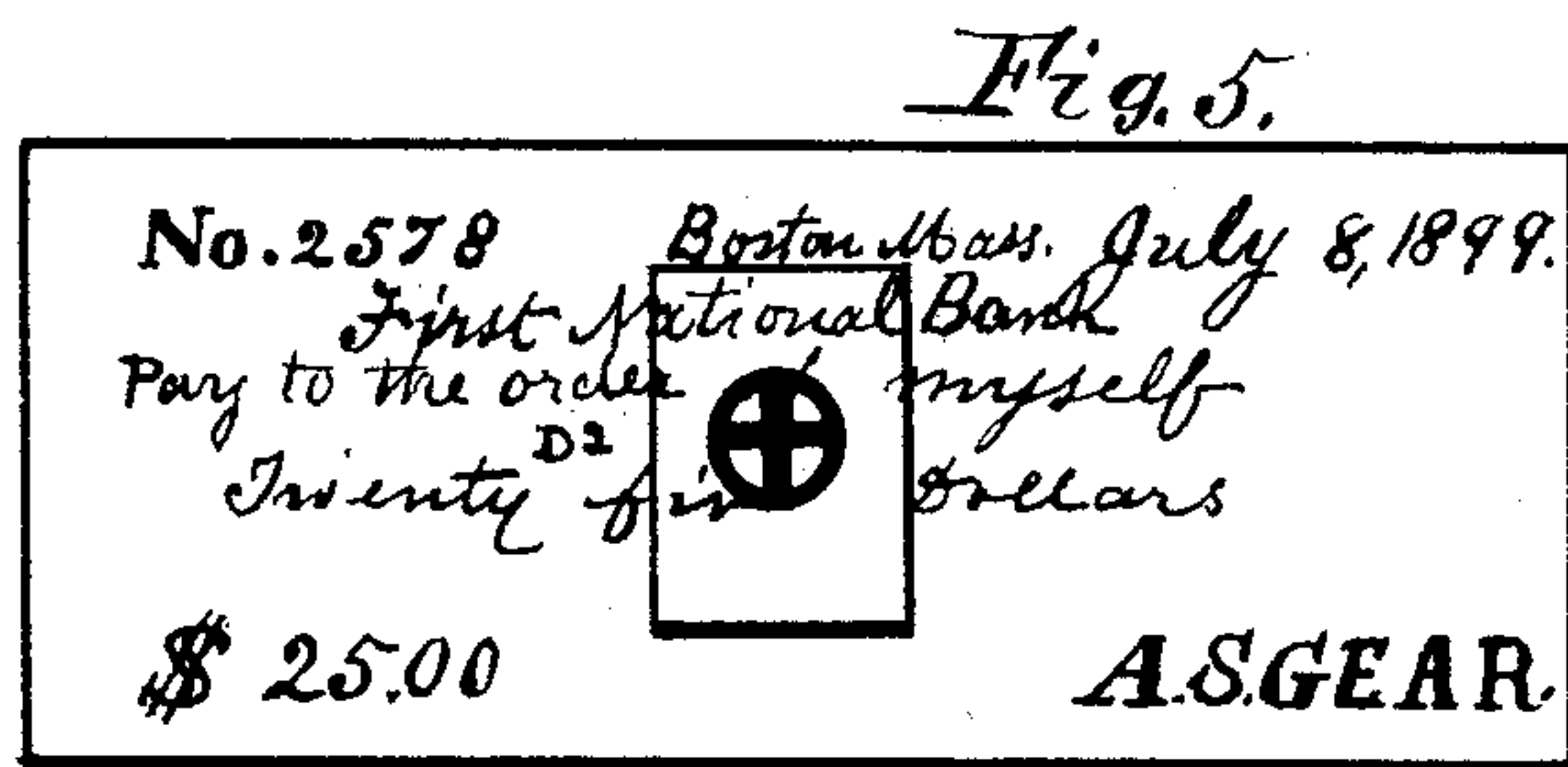
