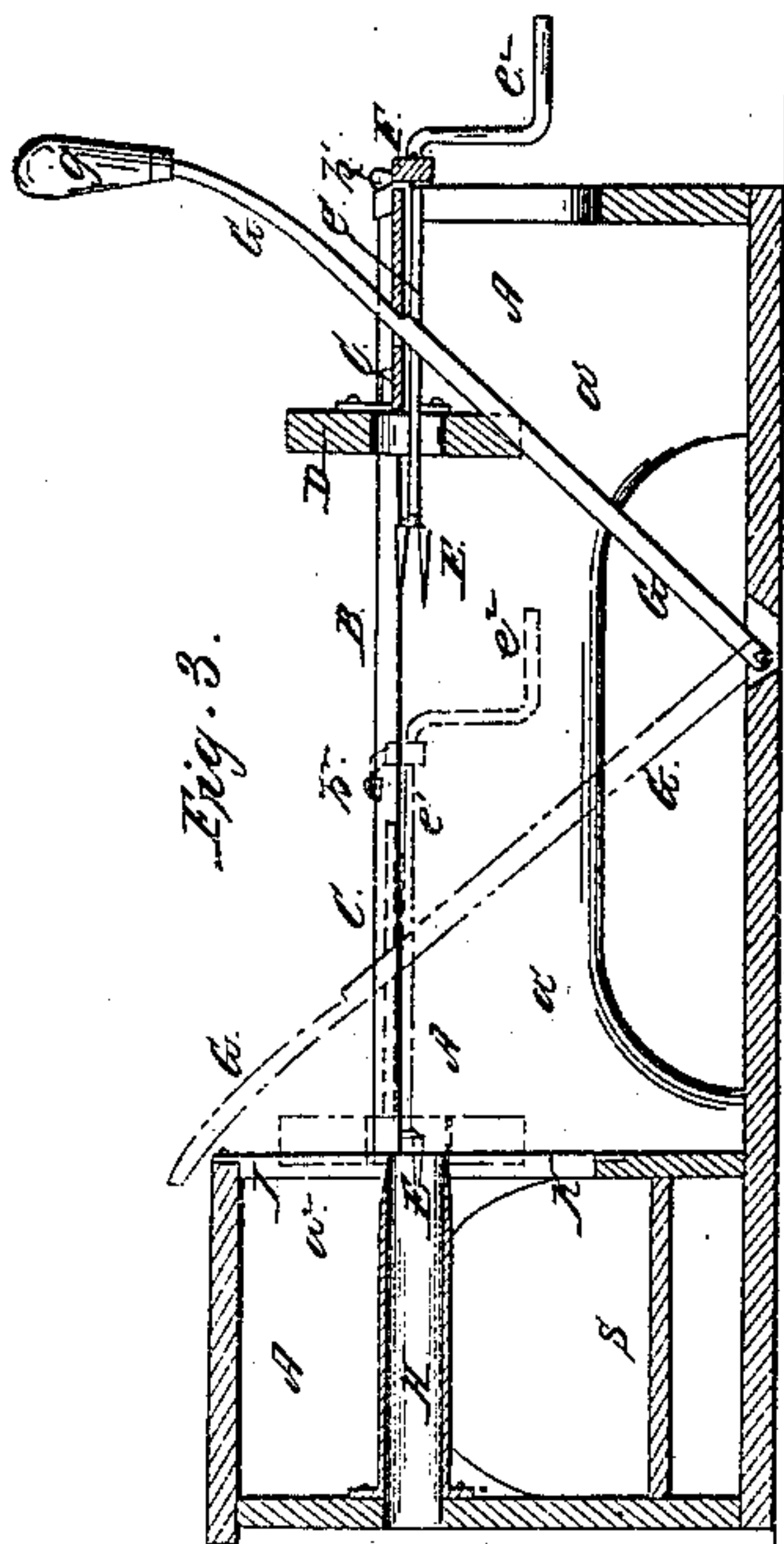
