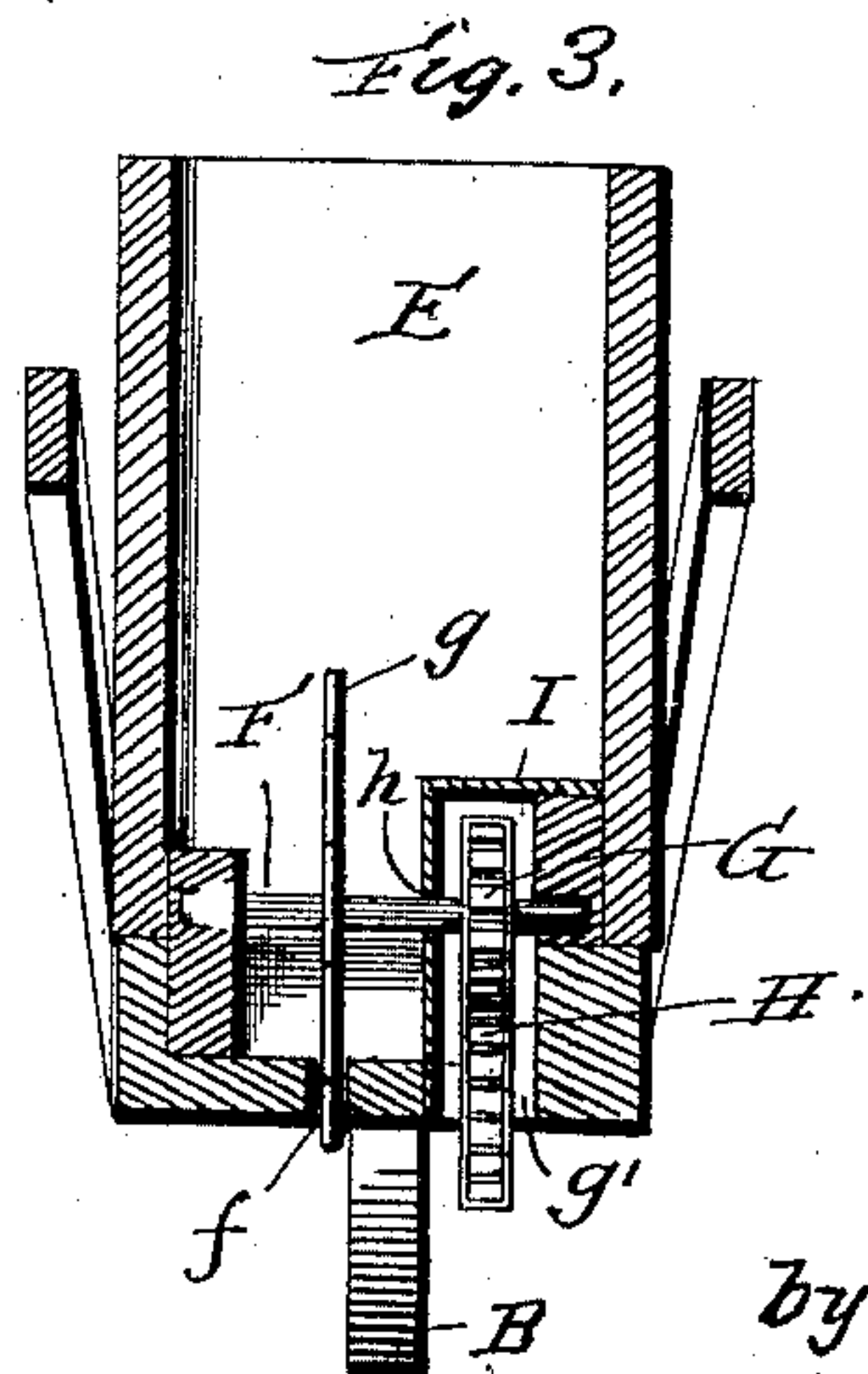
