J. S. MILLIKAN.

Truck.

No. 78 883. Patented June 16, 1868.

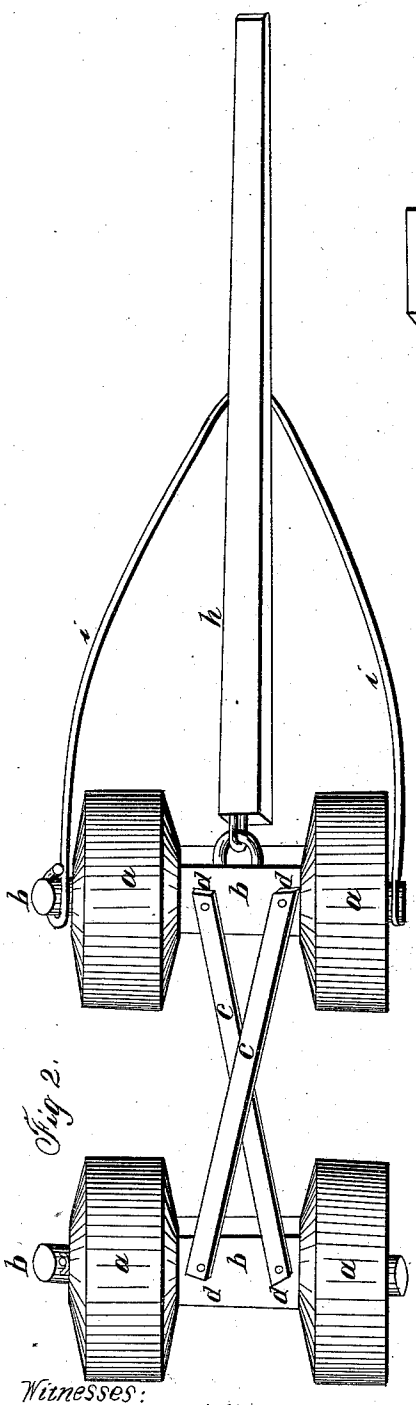

Fig 2.