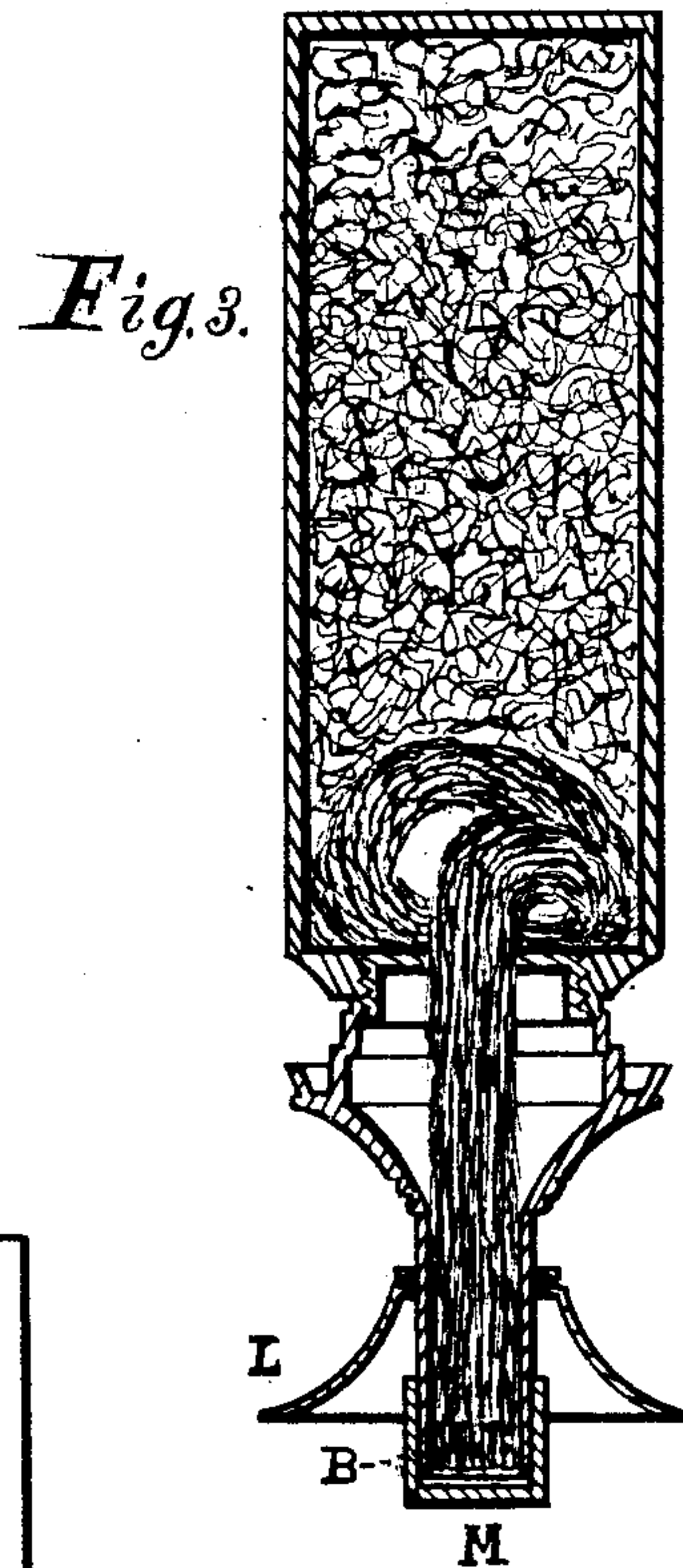
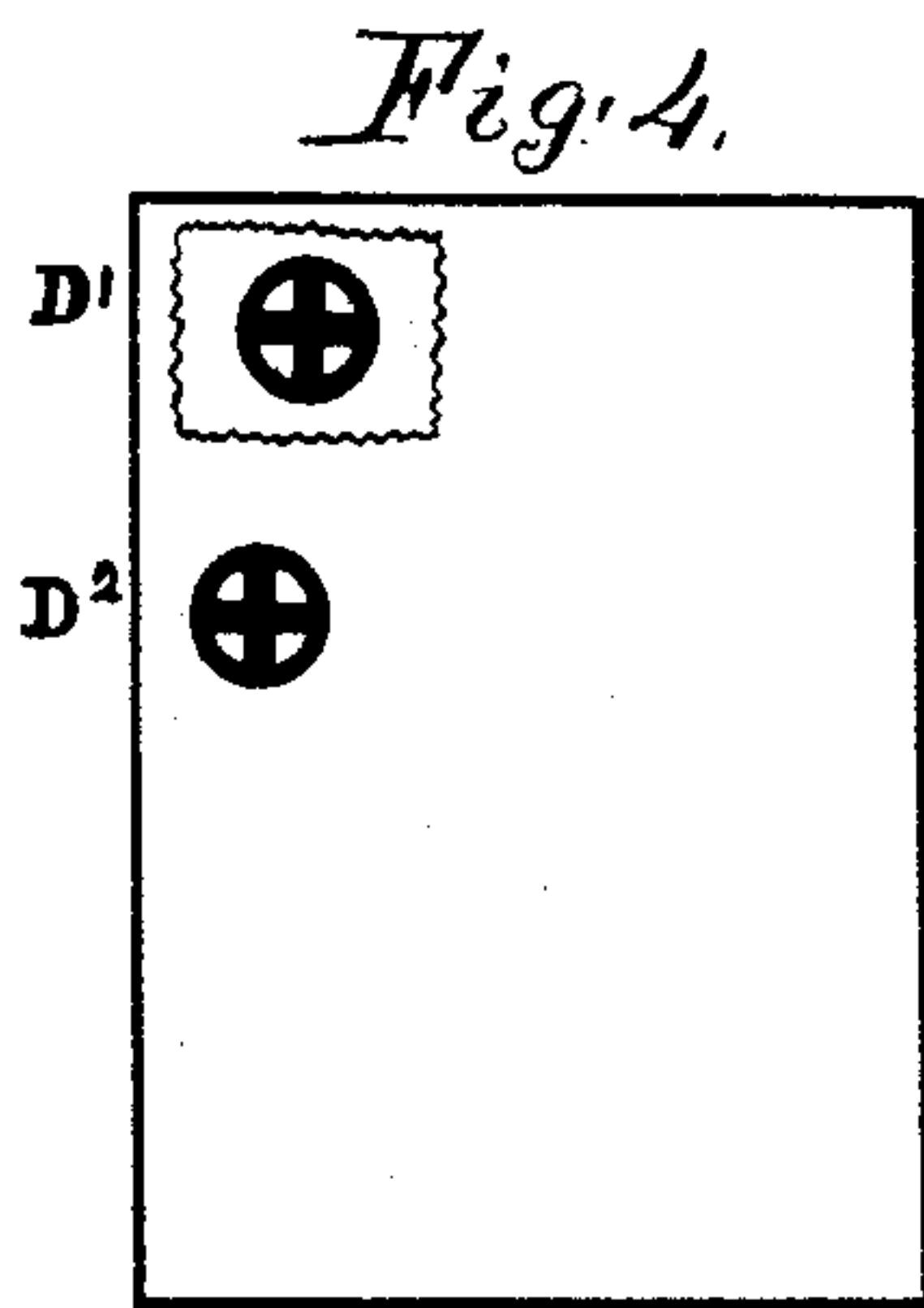
