

B. K. PARKER.
Truck for Moving Oil-Cloths, &c.
No. 218,563. Patented Aug. 12, 1879.

Fig. 1.

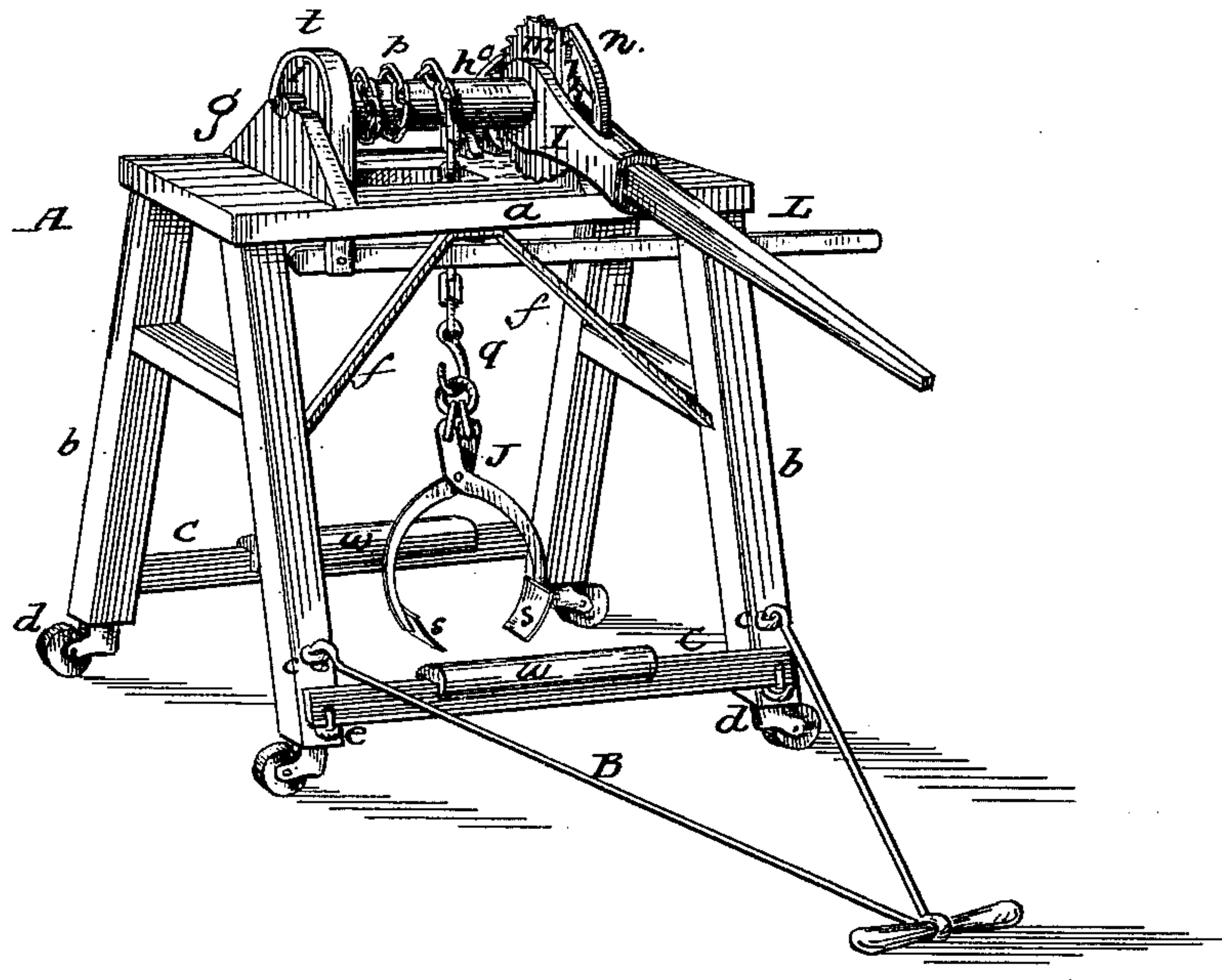
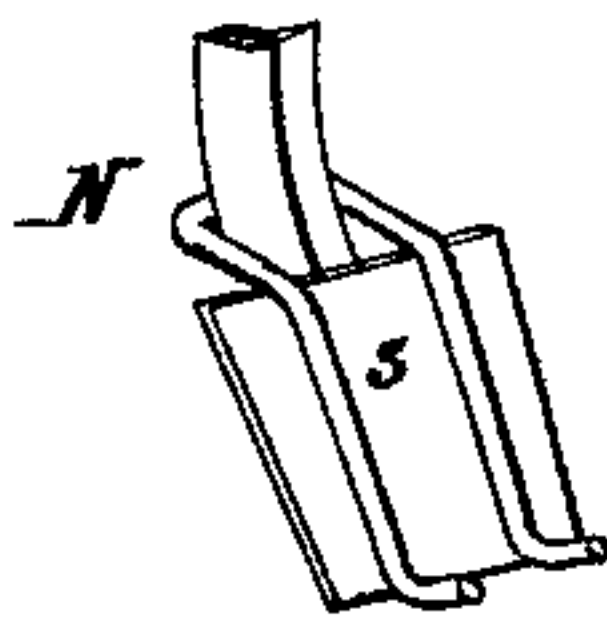


