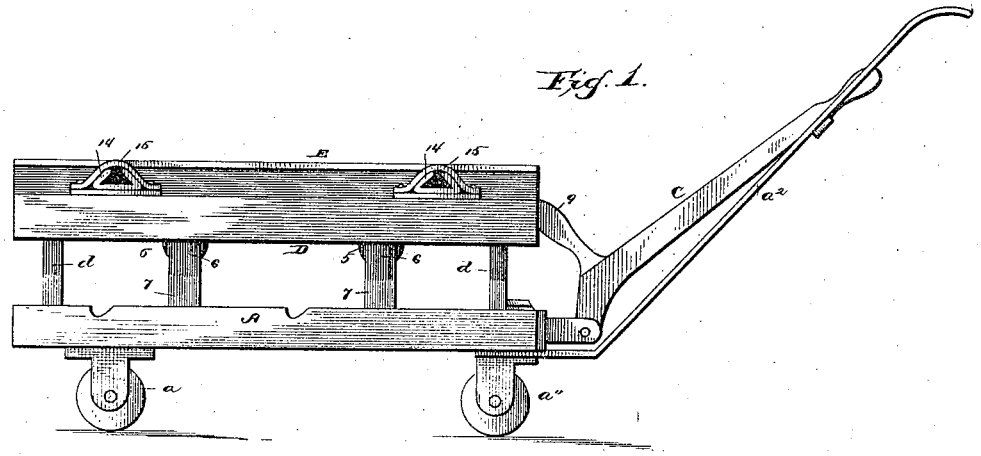
(No Model.)

J. H. BELL & A. L. GREGORY.

STOVE TRUCK.

No. 383,610. Patented May 29, 1888.

Fig. 1.



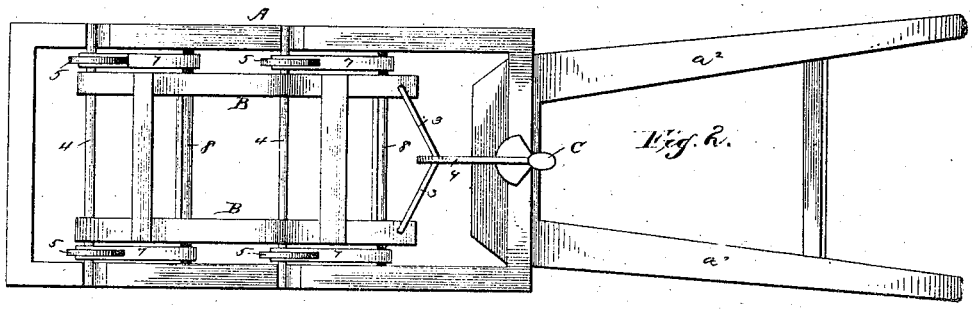
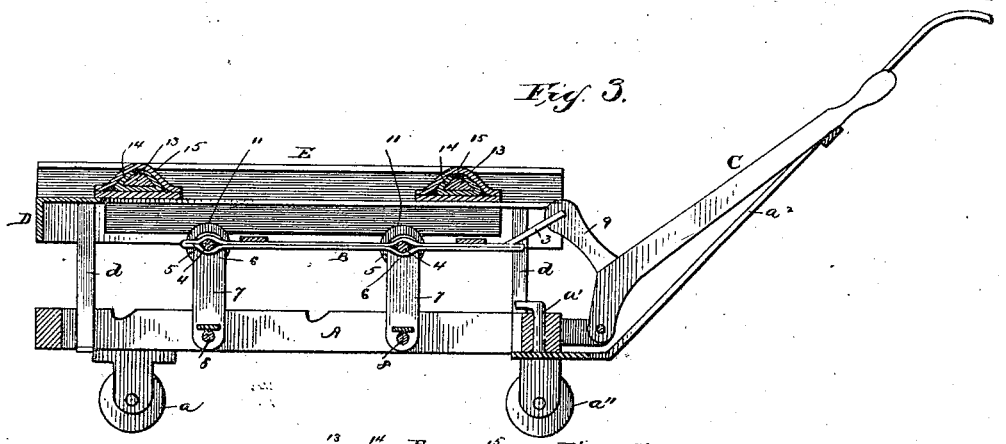


Fig. 2.

Fig. 3.



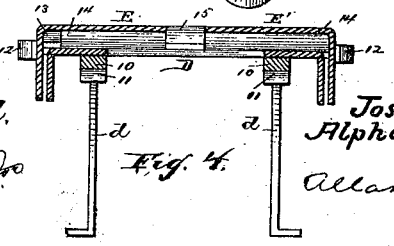


Fig. 4.

WITNESSES.

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UNITED STATES PATENT OFFICE.