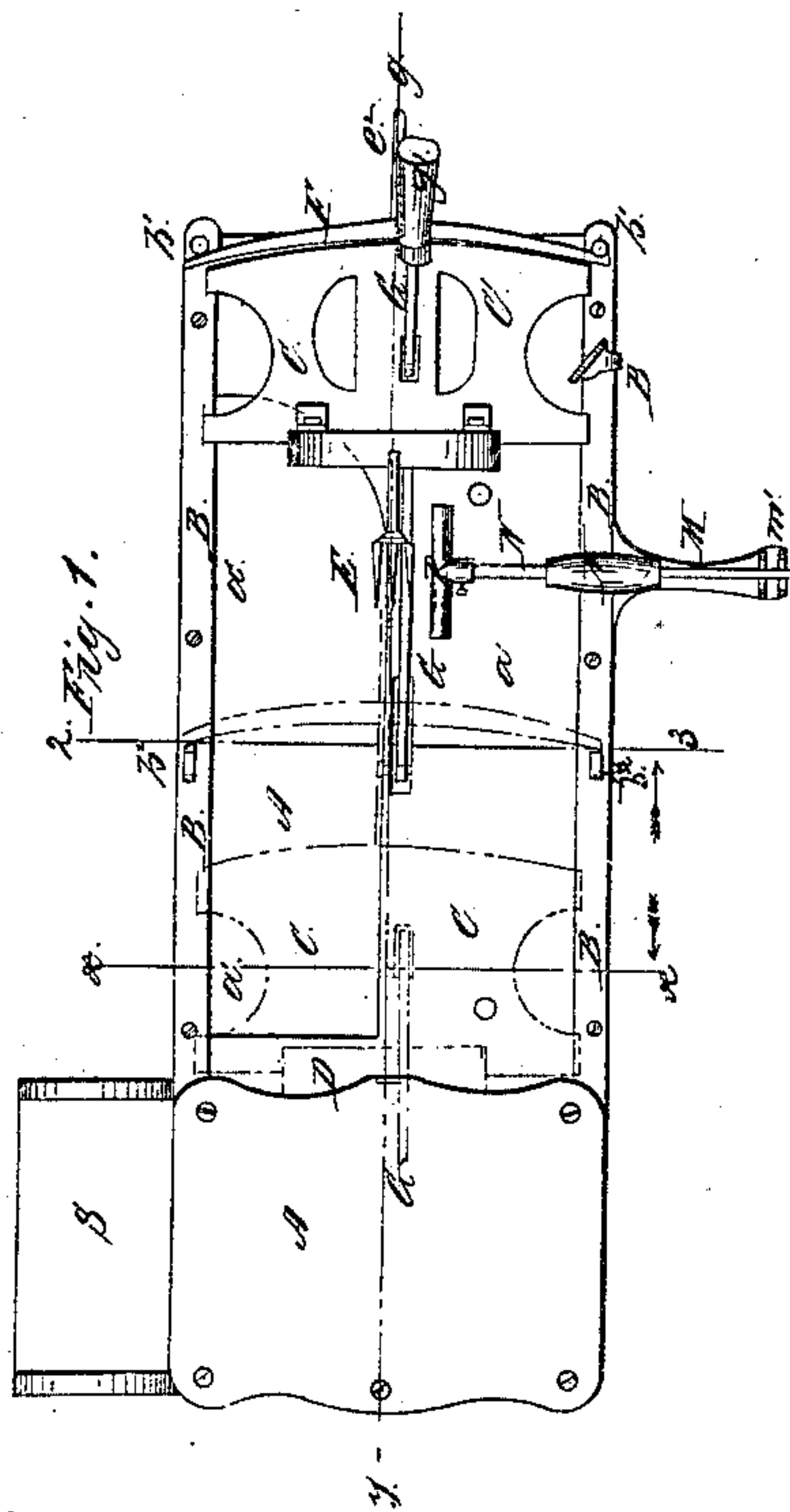
