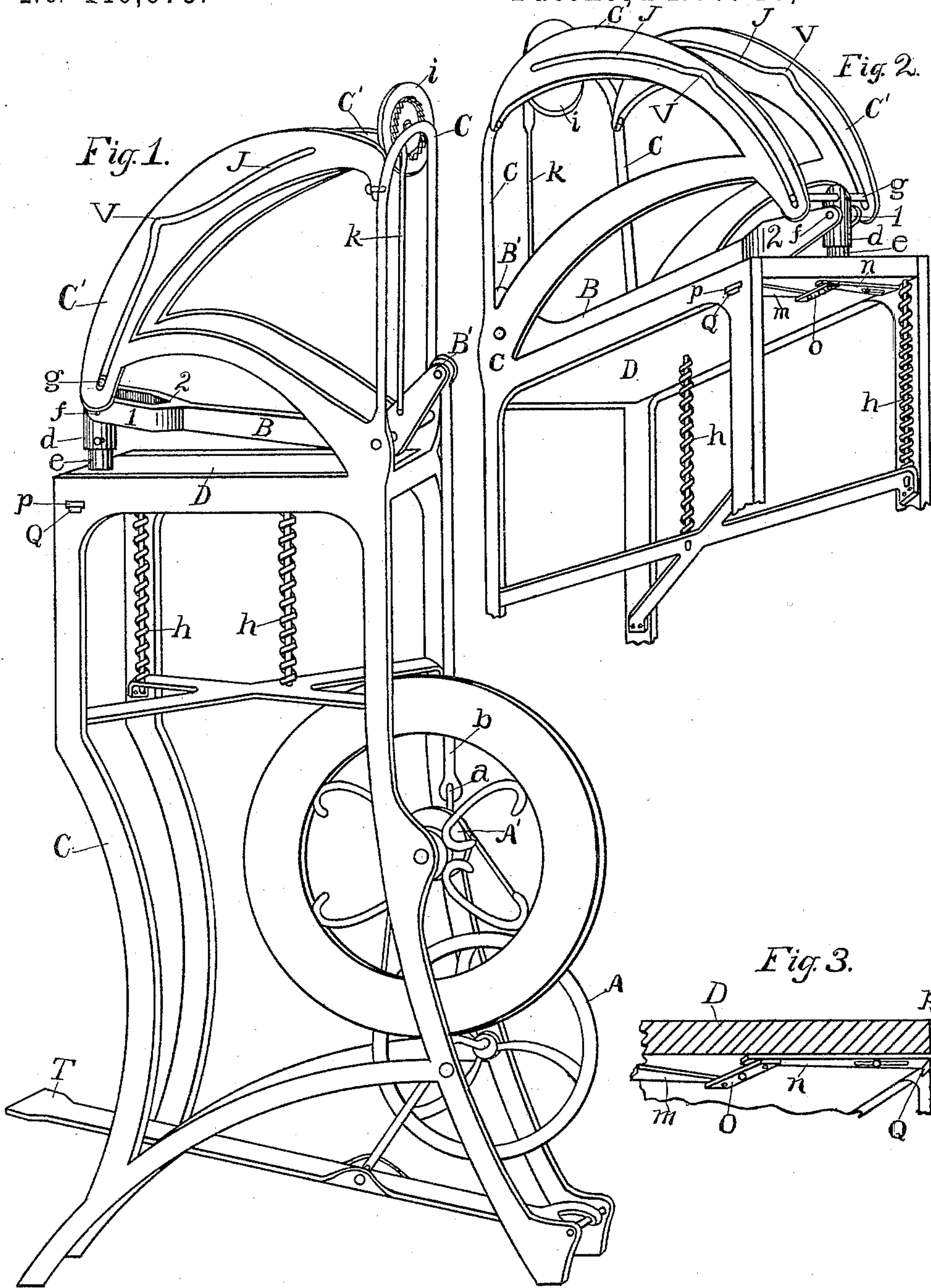


(No Model.)

S. B. WHITESIDE.
STAMP CANCELING AND DATING MACHINE.

No. 440,675.

Patented Nov. 18, 1890.



Witnesses
M. C. Gale.
James R. Finlayson

Sidney B. Whiteside
Hazard & Torrance,
his attys

UNITED STATES PATENT OFFICE.

SIDNEY B. WHITESIDE, OF LOS ANGELES, CALIFORNIA.

STAMP-CANCELING AND DATING MACHINE.

SPECIFICATION forming part of Letters Patent No. 440,675, dated November 18, 1890.

Application filed February 15, 1889. Serial No. 299,987. (No model.)

