

W. H. Totten,

Elevator.

No. 49,805.

Patented Sep. 5, 1865.

Fig. 1.

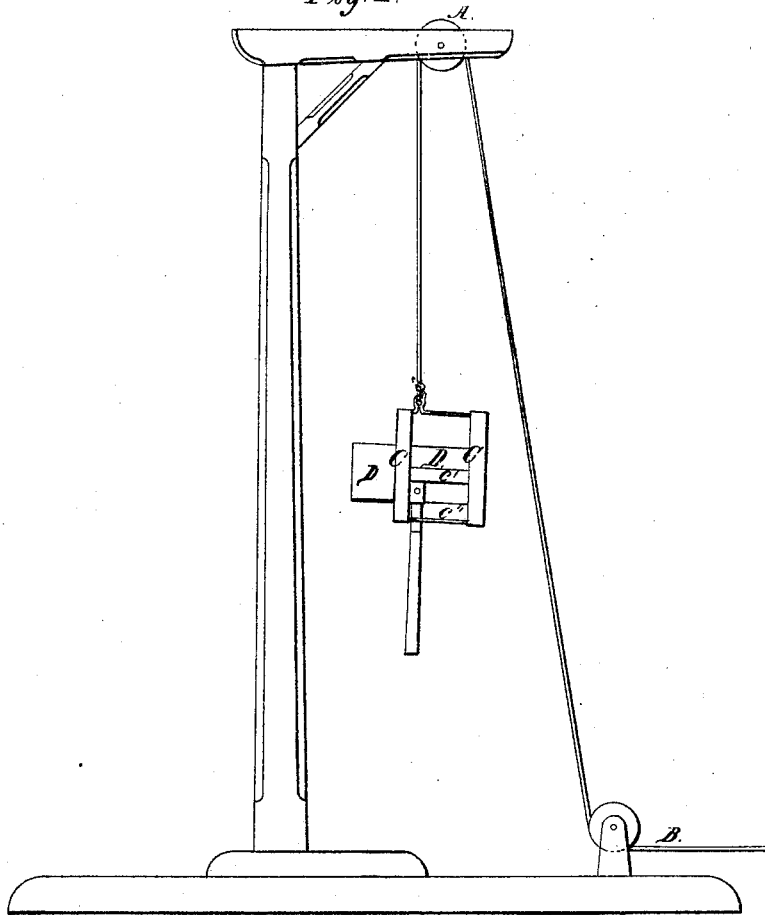


Fig. 3.

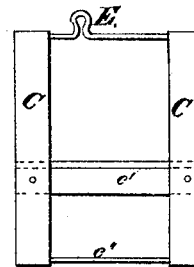
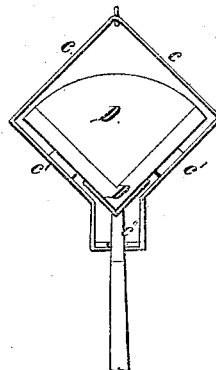


Fig. 4.



Fig. 2.



Witnesses:

William H. Lattery
John Botsford,

Inventor:

W. H. Totten

UNITED STATES PATENT OFFICE.

WILLIAM H. TOTTEN, OF ACADEMIA, PENNSYLVANIA.

IMPROVEMENT IN HOD-ELEVATORS.

Specification forming part of Letters Patent No. **49,805**, dated September 5, 1865.

To all whom it may concern:

Be it known that I, WILLIAM H. TOTTEN, of Academia, Juniata county, Pennsylvania, have invented a new and Improved Hod-Elevator for Building Purposes; and I do hereby declare the following is a full, clear, 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 attaching to a hoisting-rope a frame or cage of such a convenient shape that the hod, when filled with bricks or mortar, may be easily placed in or removed from it.

Figure 1 is an elevation showing the hod being hoisted. Fig. 2 is an end view of hod in the elevator. Fig. 4 is a plan of bottom brace of elevator. Fig. 3 is a side view of elevator.

Similar letters in each figure refer to the same parts.

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

A is a pulley, fixed to some convenient part of the building or scaffolding.

B is the hoisting-rope, which is operated by a horse or windlass, as circumstances may require.

C is the elevator, suspended to the rope B.

The bands *c c* are of wrought-iron, connected by the wooden cross-bars *c'*, upon which the hod rests.

The bottom cross-bar, *c''*, is of iron and slotted at one end, *c'''*, to receive the hod-handle, as shown in plan, Fig. 4.

The eye E, to which the rope is attached, is so placed on the elevator that when the hod is being hoisted it has a slight inclination backward, to prevent the bricks or mortar falling out, as shown in Fig. 1.

The mode of the operation is this: The elevator is lowered to the ground, the hod, filled with bricks or mortar, inserted. It is then hoisted to the top of the building and removed from the elevator, thus saving a great amount of labor.

The elevator is of such a shape that the hod is inserted and removed with great facility.

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

Hoisting a hod by means of a movable elevator, C, constructed and operating substantially as described.

W. H. TOTTEN.

Witnesses:

JOHN BOLSFORD,
WILLIAM FLATTERY.