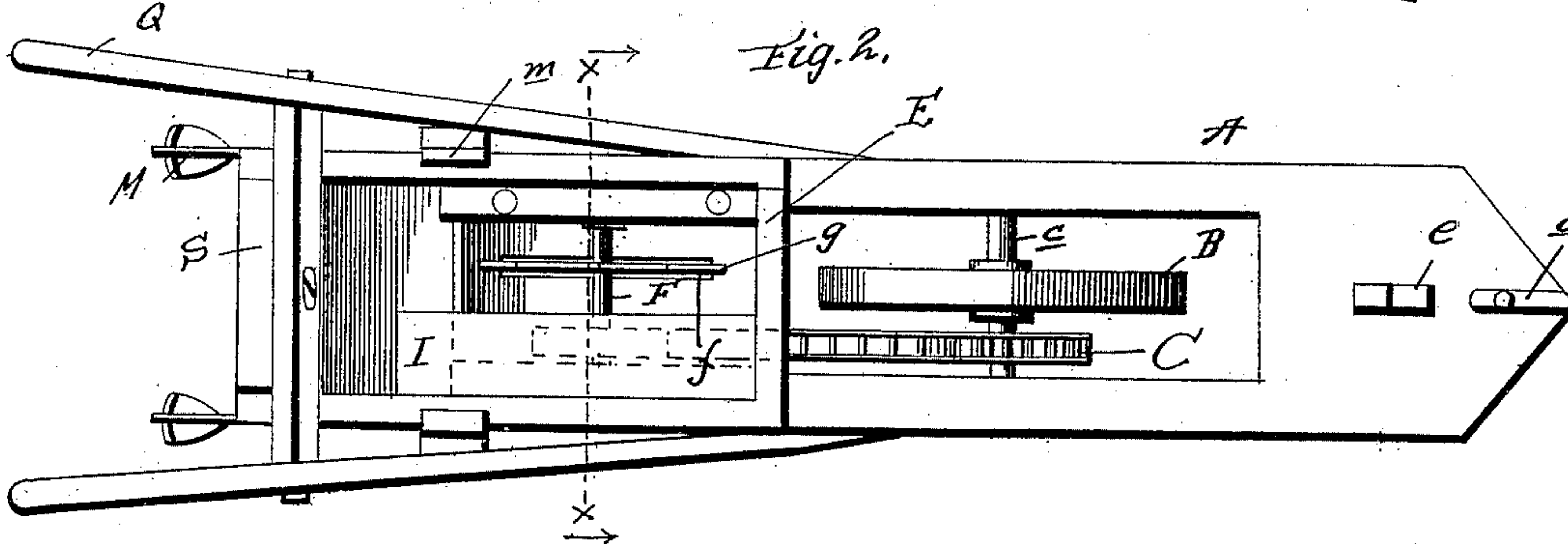