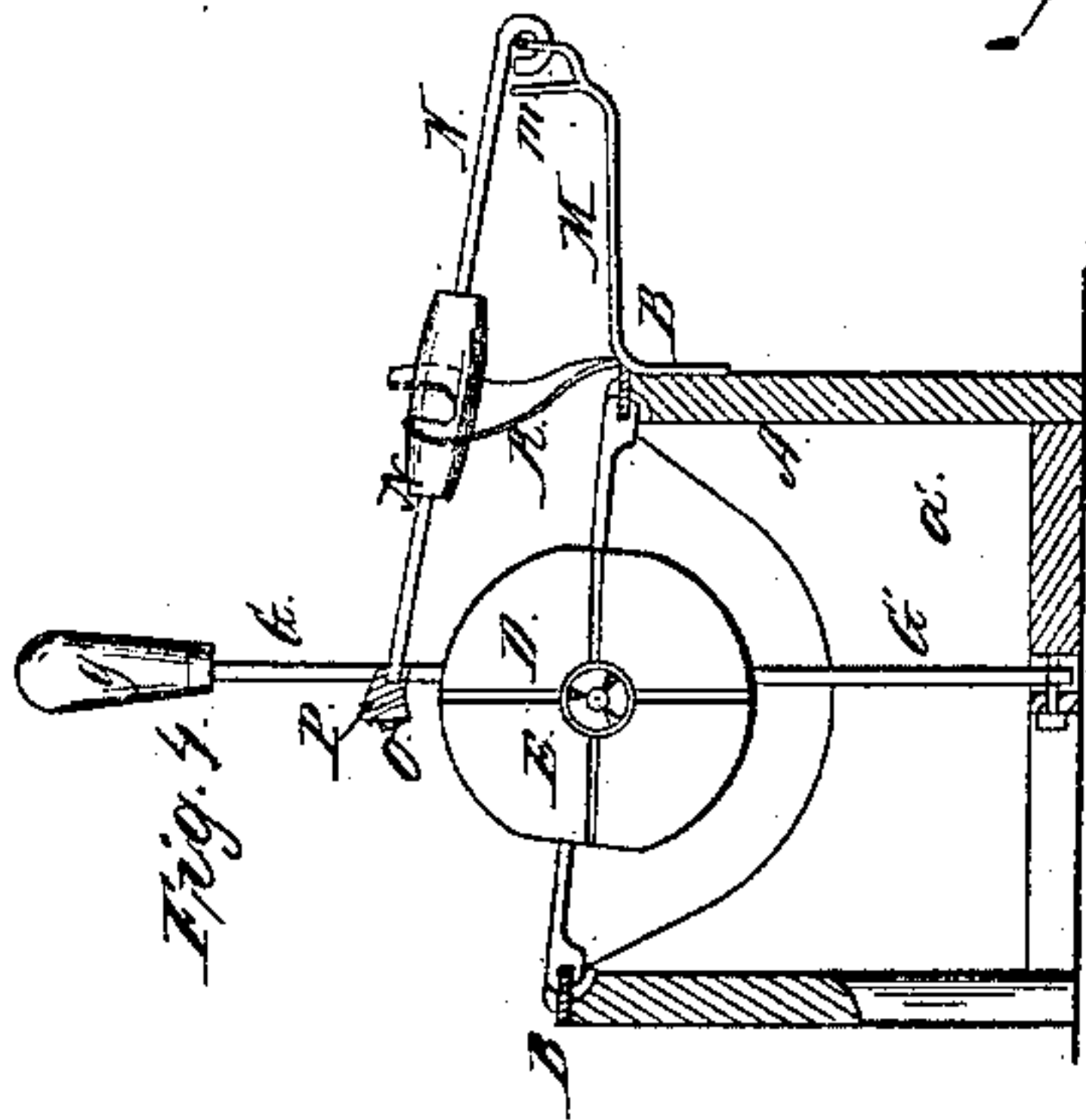