To all whom it may concern:

Be it known that I, SIDNEY B. WHITESIDE, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented a new and useful Improvement in Stamp-Canceling and Dating Machines, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

Figure 1 of the drawings represents a side elevation, slightly in perspective, of my improved machine. Fig. 2 is a perspective view showing the opposite side of the machine with part of the frame and gearing omitted. Fig. 3 is a fragmentary cross-section illustrating the means for securing the self-adjusting table when it is desired to hold the same stationary.

The object of my invention is to provide a stamp-canceling and dating machine which can be operated by foot-power or other suitable power, relieving the operator of much labor and leaving both his hands free to manipulate the letters operated upon.

My invention comprises the combination of a pivoted vibrating arm, means for vibrating the arm, a reversible stamp provided with laterally-projecting reversing-lugs and pivotally secured to the free end of such arm by an axle located between the reversing-lugs and the face of the stamp, a stamping-table, and a frame provided with an inking-pad and with a cam-guide groove arranged between such table and pad, approximately in the arc described by the stamp when the arm is vibrated.

It also comprises the combination, with such mechanism, of a self-adjusting table, whereby the letters of a pack can be conveniently operated upon successively.

The drawings illustrate a machine embodying my invention.

The driving-band wheels A A' and crank *a*, connected to the latter for operating pitman *b* and bent pivoted vibrating arm B, are mounted upon frame C, as shown in Fig. 1. The bent vibrating arm B is pivoted to the rear of the frame of the table, and its short arm B' projects rearwardly for connection with pitman *b*.

The bifurcated end of the arm B carries the pivoted socket *d*, in which the removable stamp *e* is secured by a set-screw. The socket *d* is secured on the short axle-pin *f*, journaled in the branches 1 2 of the bifurcated end of arm B, the opening between said branches being of sufficient capacity to permit the socket *d* and the stamp connected therewith to pass between them when being reciprocated and reversed in position, as hereinafter specified. The end of socket *d* is rigidly fixed to the guiding pivot-rod *g*, which extends at each end through cam-slots J, formed in the curved portions of frame C' C', which cause a reversal of the stamp as it passes the short curve *v* in said slots.

The self-adjusting table D, upon which letters or other articles to be stamped or canceled are placed, is fitted in the frame of the machine and supported by spiral springs *h*, which serve to cushion the action or percussive effect of the stamp as it strikes the article placed under it to receive its impression.

The ink-pad *i* is centrally pivoted to the frame in proper position to be struck by the stamp below its center as it is caused to revolve slowly by the action of the pawl *k*, pivoted at its lower end near the elbow of arm B, said pawl working in the ratchet-wheel connected to the back of the centrally-pivoted ink-pad.

The arms *m n*, connected by pins to the whifflebar *o*, pivoted underneath to table D, work in holes formed in the table-frame at *p* to hold the outer end of the table when the thinner papers or letters are to be stamped or canceled, and the ends of said arms *m n*, when adjusted in said holes, will rest on rubber blocks Q to cushion the table, and thus prevent noise when the stamp strikes it or a letter resting upon it. When the arms *m n* are withdrawn, by turning the whifflebar *o* on its pivot the table will rest upon the spiral springs *h h*, which will permit the table to descend to a greater distance when packages or papers of greater thickness than ordinary letters are being stamped.

To operate my machine, the attendant will actuate the band-wheels A A' by the treadle T, which will in turn move the pitman *b*, connected with short arm B' of arm B, causing

said arm to carry the stamp and its socket
back and forth from the table D to the ink-
pad *i*, and as the ends of the axle-pin which
traverse the cam-slots of the frame-pieces C'
5 C' arrive at and pass the short curve *v* in the
movements in either direction, the short curve
v being out of the true arc of the circle, the
socket and stamp attached thereto will be re-
versed in position thereby, so as to bring the
10 face of the stamp against the table and against
the ink-pad alternately. As the attendant
operates the machine by the treadle, he will
be free to manipulate the letters or other mat-
ter being stamped or canceled upon the table,
15 placing them in position to receive the stamp
and adjust them in the box for removal.

Having fully described my invention, what
I claim, and desire to secure by Letters Pat-
ent, is—

1. In a stamp-canceling machine, the com- 20
bination of the table, the frame provided with
the cam-shaped guiding-slots and the inking-
pad, the bent vibrating arm pivoted to the
frame, means for vibrating the arm, and the
reversible canceler pivoted to such vibrating 25
arm and provided with the guiding pivot-rod.

2. In a stamp-canceling machine, the com-
bination of the self-adjusting table, the piv-
oted vibrating elbow-arm, the reversible can-
celer pivoted thereto and provided with the 30
guiding pivot-rod, the frame provided with
the cam-shaped guiding-slots, and the ink-
ing-pad.

SIDNEY B. WHITESIDE.

Witnesses:

M. C. GALER,
H. P. K. PECK.