

W. F. Corne,
Hand Stamp.

No 106605.

Patented Aug 23 1870.

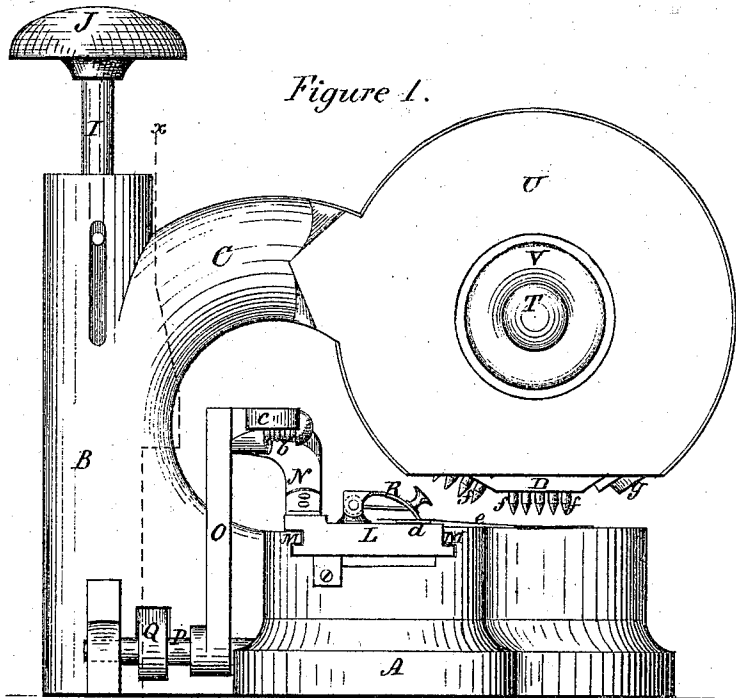


Figure 1.

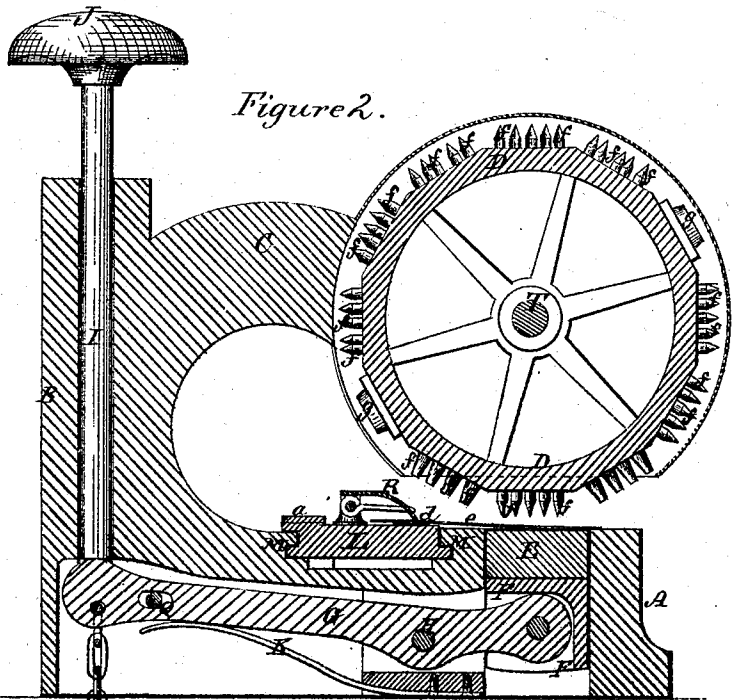


Figure 2.

Witnesses
 J. W. Johnson
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United States Patent Office.

WILLIAM F. CORNE, OF NEW YORK, N. Y.

Letters Patent No. 106,665, dated August 23, 1870.

IMPROVEMENT IN HAND-STAMPS.

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, WILLIAM F. CORNE, of the city, county, and State of New York, have invented a new and useful Improvement in Canceling Checks, Drafts, and other Papers of Value, to prevent the fraudulent alteration thereof; 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 which makes part of this specification, and in which—

Figure 1 represents a side elevation of a canceling device embracing my invention.

Figure 2 represents a vertical section of the same.

Figure 3 represents a vertical section, taken at the line $x x$ of fig. 1, looking toward the front.

Figure 4 represents a horizontal section, taken through the axis of the canceling-wheel.

Figures 5 and 6, views illustrating the mode of cancellation.

My invention relates to canceling checks, drafts, and other papers of value, to prevent the fraudulent alteration thereof by perforating or cutting the check or draft with figures or other characters corresponding with and indicating the amount for which the paper is drawn, and thereby render its alteration impossible without instant detection.

The device represented in the accompanying drawing for carrying out this method of effecting the cancellation of papers of value consists of a metallic bed-plate, A, of any suitable dimensions and form, from the rear end of which a standard, B, projects, from which a gooseneck or arm, C, extends forward, and carries the canceling-wheel D in a position vertically above a movable yielding support or cushion, E, for the check to be canceled.