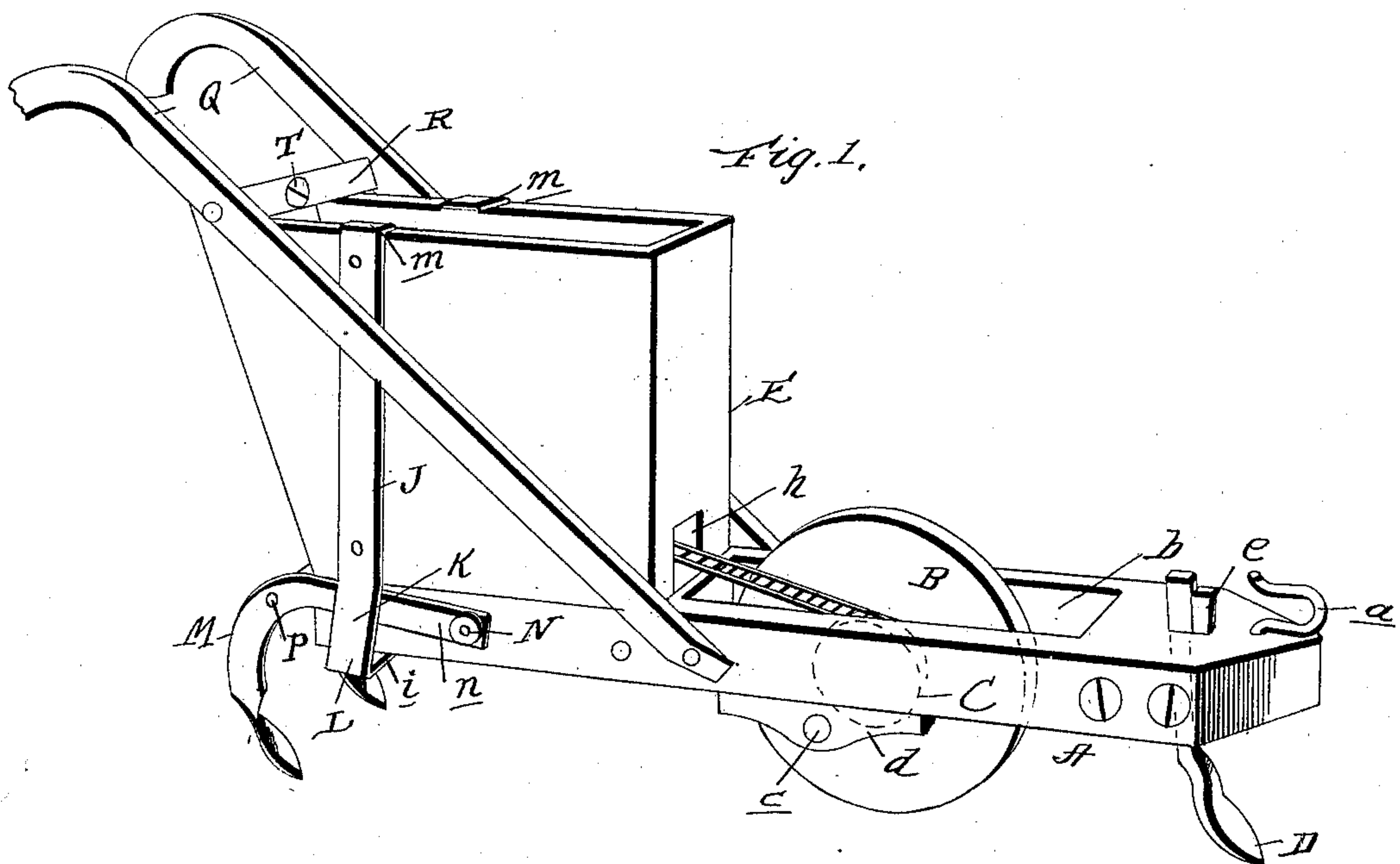


