

W. B. Wadsworth,

Windlass Water Elevator,

N<sup>o</sup>. 38,850.

Patented June 9, 1863.

Fig. 3.

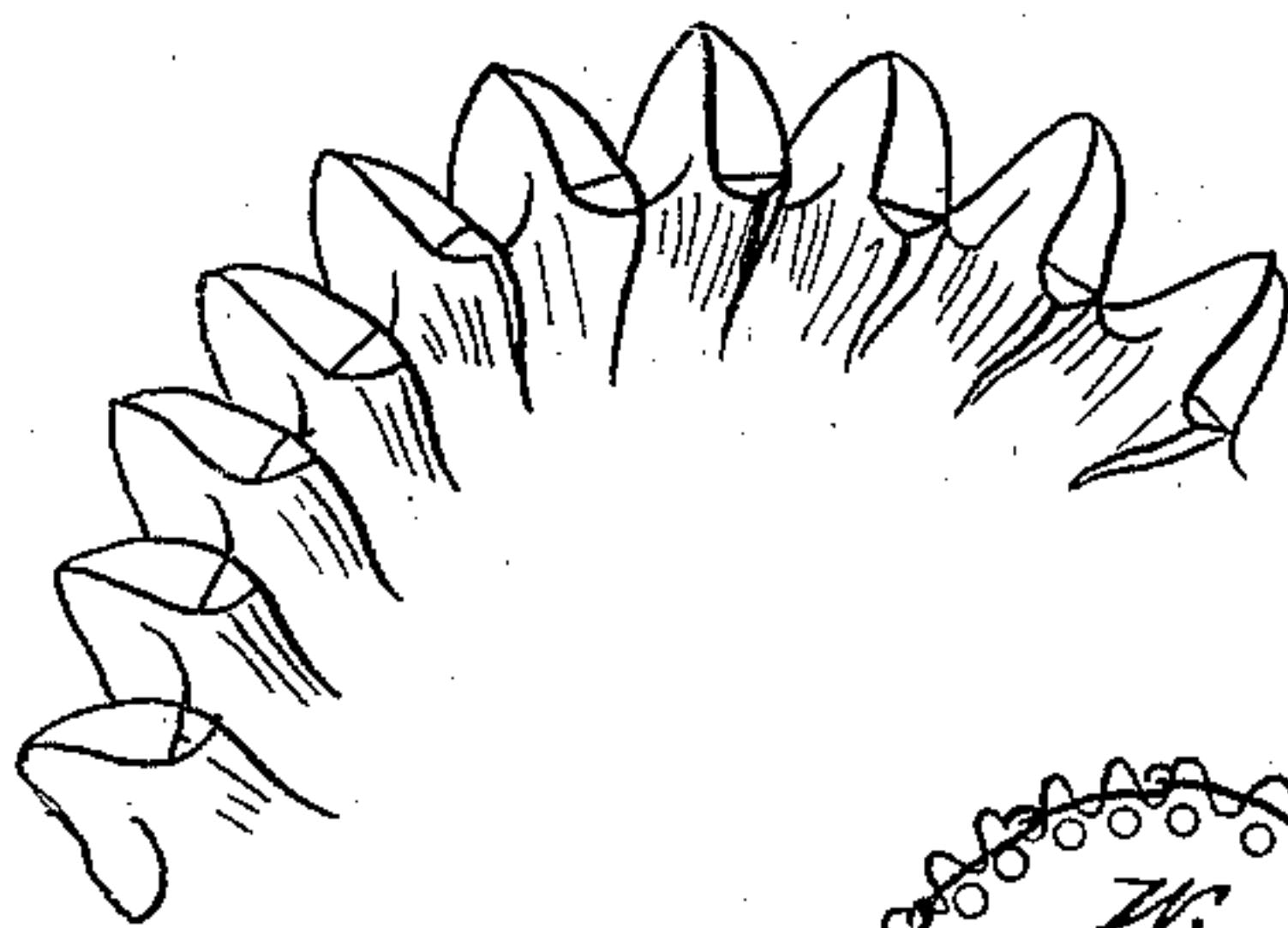
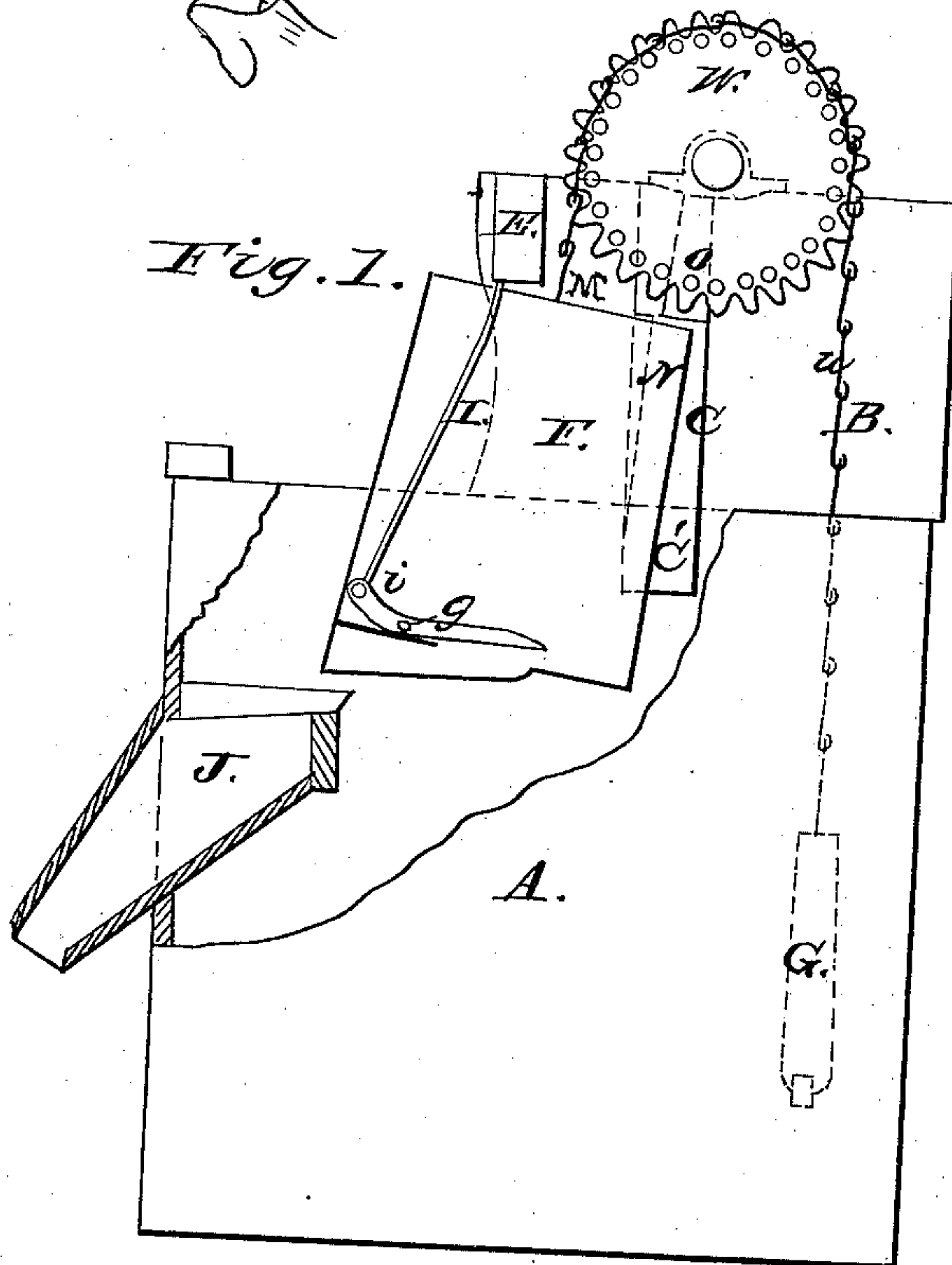


