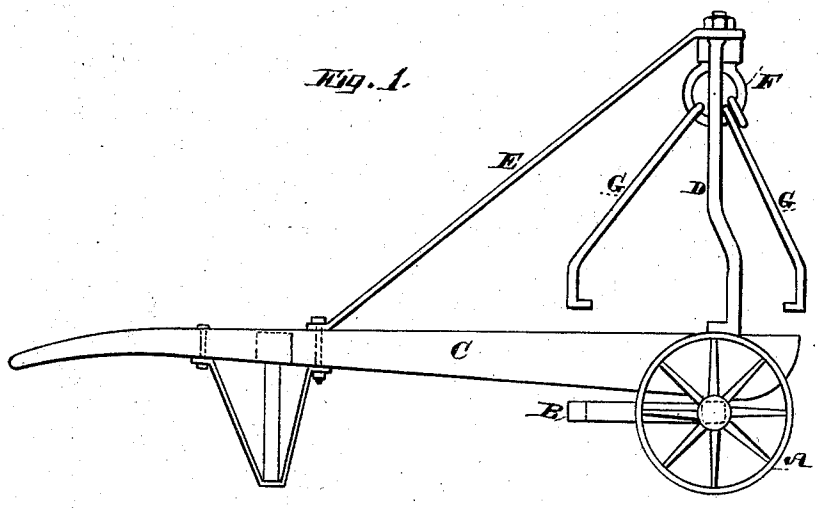


Fig. 2.

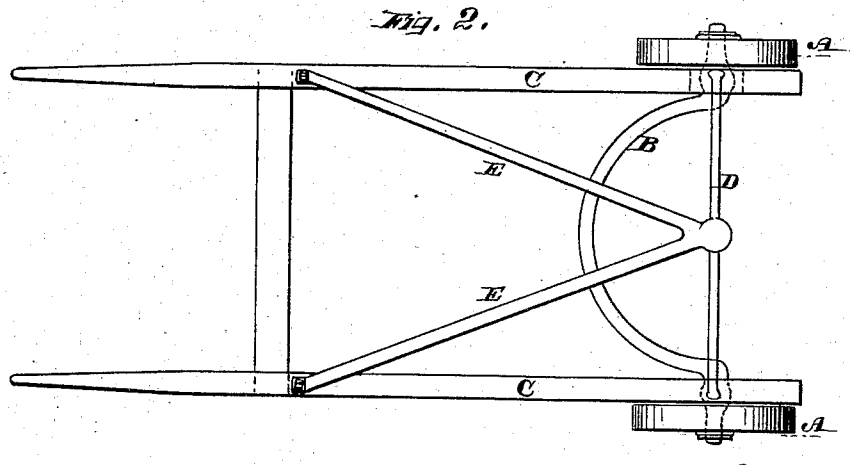
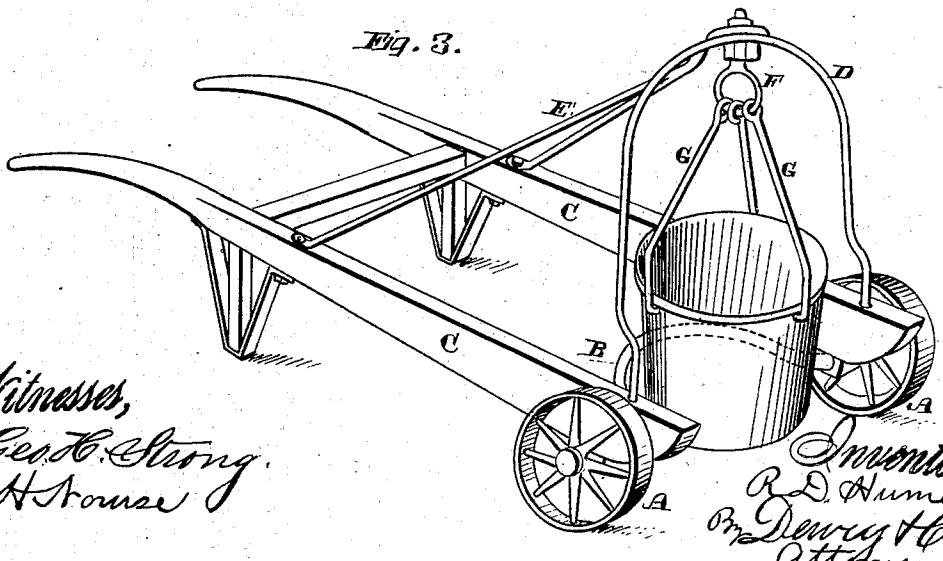