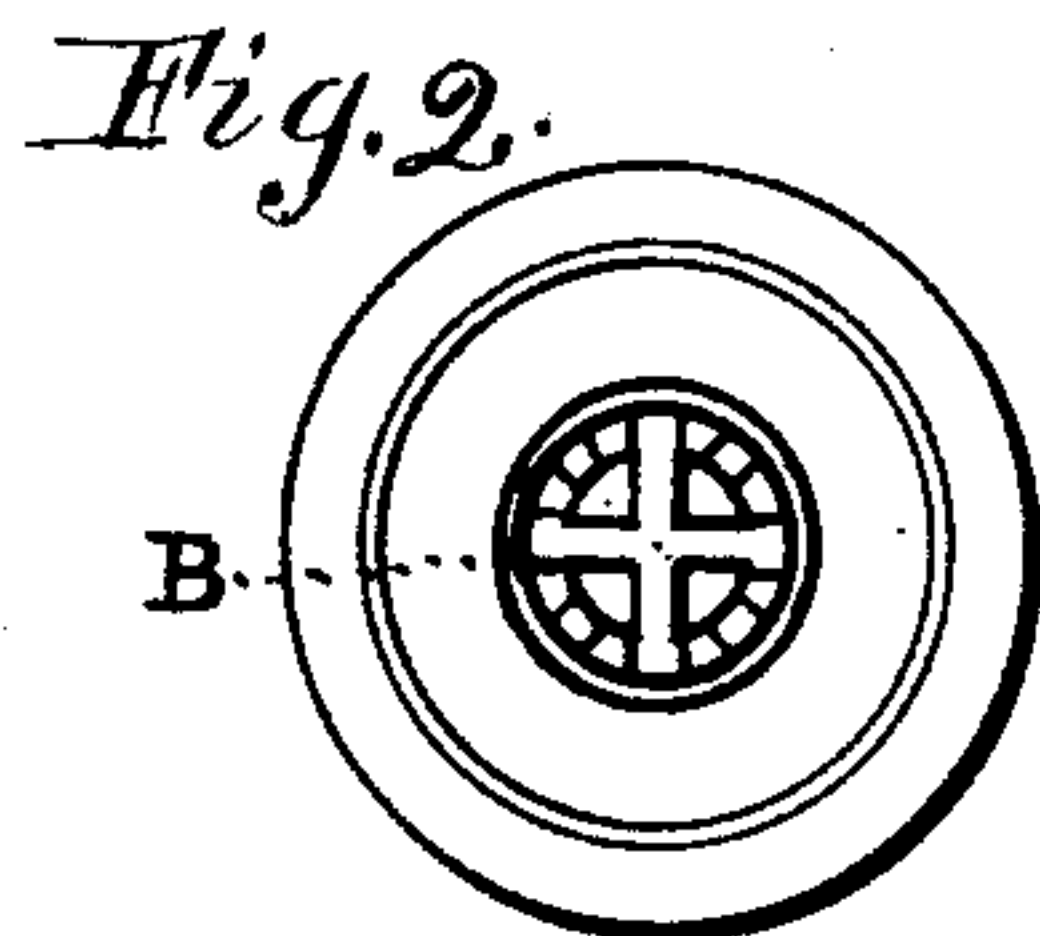
