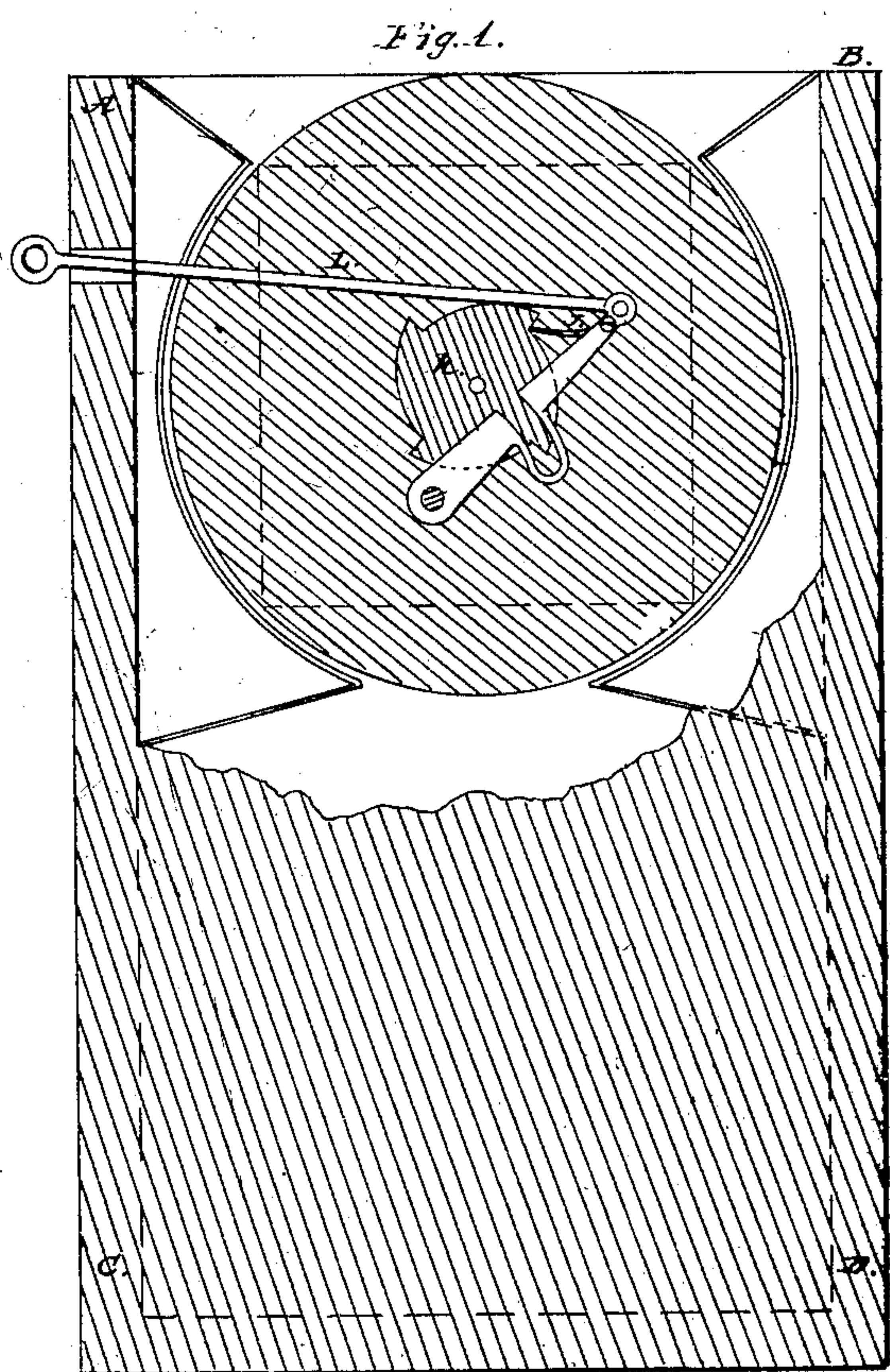
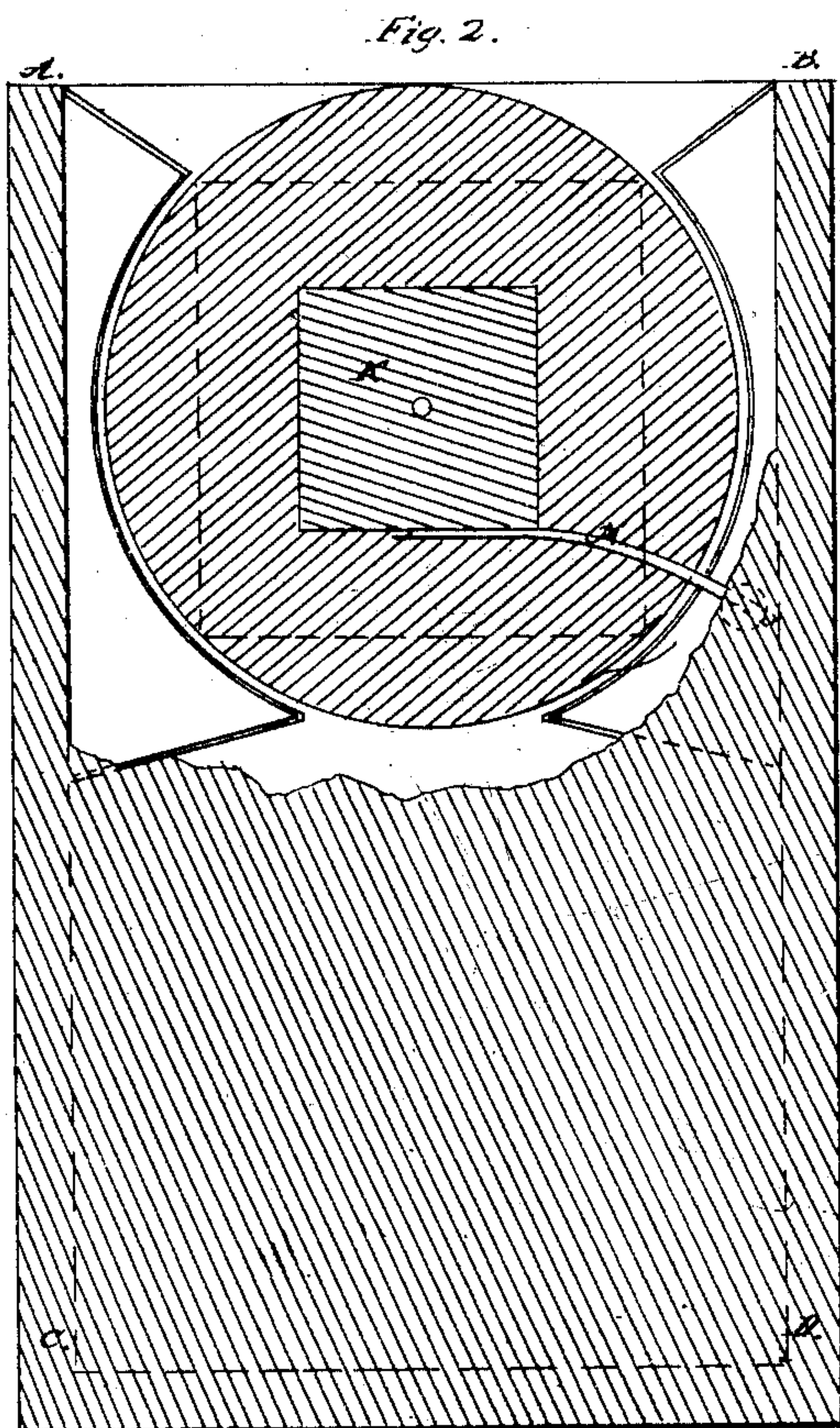
