(No Model.)

H. PADDOCK.

TICKET AND RIBBON HOLDER FOR RECORDING SCALES.

No. 597,654. Patented Jan. 18, 1898.

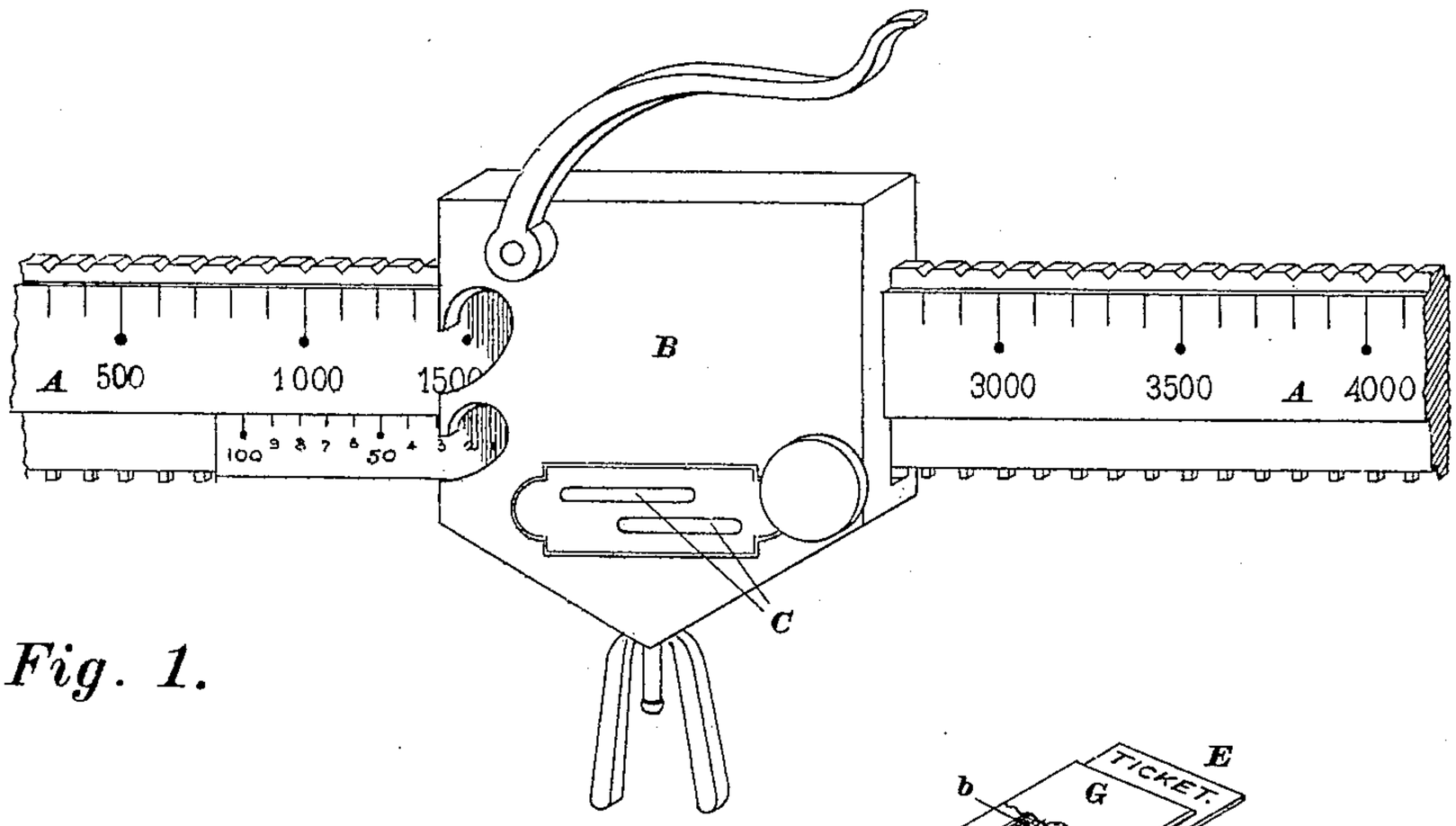

Fig. 1.

