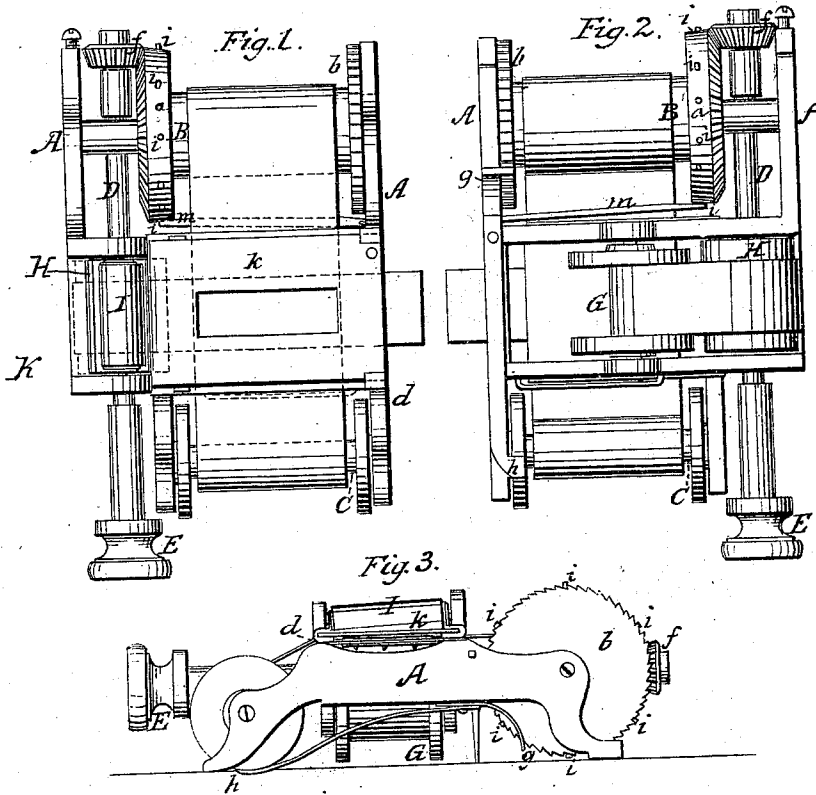


O. S. PEASE.
Fare Recorder.

No. 104,059.

Patented June 7, 1870.



Witnesses
Jno A. Ellis.
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per
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Atty.

UNITED STATES PATENT OFFICE.

OSCAR S. PEASE, OF XENIA, OHIO.

IMPROVEMENT IN FARE-RECORDER FOR CARS, &c.

Specification forming part of Letters Patent No. **104,059**, dated June 7, 1870.

To all whom it may concern:

Be it known that I, OSCAR S. PEASE, of Xenia, in the county of Greene and State of Ohio, have invented certain new and useful Improvements in Secret Cash-Registers; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

The nature of my invention consists in the construction and arrangement of a device intended as a check on railroad conductors or others, as will be hereinafter set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a plan view of my machine. Fig. 2 is a bottom view, and Fig. 3 is a side view.

A represents a metallic frame of suitable dimensions, having at one end a spool, B, which is provided at one end with a wheel, *a*, having miter-cogs on its outside, and at the other end of said spool is another wheel, *b*, provided with ratchet-teeth. At the other end of the frame A is another spool, C, upon which is rolled a strip of tape or paper of any desired length. This tape or paper is carried forward to the spool B, passing over a plate, *d*, and under an ink-ribbon, *e*, secured to said plate, the plate itself being secured to the frame in any suitable manner.

The spool B is turned by means of a miter-pinion, *f*, upon the shaft D, said pinion gearing with the miter cog-wheel *a*, and the shaft having at its outer end a knob or button, E, for convenience in turning.

Upon the under side of the frame A, at a suitable point, is secured a spring-bar, one end of which forms a spring-pawl, *g*, which catches in the ratchet-wheel *b*, and the other end forms a brake, *h*, to operate upon the end of the spool C. By this means, when the shaft D is turned so as to unwind the tape or paper from the spool C and wind it upon the spool B, said tape or paper is held continually taut under the ink-ribbon *e*.

Under the plate D in the frame A is another spool, G, which has also a long strip of tape

or paper wound upon it. This tape or paper is carried between a rubber roller, H, on the shaft D and a metal roller, I, in the frame A over the ink-ribbon *e*—that is, its line of motion will be across the frame, while the first tape or paper moves lengthwise of the frame.

The second tape or paper is held down upon the ink-ribbon *e* by means of a sliding plate, *k*, secured by one or more screws or other suitable means, and provided with a slot or opening, through which the tape or paper is seen.

Upon the circumference of the miter-wheel *a*, at suitable intervals, are placed pins *i i*, each one of which, as said wheel is revolved by the shaft D, as above described, in turn strikes a spring hammer or alarm, *m*, causing it to strike against the bottom of the casing K, within which the entire device is inclosed. This casing is provided with an aperture directly over the opening or slot in the plate *k*, and completely incloses the machine except the knob E, which protrudes beyond the same.

The uses and advantages of this machine are manifold. For instance, a railroad conductor, receiving change from a passenger, will note the amount on the top tape or paper. Then, by turning the knob *e*, this tape or paper will pass out through a slot in the side of the casing, be torn off, and handed to the passenger. Without his knowledge the amount so noted by him and torn off has been impressed upon the bottom tape or paper by means of the ink-ribbon *e*, and carried out of the way by the turning of the knob E, and hence when the conductor delivers over the amount received the person appointed to receive the same can readily, by examining the machine, see whether the amount is correct or not.

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

1. The combination of the top and bottom tape or paper with the ink-cloth between, all arranged to operate substantially as and for the purposes set forth.

2. The spool B, provided on one side with miter-wheel *a*, and upon the other with ratchet-wheel *b*, in combination with spring-pawl *g*, shaft D, and miter-pinion *f*, all operating substantially as described.

3. The combination of spools B, C, and G,

rollers H and I, shaft D, the two tapes or paper strips, and ink-cloth *e*, all operating substantially as set forth.

4. The spool B, having miter-wheel *a*, provided with pins *i i*, in combination with the spring-alarm *m*, substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

O. S. PEASE.

Witnesses:

T. H. ALEXANDER,
JOHN A. ELLIS.