Fig. 2.



Attest:

Fred Benjamin
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By his attorney
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UNITED STATES PATENT OFFICE.

BARZILLAI K. PARKER, OF NEW YORK, N. Y.

IMPROVEMENT IN TRUCKS FOR MOVING OIL-CLOTHS, &c.

Specification forming part of Letters Patent No. **218,563**, dated August 12, 1879; application filed February 6, 1879.

To all whom it may concern:

Be it known that I, BARZILLAI K. PARKER, of New York city, New York, have invented Improvements in Trucks for Moving Oil-Cloth, &c., of which the following is a specification.

The object of my invention is a store-truck specially adapted to move oil-cloth, &c., and constructed, as fully described hereinafter, so that the bales, either in rolls or boxed, may be lifted, carried, and deposited wherever desired.

In the drawings, Figure 1 is a perspective view of my improved store-truck, and Fig. 2 a detached view.

The frame A of the truck consists of the platform *a* and legs *b*, each provided with a wheel or roller, *d*, and with eyes *c* or other attachments for a handle, B, by which the truck may be drawn upon the floor.

The legs are also provided with eyes *e* or other devices for securing two transverse detachable bars, C. Suitable braces *f* impart the required stability to the parts.

In standards *g g* on the platform *a* turn the journals of a shaft or windlass, *h*, having a pulley, *i*, at one end, and a ratchet-wheel, *m*, at the other, to which is adapted a pawl, *n*, of a lever, I, turning on the shaft.

A gravity-pawl, *o*, also engages with the ratchet, and a chain, *p*, wound round the shaft carries a hook, *q*, from which is suspended a grapple, J, having wide bearings, flat jaws *s* being shown.

A flexible band, *t*, passing over the pulley *i*, is attached to a hand-lever, L, by which the band may be pressed against the pulley, to serve as a brake.

The truck is brought above the roll of oil-cloth or other article to be removed, the bars C are detached, and the grapple J is allowed to descend, when it will automatically clasp the roll, which will rest, without being wounded, on the flat faces *s*, as it is raised by the vibration of the lever I.

When the bale is at a sufficient height, the bars C are replaced, the brake holding the bale in position meanwhile, and then permit-

ting it to descend easily until it rests upon the bars, which relieve the hoisting mechanism of all strain while the bale is being removed to its desired position.

It will be seen that the bars C also steady the heavy bale, and prevent its swinging or racking the device; and it will be apparent that a rest or brace may be made for the bale in other ways—as, for instance, by swinging braces or brackets hinged to the legs, to bear against the bale and support or steady it.

Any wounding of the bale may be prevented by applying to the bars C detachable covers *u*, having broad faces; or the bars may be provided with permanent cushions.

As the broad faces *s* would not serve for grasping a box, I avoid the necessity of employing another grapple by using a device, N, Fig. 2, consisting of a rod bent to pass round the leg of the grapple, and terminating in lugs *w*, which serve to catch the box. It will be apparent, however, that the device may be otherwise constructed, so as to hang upon the upper edge of the blade *s*.

It will also be seen that hoisting devices and grapples of different construction may be employed.

I claim—

1. The combination, in a portable truck, of a frame, A, supported by wheels *d*, grapple J, hoisting mechanism, and movable rests or braces C, arranged to support the article raised by the hoisting mechanism while the truck is being moved.

2. The combination of the movable truck, its windlass *h*, ratchet and lever, pulley *i*, band *t*, and lever L, as set forth.

3. The combination, with the bars C, of the cushions *u*, as specified.

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

BARZILLAI K. PARKER.

Witnesses:

CHARLES E. FOSTER,
FRED BENJAMIN.