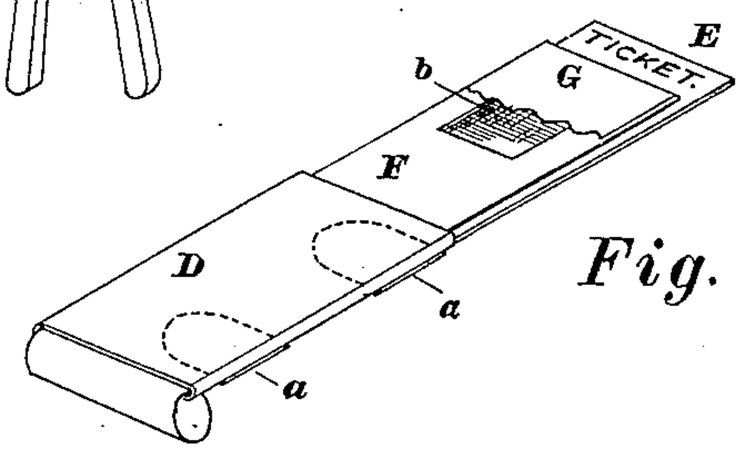

Fig. 2.

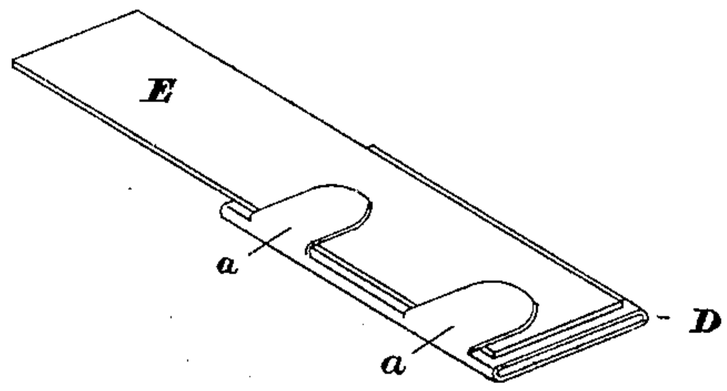

Fig. 3,

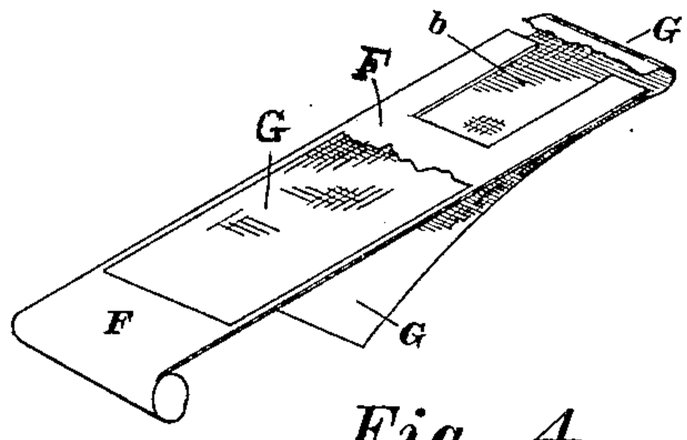

Fig. 4.

WITNESSES:

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UNITED STATES PATENT OFFICE.

HARVLIN PADDOCK, OF ST. JOHNSBURY, VERMONT, ASSIGNOR TO THE E. & T. FAIRBANKS & COMPANY, OF SAME PLACE.

TICKET AND RIBBON HOLDER FOR RECORDING-SCALES.

SPECIFICATION forming part of Letters Patent No. 597,654, dated January 18, 1898.

Application filed September 8, 1897. Serial No. 650,918. (No model.)

To all whom it may concern:

Be it known that I, HARVLIN PADDOCK, a citizen of the United States, residing at St. Johnsbury, in the county of Caledonia, State of Vermont, have invented certain new and useful Improvements in Ticket and Ribbon Holders for Recording-Scales, of which the following is a description, reference being had to the accompanying drawings and to the letters of reference marked thereon.

My invention is an improvement relating to the class of weighing-scales, the object being to provide a ticket and printing-ribbon holding clip or device which as a whole may be inserted in the ticket-slot of a recording weighing-beam, the weight printed on the ticket, and the ribbon and ticket, with the retaining holder or clip, removed.