Fig. 3.



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UNITED STATES PATENT OFFICE.

ROBERT D. HUME, OF SAN FRANCISCO, CALIFORNIA.

TRUCK.

SPECIFICATION forming part of Letters Patent No. 264,949, dated September 26, 1882.

Application filed March 31, 1882. (No model.)

To all whom it may concern:

Be it known that I, ROBERT D. HUME, of the city and county of San Francisco, State of California, have invented an Improved Truck; and I hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to certain improvements in hand-trucks, such as are employed to transport heavy or bulky packages from place to place in warehouses, or for loading and unloading cars, vessels, &c.

It consists in constructing the truck with two front bearing-wheels, having the central portion of the axle bent or curved backward, so as to admit the package between the wheels. A frame or arch supported and stayed from the truck has depending from it two or more hooks adapted to seize and hold the case or package when the handles are lifted and the front of the truck depressed. When the handles are brought down the front will be lifted, and with it the package, which, swinging between the wheels, will be balanced, so as to be transported to any point.

Referring to the accompanying drawings for a more complete explanation of my invention, Figure 1 is a side elevation of my truck. Fig. 2 is a plan. Fig. 3 is a perspective view.

A A are the wheels of a truck, turning loosely upon the ends of the axle B, which is secured to the two side bars, C, of the truck, near the front, in the usual manner of constructing this class of trucks. Between the side bars, C, the axle B is bent backward beneath the truck to suit the class of packages to be handled. In the present case I have shown it sweeping back in a semicircle to admit tubs in which ore or coal may be packed. Converging bars on an arch, D, meet or curve above the line of the wheel-journals and are stayed by braces E to the truck-frame, to which the outer ends of the bars D are also fixed. A swivel ring or link, F, is suspended from the center of the arch, and two or more arms, G, are suspended from this link. The lower ends of the arms G are made hook-shaped, or otherwise formed to seize the package to be lifted. In the present case they are bent inward, so as to hook into holes in the sides of the tub, or to hook beneath the rim or flange of the same.

The operation will thus be as follows: The truck is wheeled up to the article to be lifted, and by reason of its open front and backwardly-curving axle it will inclose the package or tub between the ends of the side bars and within the semicircle of the axle. The handles are then lifted, and this depresses the front end and the hooks G, so that they may be hooked into the holes or beneath the rim of the tub. When the handles are depressed the tub will be lifted from the ground, and swinging within the curve of the axle will hang suspended from the frame or arch. This suspending center may be kept in such a position by the raising or lowering of the handles as to balance the weight suspended just above the floor, and thus allow it to be easily transported to any desired point.

Although my present device is shown as constructed for the transportation of coal or ore tubs of a cylindrical or approximate shape, it will be readily seen that it may be made to take any shaped or sized package within the power of the operator to lift or handle. As the weight has not to be lifted upon the truck, but merely suspended a few inches, it may be moved rapidly and easily.

This invention is especially useful in moving ore in tubs, or coal, so that the tubs may be made to form the deck-load of a vessel, and in the case of coal it need be handled but once, and the breakage and wastage of the coal reduced to a minimum.

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

The truck side bars, C, in combination with the arched bar D, braced by bars E, swivel F, and grasping-arms G, all constructed, arranged, and operated as set forth.

In witness whereof I hereto set my hand.

ROBERT DENISTON HUME.

Witnesses:
JAY DEMING,
E. W. KLIPSTEIN.