W. H. TUCKER, R. S. DORSEY, & L. W. FREDERICK.

Adjustable Stove-Trucks.

No. 223,017. Patented Dec. 30, 1879.

Fig. 1.

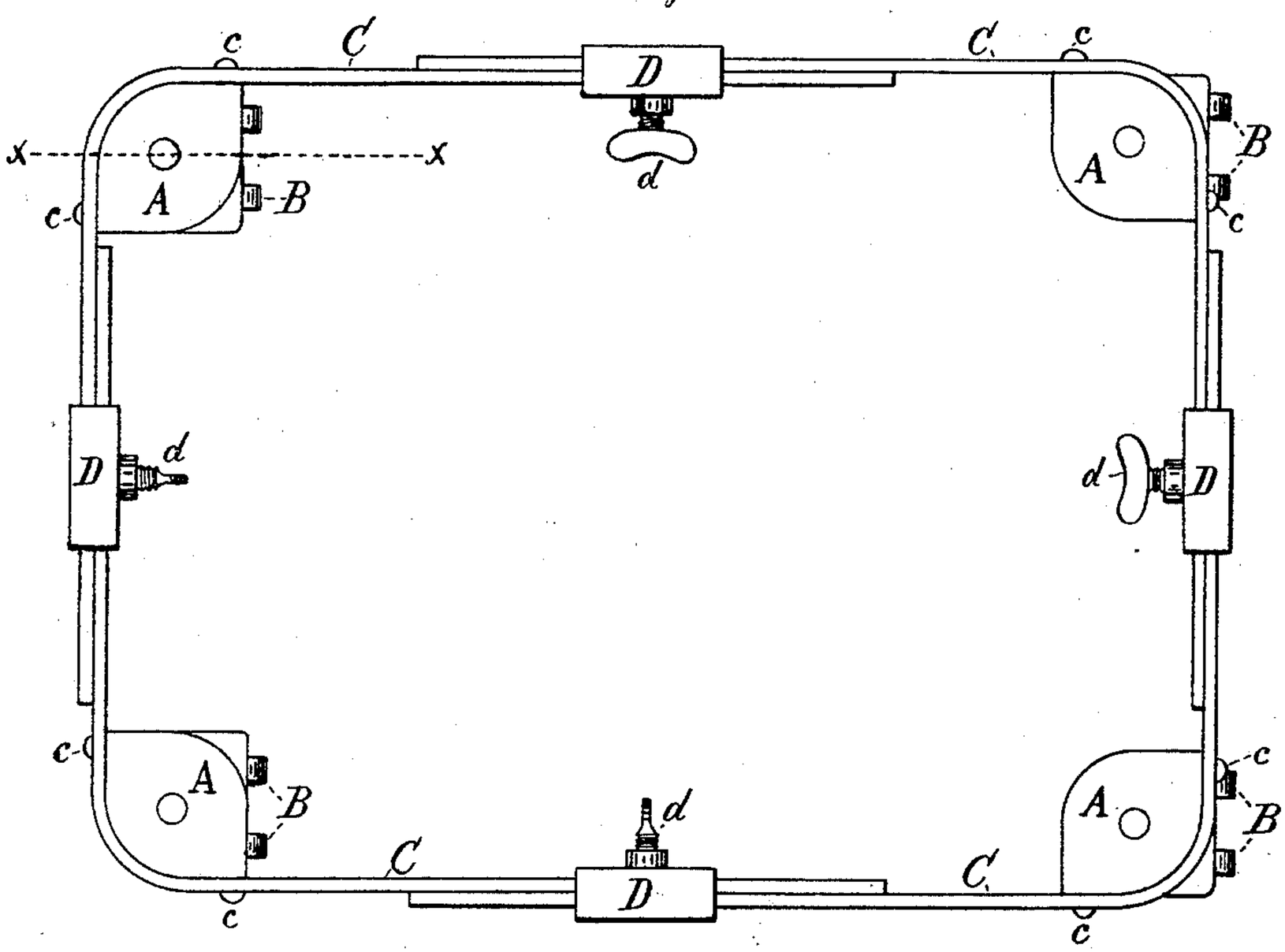


Fig. 2.