(No Model.)

J. M. TERRY.
COTTON PLANTER.

No. 466,839.

Patented Jan. 12, 1892.



Witnesses:
C. H. Raeder
W. F. Matthews.

Inventor
John M. Terry
by James Sheehy
Attorney

UNITED STATES PATENT OFFICE.

JOHN M. TERRY, OF FAIRVIEW, SOUTH CAROLINA.

COTTON-PLANTER.

SPECIFICATION forming part of Letters Patent No. 466,839, dated January 12, 1892.

Application filed October 26, 1891. Serial No. 409,871. (No model.)

To all whom it may concern:

Be it known that I, JOHN M. TERRY, a citizen of the United States, residing at Fairview, in the county of Greenville and State of South Carolina, have invented certain new and useful Improvements in Cotton-Planters; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention has relation to an improvement in cotton-planters, and the novelty will be fully understood from the following description and claims when taken in connection with the annexed drawings, in which—

Figure 1 is a partial perspective view of my improved planter. Fig. 2 is a plan view of the same, and Fig. 3 is a vertical cross-sectional view taken in the plane indicated by the dotted line *xx* of Fig. 2.

Referring by letter to said drawings, A indicates the main frame, which is mainly of the ordinary construction, having a clevis-hook *a* at its forward end for the attachment of a draft. This frame is provided in its forward portion with a vertical opening *b*, in which is journaled the vertically-disposed operating-wheel B. This wheel, which carries an axle *c*, is journaled in suitable bearing-blocks *d*, secured to the under opposite sides of the opening in the main frame, and fixed to the shaft of said wheel is a sprocket-wheel C, over which a sprocket-chain passes, as will be presently described.

D indicates a furrow-opener, which may be of the ordinary construction and secured in a depending manner and adjustably by means of a wedge *e* through an opening in the forward portion of the main frame.

E indicates the hopper. This hopper is mounted upon the upper side of the rear portion of the frame and above a longitudinally-disposed seed-slot *f*. Journaled transversely within the hopper is a shaft F, and fixed to this shaft so as to move in the seed-slot is a dropping-wheel *g'*, which is provided with teeth and may be of saw-tooth or serrated form. This shaft F has also fixed to it near one end a sprocket-wheel G, over which a sprocket-chain H, which leads from the wheel C, passes. The bottom of the hopper, at a

point beneath the sprocket-wheel G, is slotted, as shown at *g*, for the passage of the sprocket-chain into the hopper, and the front wall of the hopper has an opening *h* near its lower end for the outlet of said chain.

I indicates a shield or housing. This housing is composed of an angular piece of sheet metal or other suitable material having an opening *h* for the passage of the shaft F and is designed to inclose the sprocket-chain G and that portion of the chain which travels within the hopper.

J indicates a stirrup or loop of metal preferably composed of stout sheet-iron or hoop-iron. This stirrup is designed to serve the twofold function of securing the hopper to the main frame and supporting and staying the covering points or shovels in their vertical movements. This stirrup is secured midway of its length to the underside of the main frame, after which the horizontal portions are carried laterally in opposite directions, as shown at *i*, and thence upwardly oblique, as shown at K, so as to form the loops L, and the branches are thence carried vertically and secured to the opposite side walls of the hopper, as shown, and terminate in short inwardly-directed branches *m*, which overlap the upper edges of the side walls of said hopper.

M indicates the covering-shovels, there being one arranged at the rear end on the opposite sides of the main frame, so as to project rearwardly therefrom. These shovels may be composed of a single bar of suitable material, having their horizontal branches *n* passing through the loops L of their stirrup and their forward ends pivoted to the main frame, as shown at N. These covering points or shovels are connected in rear of the hopper by a cross-round P and will be found convenient for the operator to place his foot upon when it is desired to depress said points. The handles Q are secured at their lower ends to the opposite sides of the main frame, as shown, and are connected at a suitable point by a cross-bar R, which is in turn secured to the upwardly-projected end S of the rear wall of the hopper by a screw T or other suitable fastening device.

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

The cotton-planter described, comprising

the main frame having its rear end provided with a seed-slot and also a slot for the passage of the sprocket-chain, and its forward portion provided with a slot to receive the
5 operating-wheel, the operating-wheel journaled therein, the sprocket-wheel rotatable with said operating-wheel, the feed-wheel secured on a shaft in the hopper, a sprocket-wheel secured to said shaft, the housing in the
10 hopper for said wheel and sprocket-chain, the chain connecting the wheel in the hopper with the sprocket-wheel on the operating-shaft, the covering points or shovels pivoted to the rear sides of the main frame, and the

stirrups having the loops L for the reception 15 of the covering-shovels, said stirrups being secured to the main frame and also secured to the hopper with the ends overlapping the opposite side edges thereof, and the handles secured to the hopper of the main frame, substantially as specified. 20

In testimony whereof I affix my signature in presence of two witnesses.

JOHN M. TERRY.

Witnesses:

A. J. MOSELEY,

G. G. WELLS.