In recording weighing-beams, or "printing-beams," as they are ordinarily called, the printing-ribbon is supported either on the printing-beam itself, running from one roller to another, (and which arrangement is objectionable, because thereby the center of gravity of the beam is changed and the scale rendered inaccurate,) or the ribbon may be supported on a separate carriage moving with the poise; but this of course complicates the mechanism, and in both constructions referred to the ribbon soon gets dirty and becomes too thick for use. Furthermore, considerable waste is caused when the ribbon becomes thick and dirty, because it must of necessity be of considerable length. By the present arrangement a short ribbon may be used, its position in the device may be changed at will, and thus every part utilized, so that there is no waste, and, furthermore, it may be easily renewed.

The present invention therefore consists, primarily, of a holder provided with means for holding a ticket and for holding a printing-ribbon, the two being so arranged that when placed in the ticket-slot of the scale adjacent the printing-numerals on the beam and pressure applied the weight may be imprinted on the ticket; secondly, the invention consists of a hollow plate having clips for holding a ticket, a ribbon, and a sliding plate passing through the hollow plate for clamping the ribbon and holding it taut, and, finally, the invention consists in the matters hereinafter described, and referred to in the appended claims.

The invention is illustrated in the accompanying drawings, in which—

Figure 1 represents so much of a printing-beam weighing-scale as is necessary to understand the application of my device thereto. Fig. 2 is a perspective view of my invention partly in section and showing the ribbon broken away; and Figs. 3 and 4 are detached views of the hollow plate and the sliding, clamping, and adjusting plate.

In the drawings, A represents the beam of a recording weighing-scale having printing-numerals on its under surface.

B represents the main poise, which carries one or more auxiliary poise-slides, also provided with type-surfaces, and C represents the usual slot in which the ticket is placed to be printed.

As heretofore stated, the present invention relates to a ticket and printing-ribbon holding device which is inserted in this slot and the impression then taken on the ticket.

As shown in Figs. 2, 3, and 4, D represents a flat hollow rectangular plate of sheet metal of any suitable kind, having on its under side clips *a* or other means for supporting and holding a ticket E, upon which is to be imprinted the weight of the load being weighed. F represents a flat plate of length greater than the plate D, having a thumb or finger piece at one end and slotted, as shown at *b*, at its other end and adapted to be inserted through the hollow plate D, the ribbon G being folded around the end of said plate F and then with said plate inserted in and carried through the plate D, said ribbon being held taut by the slide F and clamped thereby against the walls of the hollow plate D. When inserted in position, the slot *b* registers with the printing-numerals on the scale-beam, so that when the ticket-holding device is pressed up against the beam the type will impress through the slot *b* upon the ticket the weight of the load. By changing the point of fold of the ribbon, the end of the plate F always fitting therein to hold it taut, it will be noticed that all parts of the ribbon may be utilized.

I do not wish to be limited to the precise details hereinbefore referred to, but in its broadest sense wish the invention to include any combined ticket and ribbon holding device which may be inserted and removed from the position adjacent the printing-numerals on a recording weigh-beam.

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

1. In combination with a recording-scale provided with a beam having printing-numerals and a ticket-slot in the poise adjacent the printing-numerals, a removable holder for the ticket and ribbon adapted to be inserted in the slot; substantially as described.

2. A device for holding a printing-ribbon and a ticket to be printed comprising a plate having means for the attachment thereto of a ticket, and provided also with means for holding a ribbon in position when impressed to bear against the ticket; substantially as described.

3. As a new article of manufacture, a hollow plate having means for the attachment of a ticket and a sliding plate passing through the hollow plate for clamping and holding the ribbon; substantially as described.

4. A ticket and ribbon holding device comprising a hollow plate having clips in which the ticket is supported, a sliding plate movable within said hollow plate and a ribbon folded over said sliding plate and clamped by the said sliding plate against the walls of the hollow plate; substantially as described.

5. In the herein-described device, the hollow plate D, the ribbon G, the sliding plate F over the end of which the ribbon is folded, said plate F being provided with a suitable finger-piece and having, at its forward end, a slot through which the impression from the printing-numerals may be taken; substantially as described.

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

HARVLIN PADDOCK.

Witnesses:
PAUL S. CARTER,
C. H. HORTON.