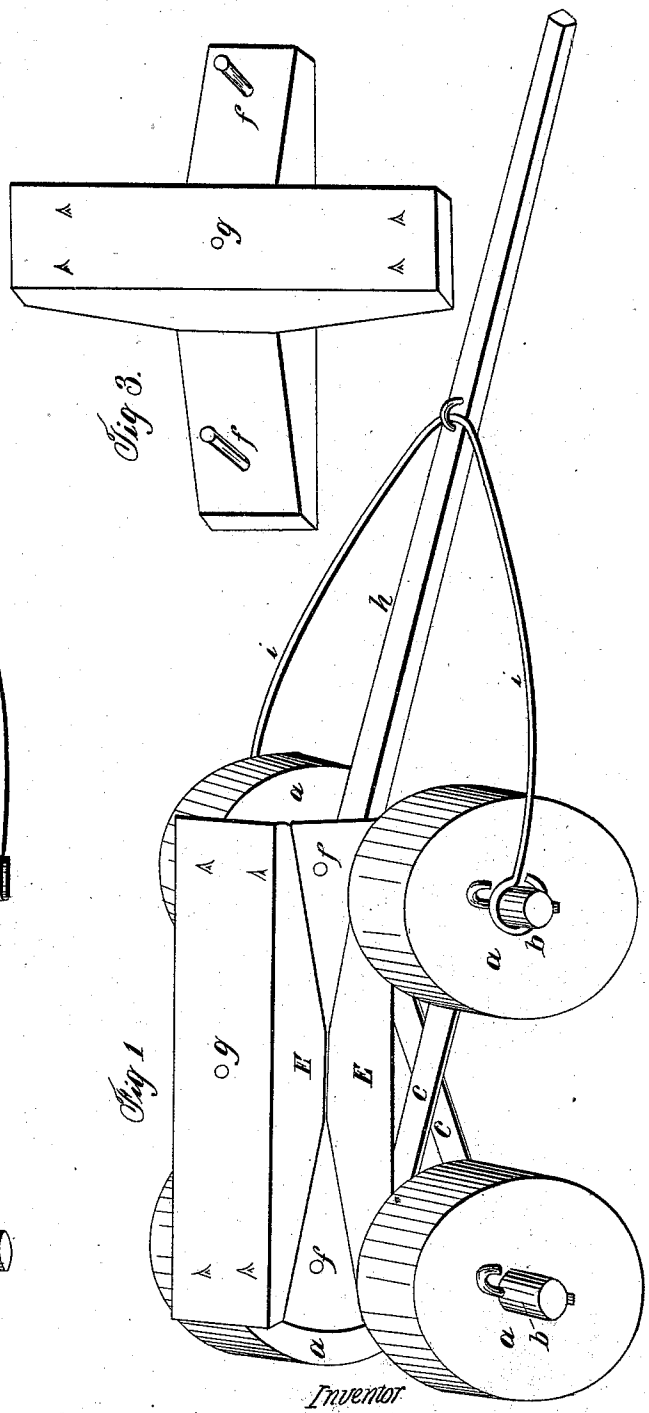

Fig 1.

Fig 3.

Witnesses:
A. N. Conklin
Jno. F. Dwyer

Inventor
John S. Millikan

United States Patent Office.

JOHN S. MILLIKAN, OF THORNTOWN, INDIANA.

Letters Patent No. 78,883, *dated June* 16, 1868.

IMPROVED TRUCK FOR MOVING HOUSES.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, JOHN S. MILLIKAN, of Thorntown, in the county of Boone, and State of Indiana, have invented a new and improved Machine for Moving Houses and other large and heavy bodies and substances; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in providing a safe and efficient apparatus to place beneath houses and other large and heavy bodies, so that they may be transferred from one point to another, with economy of time, labor, and power, and with safety to the article moved while in progress.

To enable others skilled in the art to make use of my invention, I will proceed to describe its construction and operation.

Figure 1 represents a complete view of the entire machine, four (4) of these being used in all operations of moving, if the article, thing, or substance to be moved is very large, one of these machines being placed under each corner, the power being applied to the object to be moved itself, and the machines used only for locomotion and placing in position when the point of location has been reached.

Figure 2 represents the under side of the machine, showing the apparatus for coupling and making short turns.

Figure 3 represents the bolsters, or rather the main bolster and bolster-cap, fastened together by an iron king-bolt.

I construct wheels, *a a a a*, of iron or wood, or other proper material, which are placed upon the spindles of axles *b b*, made of wood or iron.

The axles are united by transverse iron bars, C C, bolted to the lower side of the axles by bolts *d d d d*. A small space is left between the head of these bolts and the axles, greater than the thickness of the coupling-bar, so as to allow some play to the coupling-bars, and thus enable the machine to make short turns. The tongue, *h*, is of no use, except to be used in guiding the machine. No power is attached to it; it should be fastened to some part of the object being moved. The lower bolster *e* rests by the ends on each axle, and is held in its place by bolts of iron, *f f*. The upper bolster or bolster-cap rests on its bevelled centre on the lower bolster at the same point, and is firmly fastened to it by a heavy iron bolt, *g*. The upper bolster thus moving on a pivot in all directions, gives the desired change of the object hauled to any position that may be necessary.

The tongue-braces I I are of iron, and run back to and loop around the point of the fore spindles.

The power used may be as various as the kind or character of the object to be moved. To use the above machine, place one of them under each corner, say, of a wooden building. It will then rest on the movable bolster-cap. Fasten the tongue to the building, so as to hold it up. Fasten the rope or chain attached to the power to the front end of the building itself, and when the power is put in motion, the building will move on the machines in the proper direction, and will be easily directed in its course.

What I claim as my invention, and desire to secure by Letters Patent, is—

A truck for moving buildings, having transverse bars *c c*, bolts *d d d d*, *f f*, and *g*, and bolsters *e e*, constructed, combined, and arranged substantially as herein specified.

JOHN S. MILLIKAN.

Witnesses:

H. N. CONKLIN,

JOHN F. DURFELD.