

ELI DEEVER.
Improvement in Water-Elevators.

No. 127,745.

Patented June 11, 1872.

Fig 1

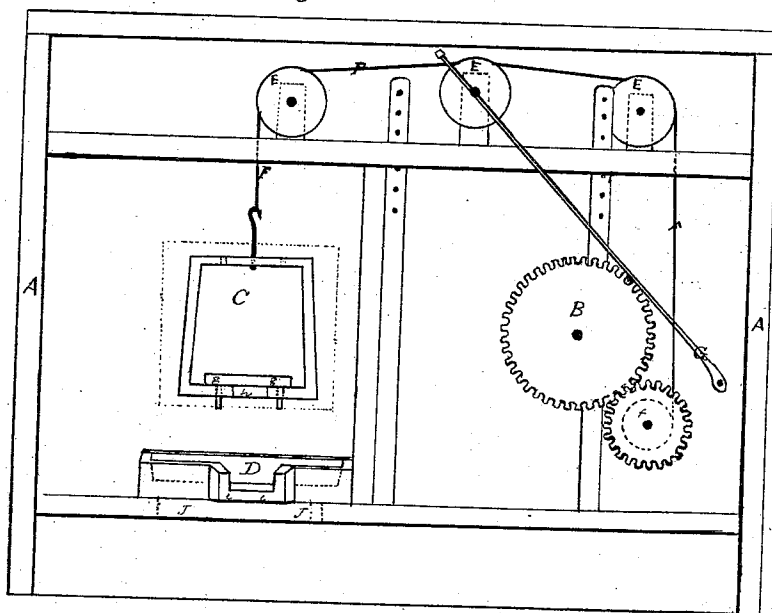
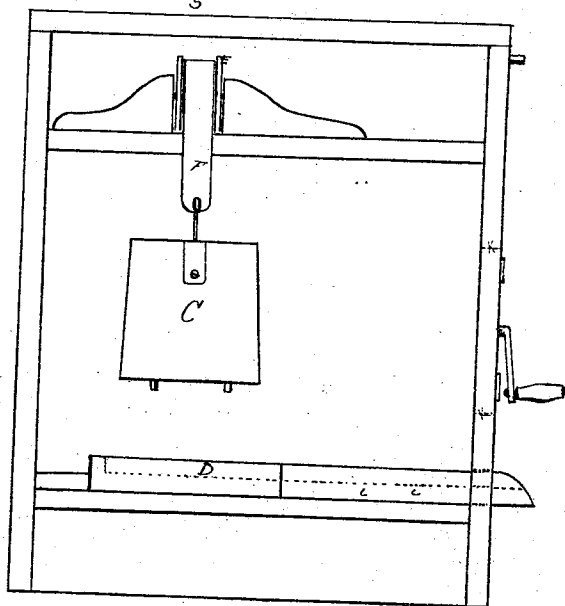


Fig 2



Signed in Presence of
J. A. Geiger
Samuel Storrs

Eli Deever

UNITED STATES PATENT OFFICE.

ELI DEAVER, OF ROKEBY, OHIO.

IMPROVEMENT IN WATER-ELEVATORS.

Specification forming part of Letters Patent No. 127,745, dated June 11, 1872.

I, ELI DEAVER, of Rokeby, in the county of Morgan and State of Ohio, have invented a Water-Elevator and Well-Curb, of which the following specification is a full description:

SPECIFICATION.

My invention relates to a novel arrangement of a sliding delivery-trough with a well-curb, as hereinafter described.

Description of the Accompanying Drawing.

Figure 1 is a side elevation of a plan embodying my invention, and represents the curb with one of its sides removed, showing the interior arrangement of the different parts of my water-elevator as they are when in a working combination. Fig. 2 is a cross-section of the curb with one of its ends removed, showing the relative position of some of the different parts to each other, with the emptying-trough in position to receive the bucket after it has been drawn up from the well or cistern.

A in the drawing indicates the curb, which is covered and provided with a side door, shown in dotted lines at K K. With the exception of the opening J, through which the bucket C passes into and out of the well, the curb is closed at the bottom. D is a sliding

delivery-trough, composed of a spout, *i*, and an enlarged part designed to cover the opening J. The spout is made of sufficient length to protrude through the side of the curb, and when the bucket is to be lowered the spout is drawn out so as to uncover opening J. So soon as the bucket is again elevated the trough is pushed in and the bucket lowered to allow it to rest in the trough and occasion the delivery of its contents by means of the valve *g*.

By this arrangement tilting or lateral movement of the bucket is obviated; the trough-spout does not protrude when water is not being drawn, and no filth can get access to the well.

To operate the bucket, I employ a strap, F, passing over pulley E and winding around a windlass, B, which is locked by a lever, G.

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

The trough D provided with spout *i*, and arranged to slide in and out of the curb to operate in conjunction with the bucket C and opening J, as set forth.

ELI DEAVER.

Attested in presence of—

JACOB EXTINE,
FRANCIS A. GEIGER.