Fig. 2.



Fig. 1.



Witnesses:

S. J. Powell

J. A. Andrews

Inventor.

William B. Wadsworth.

# UNITED STATES PATENT OFFICE.

WILLIAM B. WADSWORTH, OF CLEVELAND, OHIO.

## IMPROVEMENT IN WATER-ELEVATORS.

Specification forming part of Letters Patent No. 38,850, dated June 9, 1863.

*To all whom it may concern:*

Be it known that I, WILLIAM B. WADSWORTH, of Cleveland, in Cuyahoga county and State of Ohio, have invented a new and useful Improvement in Water-Elevators for Raising Water from Wells, Cisterns, &c.; and I do hereby declare that the following is a full and clear description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, in which—

Figure 1 is a view of the machine in operation; Fig. 2, a section of chain; Fig. 3, a section of the wheel.

In constructing I make a curb, A. The upper part, B, is drawn in at the top and supported by braces or battens C, which are fastened to the body of the curb at C'; and E is a strong cross-bar running across the top, and the wheel W and chain U are substantially the same as those patented to William B. Wadsworth, January 27, 1863, and F is the bucket; G, counter-balance. H is a spout from the

bucket F to the delivery spout J. *g* is a valve in bottom of bucket F. I is a rod running from the top of the bucket down to the shank *i* of valve *g*. The bucket is attached to the chain *u* at M, and as the bucket is drawn up the back part is caught in the notches in the batten C at N, or the block *o* on C catches it, and the bottom swings forward over the spout J, and the rod I is held down by the cross-bar E, and that opens the valve *g* and lets the water out through the spout H into the delivery spout J, &c.

What I claim, and desire to secure by Letters Patent of the United States, is—

The combination of the chain and wheel, substantially as described, with the bucket F, rod I, valve *g*, and spout H, substantially as described.

WILLIAM B. WADSWORTH.

Witnesses:

SAMUEL P. POWELL,  
J. A. ANDREWS.