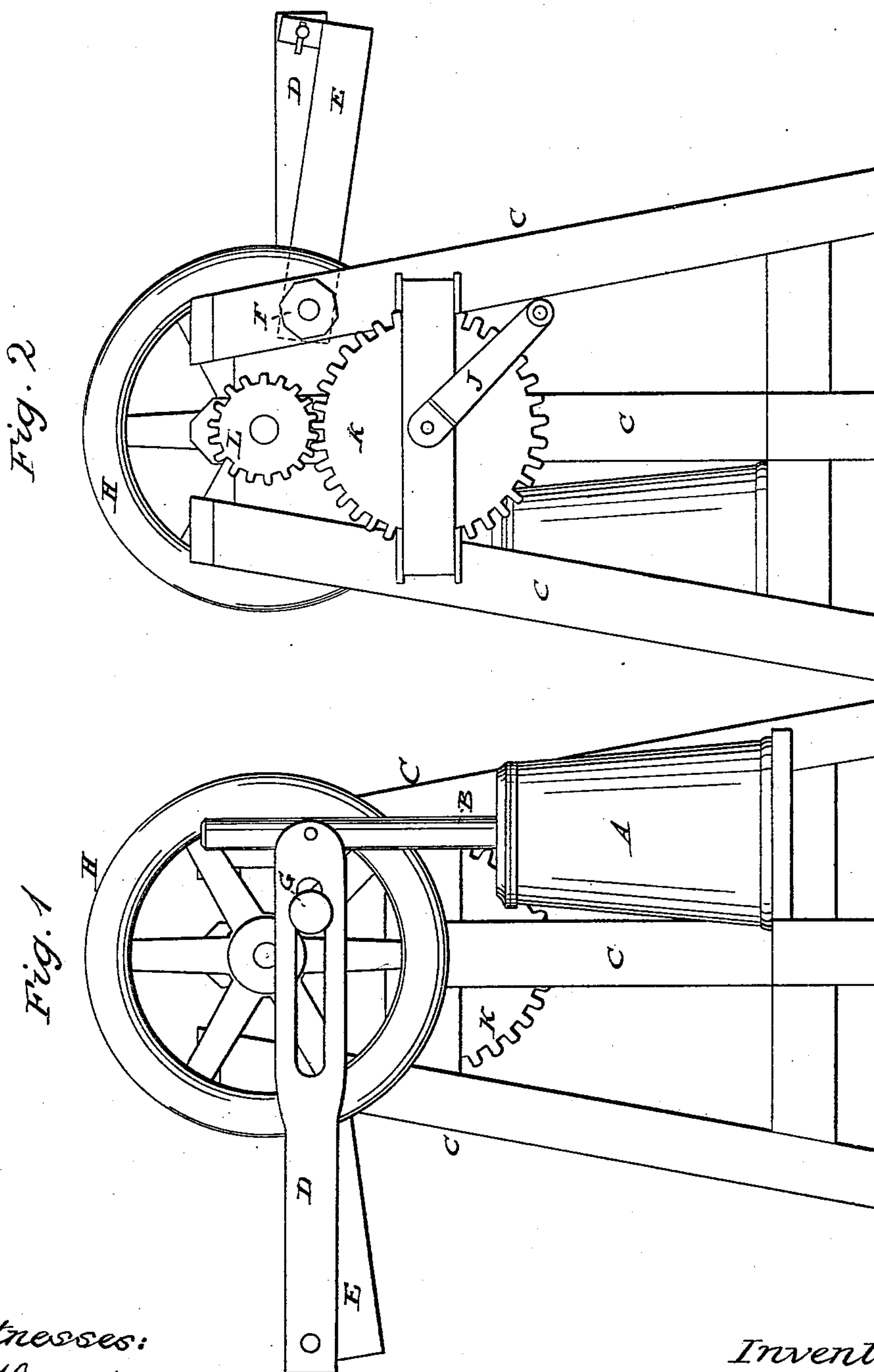


S. M. GOLDEN.

Churn.

No. 61,415.

Patented Jan. 22, 1867.



Witnesses:

Chas. Footridge
John A. Oliver

Inventor:

Stephen M. Goldin
By his Atty
J. Franklin Pargant

United States Patent Office.

STEPHEN M. GOLDEN, OF MARCELLINE, ILLINOIS.

Letters Patent No. 61,415, dated January 22, 1867.

IMPROVEMENT IN CHURNS.

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, STEPHEN M. GOLDEN, of Marcelline, Adams county, State of Illinois, have invented new and useful Improvements in Churns; and I do hereby declare the following to be an exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification, in which—

Figure 1 represents a side elevation; and

Figure 2, the opposite side of the churn.

The nature of my invention consists in the construction of the arm or piston and the arrangement and construction of the frame with its gearing in combination with the piston.

A represents the upright churn with its centre-shaft B, to which any proper-shaped beaters may be attached; C, the triangular-shaped frame, to which the piston D is attached by means of an adjustable arm, E, adjusted by means of a screw-bolt, F on one of the uprights of the frame C so as to operate the piston at any proper angle and to lower the arm E and D as low as necessary. G is the wrist on the fly-wheel H, that operates the piston D. J is the crank that operates the main cog-wheel K, that gears into the pinion L, that drives the fly-wheel H.

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

1. The arm D as operating on the wrist G, shaft B, and adjustable bolt F, as herein described and for the purposes set forth.

2. I also claim the construction of the frame C with its toothed wheels K and L, fly-wheel H, and adjustable piston D, in combination with the shaft B and churn A, when arranged and operated as herein described and for the purposes set forth.

S. M. GOLDEN.

Witnesses:

J. FRANKLIN REIGART,

EDM F BROWN