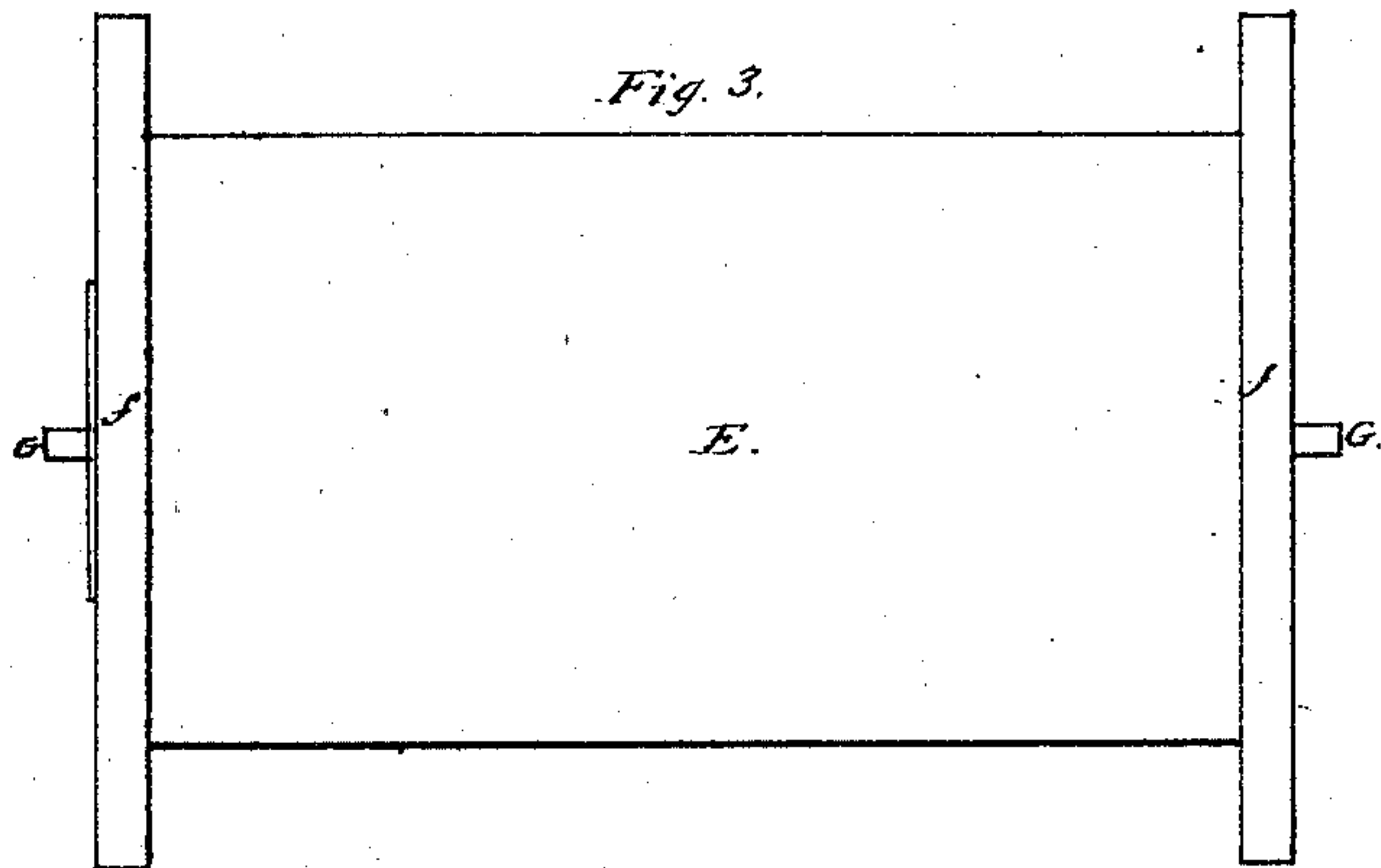