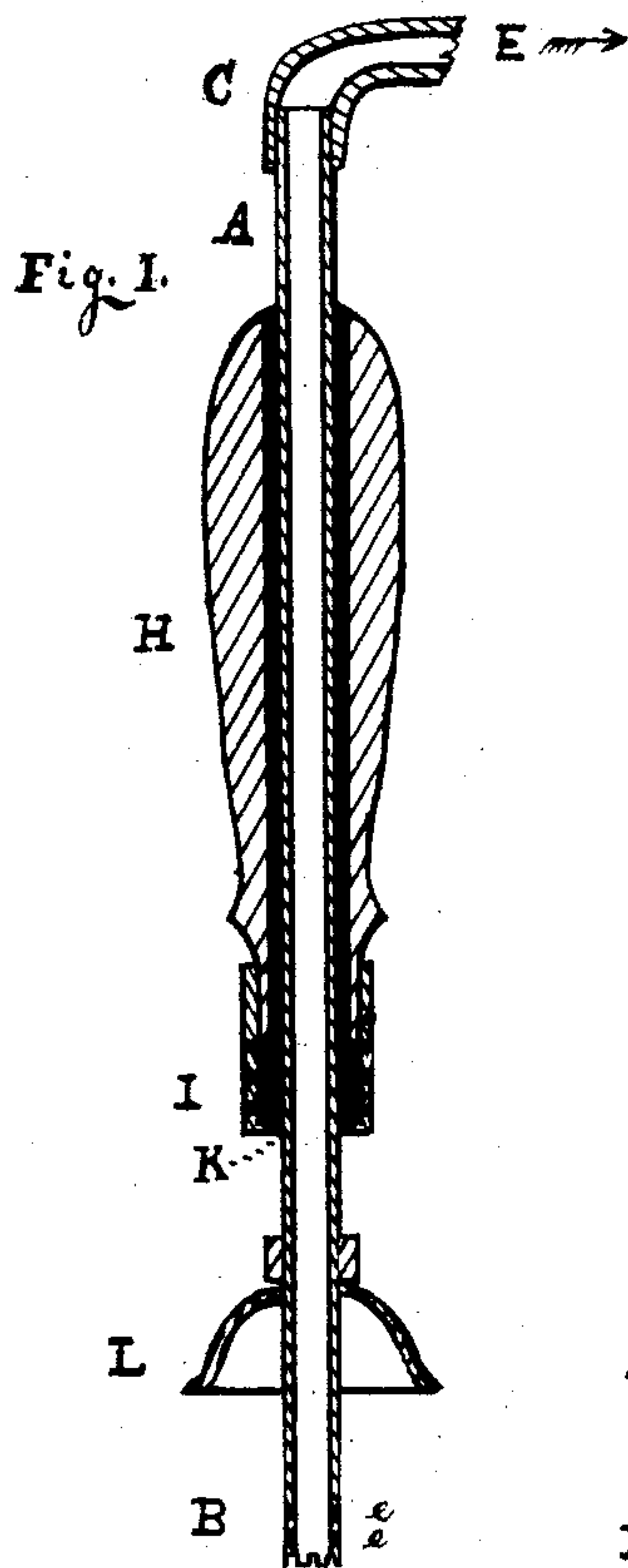


