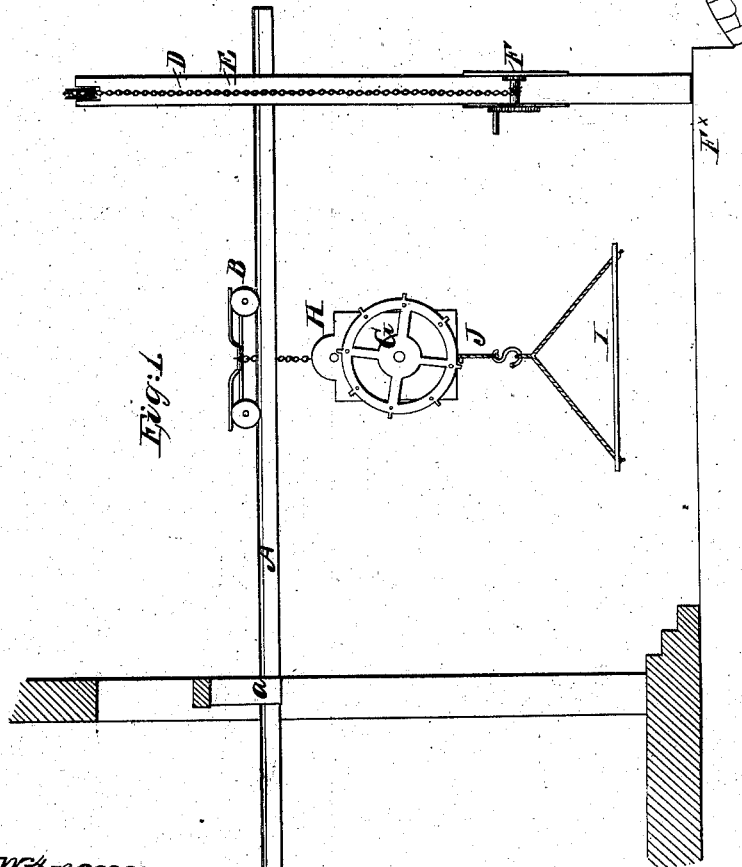
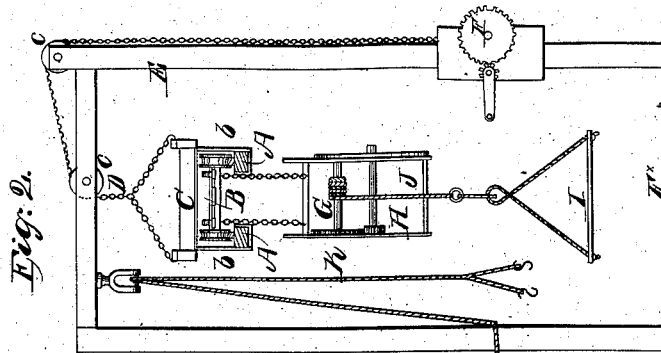


H. A. WHITNEY.

Device for Unloading or Storing Freight.

No. 48,330.

Patented June 20, 1865.



Witnesses:
W. H. Thompson
Geo. S. Smith

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UNITED STATES PATENT OFFICE.

HENRY A. WHITNEY, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN DEVICES FOR UNLOADING OR STORING FREIGHT.

Specification forming part of Letters Patent No. 48,330, dated June 20, 1865.

To all whom it may concern:

Be it known that I, HENRY A. WHITNEY, of the city of Brooklyn, county of Kings, and State of New York, have invented a new and useful Machine for Unloading, Storing, and Loading Freight, Merchandise, &c.; 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 drawings, forming part of this specification, in which—

Figure 1 is a side view of my invention, partly in section; Fig. 2, an end view of the same, also partly in section.

Similar letters of reference indicate like parts.

This invention relates to a new and useful device for unloading, storing, and loading freight, merchandise, &c., and has for its object economy in labor, the saving of time, and a greater facility than usual in removing goods from carts and trucks and the loading or placing of them thereon.

The invention consists in the employment or use of an elevated way or track arranged in such a manner that it may be inclined more or less from a horizontal plane, and using in connection therewith a car with an adjustable platform suspended to it, all arranged as hereinafter fully shown and described.

A A represent two ways, on which a car or truck, B, is fitted and allowed to move freely. These ways are fitted at one end in stirrups *a a* at the upper part of the doorway of a building, and the ways near the opposite end are fitted in stirrups *b b*, the upper ends of which are connected by a bar, C, having a chain, D, attached to it, which passes over pulleys *c c* at the upper part of a framing, E, and is attached at its lower end to a windlass, F. This framing E is erected on the sidewalk F* near the curbstone, as shown clearly in Fig. 1.

G is a windlass, which is suspended from the car or truck B, said windlass being in a suitable frame, H; and I is a platform, which is attached to the rope J of the windlass. The car or truck B is moved in either direction—that is to say, toward the doorway of the building, or from the latter toward the framing E, by inclining the ways A through the medium

of the windlass F, the end of the ways at the framing E being depressed when it is desired to have the car or truck pass from the building toward the curbstone, and said end of the ways elevated when it is desired to have the car or truck pass from the framing E toward the building. Thus, by this simple means, the goods or merchandise may be conveyed from a building or store to the outer edge of the sidewalk to be loaded upon a cart, or taken from the cart and conveyed to the building or store.

The platform I is raised and lowered through the medium of the windlass G and the goods are conveyed to and from the building or store on this platform, which is lowered to a convenient position to receive the goods from a cart or truck and then elevated or raised, and the outer end of the ways raised to cause the goods to be conveyed to the building or store. In loading a cart or truck from a building or store the same process is gone through with the platform, receiving the goods in the doorway and then elevated and the outer end of the ways depressed to cause the car and platform to move from the building or store to the cart or truck.

I would remark that the goods may be conveyed to the back of a store by simply adding ways to the inner end of the ones described, a supplemental framing being employed to sustain them.

By this invention a cart or truck may be placed with its side parallel with the curbstone, for the purpose of loading or unloading, and the street consequently will not be obstructed, as is now the case in consequence of the team and vehicle having a crosswise position on the street. The invention admits of goods being lowered down directly from a cart or truck into a sub cellar through an opening in the sidewalk.

I would remark that, if necessary or desired, two cars, B, may be employed, one for conveying the goods from the cart or truck to the doorway of a building or store, and the other for conveying the goods back in the store.

I would further remark that instead of the windlass G a lever may be employed for raising and lowering the platform, and that a rope

or cord, K, may be attached to the car or truck to serve as a stop or limit the movement of the same.

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

1. The elevated ways A A, arranged in the manner shown, to admit of being adjusted in an inclined position for the movement of the

car or truck B on the ways, for the purpose specified.

2. In combination with the above, the suspended hoisting device G H J, with the platform I attached.

HENRY A. WHITNEY.

Witnesses:

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