J. E. Woodruff

Fare-Box for Passenger Cars.

N^o 76290

Patented Mar. 31, 1868



Attest,

Edwin F. Brown
Augustus R. Ruhl

James E. Woodruff
Inventor

United States Patent Office.

JAMES E. WOODRUFF, OF BUFFALO, NEW YORK.

Letters Patent No. 76,290, dated March 31, 1868.

IMPROVEMENT IN FARE-BOXES FOR PASSENGER-CARS.

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, JAMES E. WOODRUFF, of Buffalo, Erie county, New York, have invented a new and useful Improvement in Fare-Receiver for Passenger-Cars; and I do hereby declare the following to be a full and exact description of the same, reference being had to the accompanying drawings, making part hereof, in which—

Figures 1 and 2 represent vertical sections, and

Figure 3 a view of the wheel detached.

A B C D is the section of an upright box, made of substantial material, having a securely-hinged door or opening, the bottom or lower part fastened by a lock. It may be of any convenient dimensions, say six inches square inside, and twelve to sixteen inches high. E, fig. 3, is a revolving cylinder, of tin, or brass, or any suitable material, having rims, *f f*, at each end, and made so as to be supported and to revolve on small journals *g g*. This cylinder is mounted in the upper part of the box, so that the upper part of the cylinder will about reach the upper edge of the box, as shown in figs. 1 and 2. On one end of the cylinder there is a ratchet, *h*, placed, against which a vibrating spring-pawl, *J*, works, attached to a rod, *L*, which extends out towards the driver's stand, and has a reacting spiral spring to retain it to its place. A square, *K*, is placed upon the other head of the cylinder, and a flat spring, *N*, is arranged, so as to strike against one or the other side of the square as the cylinder revolves and hold it in place. There may be flat spaces on the cylinder, or dished spaces to carry the money, while it revolves more steadily. At the end of the cylinder is a curb, *g*, to correspond with it, which cuts off all access to the box except by the cylinder.

The apparatus is placed in the front end of the car, with proper directions for its use placed there. The passenger deposits his fare on the top of the cylinder, and the driver pulls the rod, which revolves the cylinder, and thus carries it down into the box.

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

A box to receive passenger-fare, in combination with a revolving cylinder, or its equivalent, under control of the driver, to act as a cover to said box, so that the fares may be put in without any opening of the box.

JAMES E. WOODRUFF.

Witnesses:

EDM. F. BROWN,

AUGUSTUS I. POWELL.