A. S. GEAR.  
Branding-Stamp.

No. 223,903.

Patented Jan. 27, 1880.



Witnesses:

*Wm. G. Brown*  
*A. L. Brigham*

Inventor.

*Alonzo S. Gear*

# UNITED STATES PATENT OFFICE.

ALONZO S. GEAR, OF NEW YORK, N. Y.

## BRANDING-STAMP.

SPECIFICATION forming part of Letters Patent No. 223,903, dated January 27, 1880.

Application filed May 16, 1879.

*To all whom it may concern :*

Be it known that I, ALONZO S. GEAR, of the city, county, and State of New York, have invented a new and useful process or art and means of rapidly stamping and printing letters, figures, words, and designs, for preventing the obliteration, raising, and alteration of the same, and for the cancellation of postage and revenue stamps; and I do hereby declare that the following, taken in connection with the drawings which accompany and form part of this specification, is a description of my invention sufficient to enable those skilled in the art to practice it.

This invention relates to the arrangement of suitable means for the cancellation of postage and revenue stamps, and for other analogous purposes, by the application of heat, which is transmitted through suitably-constructed dies or stamps.

The object of said invention is to prevent a fraudulent use of postage and revenue stamps after having been once used and canceled, and also to prevent the fraudulent raising of figures upon checks, bonds, and other similar and valuable papers.

The invention consists in forming a die on the end of a piece of pipe and perforating the side of said pipe at or near the end thereof for emitting gases, which are conducted from a reservoir, by means of a flexible tube which is attached to the opposite end of said pipe, to said perforations, where they are burned, whereby the die end of said pipe is sufficiently heated to produce scorched impressions with great celerity.

Figure 1 represents a vertical section of my improved canceling-die. Fig. 2 represents an end view of said canceling-die. Fig. 3 is a sectional view of a modification of Fig. 1. Fig. 4 is designed to represent an envelope with a canceled stamp thereon. Fig. 5 is intended to represent a check with a canceled revenue-stamp thereon.

Like parts in the figures are designated by corresponding letters of reference.

In Fig. 1, A represents a pipe, one end of which is provided with a die engraved or cut

thereon, or left with a smooth annular face thereon. *ee* are perforations at the end B for the purpose of emitting gases therefrom, and where said gases are burned.

H represents a hollow handle inclosing the pipe, as shown. K is a ferrule on the end of said handle, with perforations I therein. L is a deflector.

C represents a flexible pipe attached to the end of pipe A, while its other end is attached to a reservoir of gas, from which said gas is conducted to the die-burner B and burned thereat, for the purpose of producing indelible scorched impressions upon the substance stamped.

In Fig. 2, B represents a plan view of the die end of the die-burner.

In the modification, Fig. 3, B is the die-burner; M, a cap thereon, and L a deflector.

In Figs. 4 and 5, D' and D<sup>2</sup> represent stamps as having been canceled.

The operation of this invention is as follows: Gas is admitted from the flexible tube C into pipe A, whence it is discharged from the die end B and perforations *ee*, and around which said gas is burned. This canceling-die burner is held in the hand when in operation, the same as an ordinary inking hand-stamp.

What I claim, and desire to secure by Letters Patent, is—

1. A pipe one end of which constitutes a die and burner, in combination with a tube for conducting gases from a holder to said burner, whereby heat is generated to sufficiently heat said die for the purpose of scorching or burning indelible impressions with celerity.

2. In combination with a pipe one end of which constitutes a die and burner, the opposite end being attached to a flexible tube for conducting gas to said burner and heating said die, the hollow handle H, for the purpose described.

ALONZO S. GEAR.

Witnesses:

CHARLES HARFT,  
A. L. BRIGHAM.