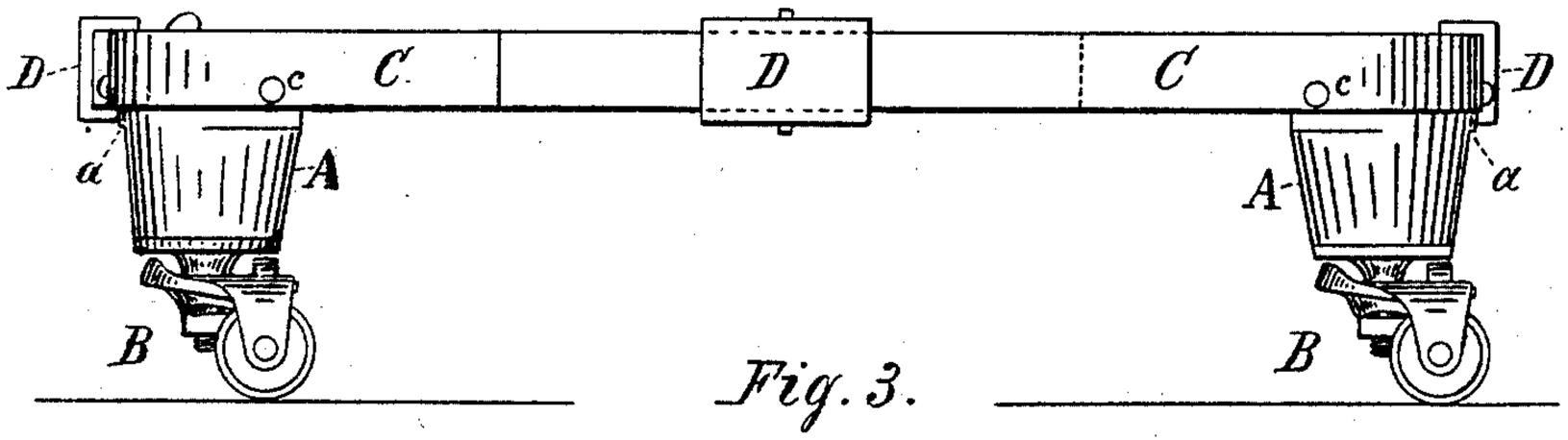
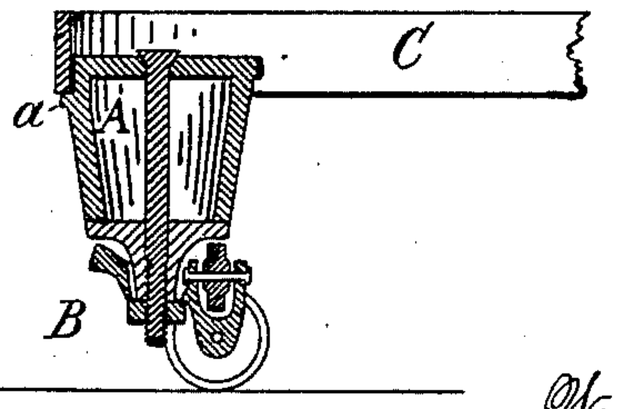


Fig. 3.



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WILLIAM H. TUCKER, ROBERT S. DORSEY, AND LEVI W. FREDERICK, OF INDIANAPOLIS, INDIANA; SAID FREDERICK ASSIGNOR TO SAID TUCKER AND DORSEY.

IMPROVEMENT IN ADJUSTABLE STOVE-TRUCKS.

Specification forming part of Letters Patent No. **223,017**, dated December 30, 1879; application filed June 24, 1879.

To all whom it may concern:

Be it known that we, WILLIAM H. TUCKER, ROBERT S. DORSEY, and LEVI W. FREDERICK, of the city of Indianapolis, county of Marion, and State of Indiana, have invented certain new and useful Improvements in Adjustable Stove-Trucks, of which the following is a specification, reference being had to the accompanying drawings, which are made a part hereof, and on which similar letters of reference indicate similar parts.

Figure 1 is a top or plan view of our improved truck. Fig. 2 is a side elevation thereof. Fig. 3 is a vertical section of one of the corners, looking toward the nearest bar C from the dotted line *x x* in Fig. 1.

