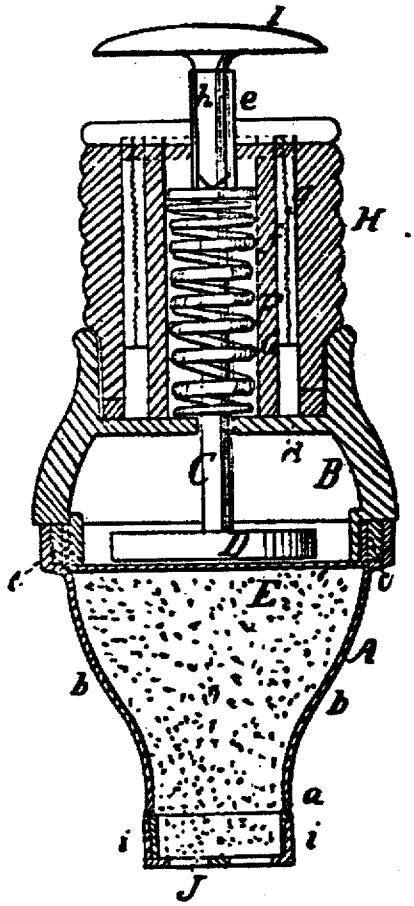
R. H. Rogers.

Stamp Canceler.

No. 40857. Patented Dec. 8. 1863.



Witnesses

A. W. Coombs

Geo. W. Reed

Inventor

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RICHARD H. ROGERS, OF NEW YORK, N. Y.

STAMP-CANCELER.

Specification forming part of Letters Patent No. **40,857**, dated December 8, 1863.

1863

To all whom it may concern:

Be it known that I, RICHARD H. ROGERS, of the city, county, and State of New York, have invented a new and Improved Stamp-Canceling Device; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, making a part of this specification, said drawing being a vertical central section of my invention.

This invention relates to a fountain canceling device, one which will contain a quantity of ink, so as to supply the device for an indefinite number of impressions and obviate the necessity of applying the device to an ink-pad when an impression is to be given.

The invention consists in the employment or use of a perforated stamp-plate attached to a hollow handle or ink-reservoir, in the upper part of which a plunger works, said plunger being directly over a diaphragm and attached to an arbor or spindle on which a spiral spring is placed, said spring being placed in a suitable case which is encompassed by a gage to regulate the distance of the movement of the spindle and plunger, all being arranged as hereinafter shown to effect the desired end.

To enable those skilled in the art to fully understand and construct my invention, I will proceed to describe it.

A represents an ink-reservoir, which may be constructed of sheet metal, of cylindrical form at its lower end, as shown at *a*, and gradually expanding in diameter with a curve or swell, *b*, from *a* upward to its upper end. The upper part of this ink-reservoir A is provided with an internal screw-thread, and it is screwed on a metallic screw-ring, *c*, which is fitted on the lower end of a wooden chamber, B, which has a horizontal partition, *d*, with a hole at its center to allow a spindle or arbor, C, to pass through and work loosely. The lower end of the spindle or arbor C has a plunger, D, attached to it, and below this plunger there is a diaphragm, E, constructed of india-rubber or other suitable elastic material. This diaphragm is secured to the lower end of the wooden chamber B by means of the screw-ring *c*, which is fitted over the edge of the diaphragm on the lower end of B and firmly secures the former in position.

F represents a cylindrical case, which may be of wood, and is connected with the partition *d* concentrically with the spindle or arbor C, the latter passing through the case F, and having a spiral spring, G, upon it, the lower of which bears upon the partition *d*, and the upper end bears against a flange at the lower end of a tube, *e*, on the upper end of the spindle or arbor C. The case F is encompassed by a metal band, *f*, which has a screw cut on its exterior to receive an internal screw cut in a tube, *g*, on which a wooden case, H, is placed, the lower part of the latter fitting in the upper part of the wooden chamber B, above the partition-plate *d*.

I is a handle or flat pressure-plate, which is provided with a stem, *h*, the latter being fitted in the tube *e* on the spindle or arbor C.

J represents the stamp-plate, which is provided with a rim, *i*, to screw on the lower part, *a*, of the ink-reservoir A. This stamp-plate is perforated in any desired form.

The device is used as follows: The ink-reservoir A is supplied with a requisite quantity of printer's ink, and when the stamp-plate is applied to the stamp to be canceled the operator presses down the plate I, and thereby forces down the plunger D and diaphragm E, which causes the ink to be forced into the apertures in the stamp-plate J and upon the stamp, leaving the impression on the latter. When the pressure is removed from the plate I, the plunger D rises under the action of the spring G, and the diaphragm also rises under its own elasticity, and the device is ready for a succeeding application. The case H serves as a gage to regulate the movement of the spindle or arbor C and plunger D, and thereby vary the pressure of the latter on the ink in the reservoir A, and also enable the plunger to descend farther as the ink in A is used or expended. By screwing up the case H the movement of the plunger is shortened and lengthened by screwing it down.

I would remark that the stamp-plate J may be perforated so as to make any desired configuration on the stamp.

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

The ink-reservoir A, with perforated stamp-plate J attached to its lower end, in connection with the plunger D and diaphragm E, either or both, and with or without the gage H.

RICHD. H. ROGERS.

Witnesses:

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