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STOVE-TRUCK

SPECIFICATION forming part of Letters Patent No. 383,610, dated May 29, 1888.

Application filed December 6, 1887. Serial No. 257,152. (No model.)

To all whom it may concern:

Be it known that we, JOSEPH H. BELL and ALPHONSO L. GREGORY, citizens of the United States of America, residing at Edenton, in the county of Chowan and State of North Carolina, have invented certain new and useful Improvements in Stove-Trucks, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention pertains to certain new and useful improvements in stove-trucks, and has for its object the provision of a truck comprising simple and efficient means for elevating a stove and retaining the movable platform in position when elevated.

A further object is to provide an upper extensible platform, so as to enlarge the horizontal bearing-surface thereof.

To these ends the invention consists in the detail construction, combination, and arrangement of parts, substantially as hereinafter fully set forth, and particularly pointed out in the claims.

In the accompanying drawings, Figure 1 is a side elevation of our invention with a portion removed and showing the movable platform elevated. Fig. 2 is a plan view thereof with the platform removed. Fig. 3 is a longitudinal sectional view, and Fig. 4 is a cross sectional view.

Referring to the drawings, A represents the truck frame or body, provided near its forward end on either side with wheels *a a*, and through a slot in the rear cross-bar of said frame or body is passed a spindle, *a'*, projecting from the frame of a rear caster-wheel, *a''*. To this frame are connected the lower right-angular ends of the handles a^2 a^2, by means of which said caster-wheel frame can be turned as may be desired.

B is the elevating-frame, composed of two parallel side bars connected at suitable distances apart and at their rear ends by a bent rod, 3. Through suitable oppositely-disposed boxes secured to the side bars of this frame are passed rods or axles 4 4, upon the ends of which are disposed small rollers 5. The ends of these rods or axles 4 are supported in the upper slotted ends of the opposite vertical arms, 6 6, of U-shaped frames 7 7, the rollers 5 being designed to rotate in the slots in said arms. The lower projecting ends of these vertical arms 6 6 of each frame 7 are pivotally secured on cross-rods 8 8 of the frame or body A.

C is a lever fulcrumed at its lower end to the rear cross-bar of the frame or body A, and it is provided with a forwardly-projecting finger, 9, connected at its outer end to the center of the rod 3 of the frame B. By means of this lever the frame B can be raised or lowered, as may be desired, the ends of the rods or axles 4, when lowered, bearing in grooves in the sides of the frame or body A.

D is the upper platform, provided with four depending guide-arms, *d d*, having lower outwardly-bent ends designed to bear against the lower surface of the sides of the frame or body A when the platform is raised or elevated. The sides and front of this platform D have right-angular flanges designed to rest upon the frame or body A when lowered, and to the under side of the side portions of this platform are secured parallel bars 10, wherein are formed opposite grooves or recesses, 11.

E E' are two similarly-constructed adjustable boards, provided each with side handles, 12, and to the under side of the boards E are secured triangular-shaped rods 13, telescoping or sliding in guide-rods 14, attached to the under side of the board E, said telescoping rods being passed through and held in position by staples or keeper-plates 15, secured to the front and rear cross-bars of the platform D. By means of these telescoping rods the boards can be held close together or far apart, according to the extent of bearing-surface it is desired to obtain.

In practice the lower edges of the sides of the platform D rest on the upper surfaces of the sides of the frame or body A when said platform is lowered, and when a stove or other article is in position to be raised, the truck having been placed in the proper position, said platform, together with the stove, will be elevated by grasping the lever C, which will effect the raising of the pivoted U-shaped frames 7, causing the rollers 5 to enter the grooves or recesses 11 in the bars of the platform, and thus firmly hold said platform elevated, the arms of said rocking frame being vertical when the platform is in this position.

We claim as our invention—

1. In a stove-truck, the movable platform independent of the truck frame or body and capable of being raised and lowered, as shown and described.

2. As an improvement in trucks of the class herein described, the platform having adjustable boards, substantially as shown and described.

3. As an improvement in trucks of the class herein described, the platform having the adjustable boards and the telescoping rods, substantially as shown and described.

4. The combination, with the truck frame or body, of the pivoted U-shaped frames carrying rollers, the movable platform, and the lever, substantially as shown and described.

5. The combination, with the truck frame or body, of the elevating-frame, the rods or axles carried thereby, the rollers, the pivoted U-shaped frames, and the platform, substantially as shown and described.

6. The combination, with the truck frame or body and the frame carrying the rods or axles, of the pivoted U-shaped frames carrying rollers, the platform having grooves or recesses, and the operating-lever, substantially as shown and described.

In testimony whereof we affix our signatures in presence of two witnesses.

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Witnesses:
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