In said drawings, the portions marked A represent the corner-pieces of our improved truck, which rest upon suitable casters B; C, bars, constructed, preferably, of flat iron rods, which form the beams of the truck; and D, devices by which the beams are secured together, and which are of such a form as to render the truck extensible.

The object of our invention is to produce a durable and convenient adjustable truck of simple and cheap construction, upon which stoves and other articles may be mounted and handled, the principal use for which it is intended being the handling and displaying thereon by stove-dealers of their wares.

To accomplish our object we take four corner-pieces, A, made specially for this use, and attach thereto metal bars, usually simply pieces of ordinary flat bar-iron of about the size three-sixteenths by one and one-half inch, and usually so bent that the two arms formed thereby shall extend in directions at right angles with each other, as shown in Fig. 1. The several pairs of arms are then connected by suitable clamps or fastenings D, as shown, and after mounting the device so formed on casters the truck is complete and ready for use.

We have devised some advantageous details of construction, which we will now proceed to describe.

Upon the corner-pieces A, at the proper point, are cast flanges *a*, upon which the bars C rest. The bars being otherwise only connected to the corner-pieces by the rivets *c c*, the flanges receive the weight when the load is mounted upon the top of the beams, as it often is, especially in moving stoves before the legs are inserted, or ranges which have no legs. The bars C are so attached to the corner-pieces as to project far enough above them to form flanges or sockets to receive the stove-feet, (when, as is usually the case, the stoves are put in complete order with the feet attached before being put on the truck,) as well as to fill their principal office of truck-beams.

The height of the corner-pieces A (which also form the legs of the truck) may be easily increased, if desired, in one way by inserting blocks between them and the top plates of the casters.

If it is desired, the top plate of the caster can be cast as a part of the corner-piece, in which case a machine-screw could advantageously take the place of the bolt which fastens the corner-piece and caster together.

Many forms of device for holding the beams of the truck together might be employed instead of the clamp D, one of which consists in slotting the beams and using two bolts; another in a different form of clamp having a vertical instead of a horizontal screw; still another in a clamp with an eccentrically-formed button as a fastener, &c. We do not therefore desire to confine ourselves to the form shown, or to any other particular form, but expect to use any fastening which will answer our purpose.

As sometimes stoves are made with three legs, we do not desire to confine ourselves to a square truck, but may instead apply the same construction to a triangular truck, or even to a hexagonal or octagonal one, should it be wanted, though we are aware that such constructions would be less desirable for most purposes than the square form, and therefore do not anticipate having to make them on many occasions.

The beams of this truck, being level upon their tops, admit of the truck being covered with boards for the purpose of carrying articles which cannot conveniently be laid upon the

truck in its ordinary form, and in this respect it has a marked advantage over ordinary adjustable trucks, the beams of which are uneven and unfit for this use.

In case it is desired to extend the truck to an extremely large size, an additional piece can be inserted in each of the beams, or in any two of them, by using an additional clamp for each piece.

Having thus fully described our said invention, what we claim as new, and desire to secure by Letters Patent, is—

1. The combination of several similar parts, forming an adjustable truck, each of said parts being composed of a corner-piece, A, and a bar, C, and in which said bar extends partially around said corner-piece and is fastened thereto, and the projecting ends form two arms, which, being suitably connected to the arms of other of the parts, constitute portions of two of the beams of the truck, substantially as specified.

2. In an adjustable truck, a flat metal bar, C, forming at the same time a portion of two truck-beams, and a flange to contain the foot of the stove or other article to be mounted thereon, substantially as specified.

3. In the corner-piece A to an adjustable truck, the flange *a* as a support to the beams C, substantially as specified.

4. The combination of the corner-pieces A, beams C, composed of flat straight bars, and clamps D, the whole resting upon and supported by casters, and forming an adjustable truck, substantially as specified.

5. An adjustable truck the beams of which are composed exclusively of flat metal bars set vertically edgewise and fastened to corner-pieces, substantially as shown and specified.

In witness whereof we have hereunto set our hands and seals at Indianapolis, Indiana, this 17th day of June, A. D. 1879.

WILLIAM H. TUCKER. [L. S.]
ROBERT S. DORSEY. [L. S.]
LEVI W. FREDERICK. [L. S.]

In presence of—
C. BRADFORD,
E. A. VANCE.