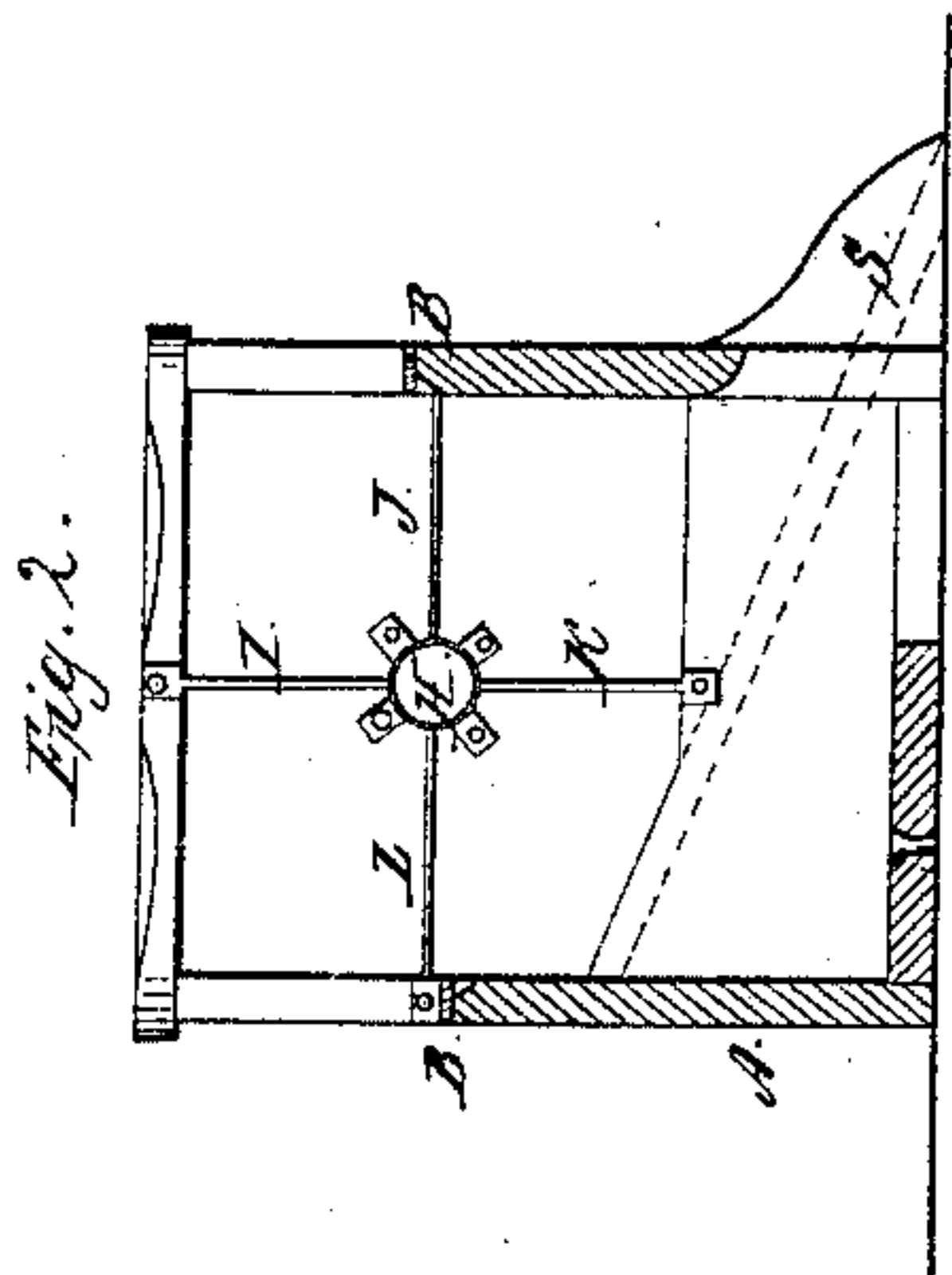


