W. E. WALKER.

Trucks for Moving Buildings.

No. 134,950. Patented Jan. 14, 1873.

Fig. 1.

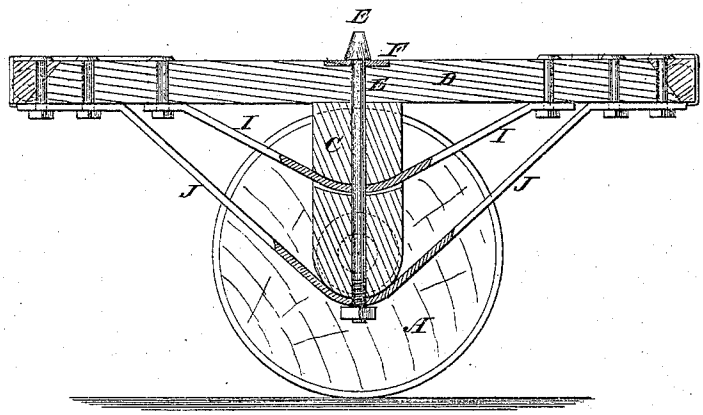
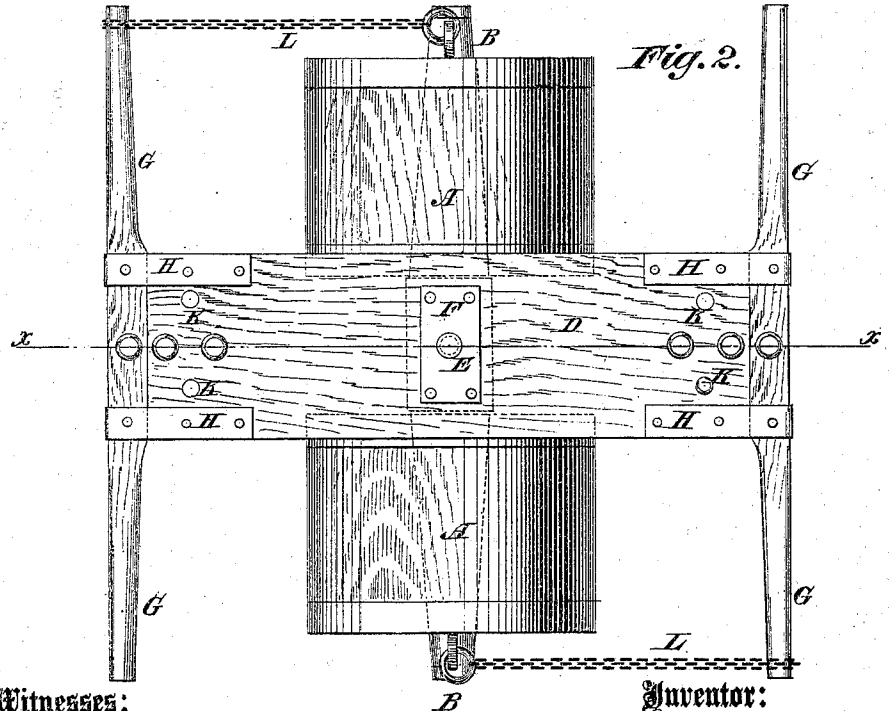


Fig. 2.



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UNITED STATES PATENT OFFICE.

WILLIAM E. WALKER, OF ALBION, IOWA.

IMPROVEMENT IN TRUCKS FOR MOVING BUILDINGS.

Specification forming part of Letters Patent No. **134,950**, dated January 14, 1873.

To all whom it may concern:

Be it known that I, WILLIAM E. WALKER, of Albion, in the county of Marshall and State of Iowa, have invented a new and useful Improvement in Trucks for Moving Buildings, of which the following is a specification:

This invention relates to a truck for facilitating the operation of moving buildings; and consists in the construction and arrangement of parts hereinafter described.

In the accompanying drawing, Figure 1 represents a longitudinal vertical section of the truck, taken on the line *x x* of Fig. 2. Fig. 2 is a top or plan view.

Similar letters of reference indicate corresponding parts.

A A represent two broad truck-wheels on the axle B, with a space between them, which admits the sand-board C. This sand-board rises up to the surface of the wheels, and the broad bolster D rests thereon. E is the king-bolt, which passes down through the bolster, sand-board, and axle, as seen in Fig. 1. F is the bolster-plate. The upper end of the king-bolt projects above the bolster and plate, and is a little tapering, and is intended to enter the under side of the sill of the building to be moved. G G represent the regulating-arms, attached to each end of the bolster, to which they are firmly secured by the iron straps H. I represents a stay-brace, attached to the under side of the bolster, which passes through the sand-board. J is a brace, of similar shape, with its ends attached to the under side of the bolster, which passes down and under the axle, where it receives the lower end of the king-bolt, as seen in Fig. 1. These braces are so attached and connected with the axle and sand-board that the bolster may be turned to the right or left, as may be desired, to vary the direction of the building. K represents holes in the bolster, by means of which the bolster may be attached to the sill of the building by screws. The truck will run on a track laid for the purpose of planks or timber. L L are chains, attached to the ends of the axle, or to the linch-pins and to the regulating-arms, as seen in Fig. 2, when the line of motion is straight. When it is necessary to turn in either direction one of the chains is let out and the other one is taken up, so that the bolster is held stationary into any desired position.

Four, more or less, of these trucks are placed under the building to be moved. They simply sustain the weight and facilitate the movement of the building, the motive power being applied independently thereof.

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

The braces I J, when combined and arranged, as described, with the axle B, sand-board C having curved slot, bolster D, and king-bolt E, so that the bolster is thus re-enforced and strengthened without being prevented from turning in the sand-board.

WILLIAM E. WALKER.

Witnesses:

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