This support E is located in an opening at the front of the bed-plate A, and is made to have a vertical movement therein, so as to bring its surface in contact with the figures and characters of the canceling-wheel, and thus perforate or mark the paper which intervenes.

It is a rubber or other suitable cushion, secured upon a follower, F, pivoted to the front end of a lever, G, having its fulcrum H in the bed-plate, and extending to the rear thereof, where it is connected to a vertical stem, I, passing through the standard, and provided with a pressure-knob, J, by which the lever and its pad is operated.

A spring, K, is arranged beneath the lever G, so as to constantly bear its rear end upward, and maintain the cushion on a level with the top of the bed-plate A, as shown in fig. 2 of the drawing.

A feeding and holding-slide, L, is arranged in suitable ways M, upon the top of the bed-plate, so as to move transversely therein, in rear of the rubber cush-

ion, and, in order to steady it, rubber friction-brakes are secured to the bed-plate upon which the slide moves.

It is provided with ratchet-teeth a , into which a pawl, N, takes, which is carried by an arm, O, secured to a rock-shaft, P, connected, by means of an arm, Q, to the rear end of the lever G, so that each descending movement of the pressure-knob vibrates the said arms O Q, and causes the pawl to move over the teeth of the slide the required distance at each and every production of a figure or character upon or in the paper, the action of the spring K effecting this feed nearly simultaneously with the descent of the supporting-cushion E.

The weight of the pawl N should be sufficient to keep it in contact with the ratchet-teeth a , but a spring, b , may be used for that purpose, and it is also provided with a handle, c , by which it may be elevated to move the slide in the opposite direction when required.

The front part of this feeding-slide L is provided with a spring clip, R, between the front edge of which and a rubber strip, d , the check e , draft, &c., are held, so as to feed them beneath the canceling-wheel on a level with the top of the base-plate.

The canceling-wheel has twelve sides, ten of which are occupied with cutters, cutting-points, or indentors f , representing figures from 0 to 9, and two blank markers, g , of any suitable form that will permanently cut or indent the paper. These blank markers are arranged, for convenience, opposite each other diametrically upon the wheel, because they can be more readily brought into position after the required figures are produced.

The figures or numbers, whatever their construction, project from each side of the wheel a suitable distance, and are brought vertically over the cushion by turning it upon its axis.

The wheel may be of any suitable construction, and is mounted upon a horizontal shaft, T, having its bearings in check-plates U, which form a continuation of the arm C and an inclosing-case for the wheel, which case is open on its under side, for the projection of the canceling-cutters.

One end of the shaft of the canceling-wheel extends beyond the inclosing-case, to receive a knob, V, provided with a disk, W, having on its inner face a series of radial notches, h , corresponding in numbers to those of the figures and markers on the canceling-wheel.

The notches of the disk are fitted into correspondingly-shaped teeth or projections i , on a disk, X, and the knob is held so as to interlock the teeth with the notches, by means of a coiled spring, t , on the shaft T, bearing against the outer hollow side of said knob,

in such manner as to allow the wheel and its knob to be turned so as to bring the desired figure directly above the cushion to lock itself in such position.

In order to bring the required figure of the canceling-wheel above the cushion, an index-wheel, Y, is arranged upon the opposite end of the shaft T, having on its circumference figures and blanks corresponding to those of the canceling-wheel.

To render the presentation of the proper figure of the canceling-wheel to the check, an opening, r, is made in the inclosing-case j of the index-wheel, having such relative position with the figures of the wheel and the notched locking-disk as that each turn of the knob will present a figure opposite said opening, and a corresponding figure of the canceling-wheel above the cushion, thus rendering it impossible to make any mistake in the operation of canceling the check.

It will thus be seen that, whatever may be the amount for which the check is drawn, that amount is unalterably indicated upon the face of the canceling-wheel, by simply turning the knob and the index-wheel so as to present those figures to view in succession.

The check is held, during this operation, by the spring clip, and fed beneath the canceling-wheel, parallel to its axis, by a simple pressure with the right hand upon the knob J, while with the left the knob V is turned, to present the proper figure or blank. The

latter, however, is first produced, and may be the ordinary dollar-mark, and when the full sum is produced in the check or other paper of value, another blank of any design is produced at the end of the amount, thereby affording a perfect check or guard against the addition of other figures.

The feeding-slide and clip are provided with suitable knobs to adjust them.

It is obvious that the canceling-wheel may be made to approach the cushion, and that the latter may be immovable, and that the lever may be operated by a foot-chain and treadle, instead of the pressure-knob.

Also, that the feeding-slide may be placed in front instead of in the rear of the canceling-wheel, and that the latter may be provided with the figures 70, to indicate the year.

Having described my invention,

I claim—

The combination of a canceling-wheel, D, having figures upon its circumference from 0 to 9, with a supporting-cushion, E, and feeding-slide, L, constructed, arranged, and operating as herein described.

WM. F. CORNE.

Witnesses:

T. H. UPPERMAN,

A. E. H. JOHNSON.