H. Selick,

Apple Parer and Corer,

N^o 57,391.

Patented Aug. 21, 1866.



Witnesses:
J W B Livingston,
Jas Trewar

Inventor:
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UNITED STATES PATENT OFFICE.

HENRY SELICK, OF LEWISTON, PENNSYLVANIA.

IMPROVED APPLE PARER AND CORER.

Specification forming part of Letters Patent No. 57,391, dated August 21, 1866.

To all whom it may concern:

Be it known that I, HENRY SELICK, of Lewiston, in the county of Mifflin and State of Pennsylvania, have invented a new and useful Improvement in Apple Parer and Corer; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a top or plan view of my improved machine. Fig. 2 is a vertical cross-section of the same, taken through the line $x x$, Fig. 1. Fig. 3 is a vertical longitudinal section of the same, taken through the line $y y$, Fig. 1. Fig. 4 is a vertical cross-section of the same, taken through the line $z z$, Fig. 1.

Similar letters of reference indicate like parts.

My invention has for its object to furnish an improved machine for paring, coring, and quartering apples at one operation, by means of which the work may be done quickly and well; and it consists, first, in the combination of the slides, fork, block, and lever with each other and with the sides of the box; second, in the combination of the paring-knife with the side of the box; and, third, in the combination of the coring and quartering knives with each other and with the box, fork, block, and slide, the whole being constructed and arranged as hereinafter more fully described.

A is the box, which is made in two parts. The part a' is uncovered, and upon its upper edges are placed metallic plates B, upon which the slides move back and forth. These plates B are furnished with stops b' at their rear ends to arrest the backward movement of the slides, and with stops b^2 in a proper position to stop the rear slide at the right time in coring and quartering the apples, as hereinafter described.

The box A is screwed fast to a bench or table, and has a part of its bottom and side cut away, as shown in Figs. 2, 3, and 4, for the escape of the parings into a receptacle placed beneath.

C is the main or forward slide, the end edges of which are grooved to fit and slide upon the edges of the plates B, as shown in Fig. 4. To the forward edge of the slide C is attached

the circular block D, through the center of which passes the fork-shaft c' . The front face of this block is grooved with vertical and horizontal grooves, crossing each other at right angles, as shown in Fig. 4, for the reception of the edges of the quartering-knives.

The rear slide, F, slides upon the plates B, and is stopped both in its forward and rearward movements by the stops b^2 and b' . The lever G is pivoted at its lower end to the bottom of the box A, as shown in Figs. 3 and 4, and extends up through a slot in the slide C, as shown in Figs. 1 and 3, and its upper end terminates in the handle g' . Upon the rear edge of the lever G is formed a notch, as shown in Fig. 3, which catches upon the edge of the slot in the slide C when said slide is pushed back, and holds it while the apple is being pared.

E is the fork, the shaft of which passes through the block D and through a projection on the under side of the rear slide, and terminates in a crank, e^2 , by means of which the apple is revolved while being pared.

To the forward end of the part a^2 of the box A is attached one end of the coring tube or knife H, the other end of which is attached to and supported by the ends of the quartering-knives I, J, K, and L. The other end of the knife I is attached to the edge of the top or cover of the part a^2 of the box. The other ends of the knives J and L are attached to the sides of the box, and that of the knife K to the low partition that separates the parts a' and a^2 of the said box A. To the side of the box A is attached an arm, M, to the end of which is pivoted the end of the knife shank or handle N.

The knife-blade O may be attached to the knife-head P in any convenient manner, which knife-head may be attached to the handle or shank by a set-screw, as shown in the drawings, or in any other convenient way.

M' is a circular rest formed upon the upper side of the arm M, which renders it impossible for the knife to come in contact with the fork and be dulled or injured. R is a rest attached to the side of the box to support the knife when not in use.

In using the machine the slides C and F are pushed back into the position represented in black in Fig. 1. The apple is then placed

upon the fork E, and the knife guided by the left hand, while the right hand turns the crank. When the apple is pared the lever G is pushed forward, carrying the slides C and F with it, until the rear slide, F, is stopped by the stops b^2 just as the forward end of the fork reaches the mouth or edge of the coring tube or knife H. The slide C and block D, continuing to advance, push the apple off the fork and forward upon the knives until the said knives have passed through the apple and entered the grooves in the said block D, the core passing out through the tube H and the quartered apple through the spout S. The lever G is then drawn back into its former position ready for another apple.

It should be observed that the vertical sides of the part a' of the box A are made of different heights, the side next the operator being considerably lower than the other, which renders it more convenient in placing the apple upon the fork and gives more space for managing the knife.

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

1. The combination of the slides C and F, the fork E, the block D, and lever G with each other and with the sides of the box A, the parts being constructed and arranged substantially as described, and for the purpose set forth.

2. The circular rest M' , in combination with the arm M, arranged in the manner and for the purpose specified.

3. The combination of the coring knife or tube H and quartering-knives I, J, K, and L, constructed as described, with the box A, fork E, block D, and slide C, substantially as and for the purpose set forth.

HENRY SELICK.

Witnesses:

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